

affID	SKNMC.Hypvs	TC252.Hypvs	Symbol	Name	Alias	Entrez.Gene
226882_x_at	-2.07541393	-2.54957144	WDR4	WD repeat do	TRM82	10785
219310_at	-4.30514758	-0.11607192	TMEM90B	transmembran	C20orf39 FLJ	79953
1555731_a_at	-2.19399207	-2.06595461	AP1S3	adaptor-relate	-	130340
204608_at	-1.64785033	-2.58099222	ASL	argininosuccir	ASAL	435
201744_s_at	-1.57984832	-2.58234852	LUM	lumican	LDC SLRR2D	4060
223661_at	-0.93635526	-3.19892989	NUCKS1	nuclear casein	FLJ21480 FLJ	64710
218681_s_at	-2.4463925	-1.58155613	SDF2L1	stromal cell-d-	-	23753
210609_s_at	-1.80100559	-2.22584265	TP53I3	tumor protein	PIG3	9540
204393_s_at	-2.63978272	-1.30522261	ACPP	acid phosphat	ACP-3 ACP3	55
204869_at	-2.64622095	-1.29214899	PCSK2	proprotein co	NEC2 PC2 SP	5126
236514_at	-2.50038474	-1.15671644	ACOT8	acyl-CoA thio	epsilon HNAACTE PT	10005
1552919_at	-1.56401741	-2.03497475	C4orf36	chromosome	MGC26744	132989
210008_s_at	-1.59819916	-1.96828882	MRPS12	mitochondrial	MPR-S12 MT-	6183
228251_at	-1.20104525	-2.29329565	UBXN6	UBX domain p	DKFZp667D10	80700
230543_at	-0.52288821	-2.96747	USP9X	ubiquitin spec	DFFRX FAF F	8239
222121_at	-1.50893933	-1.96266914	SGEF	Src homology	CSGEF DKFZp	26084
1552703_s_at	-0.91337704	-2.50386391	COP1	NA	NA	NA
219908_at	-3.08376634	-0.31869565	DKK2	dickkopf hom	DKK-2	27123
205216_s_at	-0.66737117	-2.6901178	APOH	apolipoprotei	B2G1 BG	350
231863_at	-1.80904167	-1.51868262	ING3	inhibitor of gr	Eaf4 FLJ2008	54556
231121_at	-1.62908641	-1.68796495	HPS3	Hermansky-P	DKFZp686F04	84343
232434_at	-1.95936985	-1.35081476	DIRC3	disrupted in r	FLJ14199	729582
236859_at	-3.2443062	0.01585735	RUNX2	runt-related t	AML3 CBFA1	860
222118_at	-1.84118912	-1.3821529	CENPN	centromere p	BM039 C16o	55839
205475_at	0	-3.21486225	SCRG1	stimulator of	(MGC26468 S	11341
222671_s_at	-1.93090533	-1.2726708	JMJD4	jumonji doma	FLJ12517 MG	65094
229764_at	-2.24384958	-0.95647895	TPRG1	tumor protein	FAM79B FLJ4	285386
228142_at	-1.62341647	-1.5674978	UCRC	ubiquinol-cytc	HSPC051 HSP	29796
1553978_at	-1.94160471	-1.24584745	LOC729991	hypothetical	AK128256 FL	729991
203797_at	-3.14821273	0	VSNL1	visinin-like 1	HLP3 HPCAL3	7447
226775_at	-1.81907902	-1.31950568	ENY2	enhancer of y	DC6 FLJ2048	56943
204851_s_at	-2.37851985	-0.75582994	DCX	doublecortin	DBCN DC LIS	1641
208369_s_at	-2.06069732	-1.0593898	GCDH	glutaryl-Coenz	ACAD5 GCD	2639
223204_at	-1.6046226	-1.49660711	FAM198B	family with se	AD021 AD03	51313
205820_s_at	-3.0889145	-0.00035617	APOC3	apolipoprotei	APOCIII MGC	345
241672_at	-2.44116803	-0.64377126	C13orf36	chromosome	MGC33996	400120
203824_at	-1.67381817	-1.37104525	TSPAN8	tetraspanin 8	CO-029 TM4	7103
235117_at	-1.71992558	-1.27537574	CHAC2	ChaC, cation t	-	494143
203007_x_at	-0.67177143	-2.32228073	LYPLA1	lysophospholi	APT-1 LPL1 L	10434
1554629_at	-2.09487856	-0.89913892	EPHA7	EPH receptor	.EHK3 HEK11	2045
209417_s_at	-0.89370863	-2.05769822	IFI35	interferon-ind	FLJ21753 IFP	3430
202586_at	-1.75680188	-1.18517753	POLR2L	polymerase	(FRBP10 RPABC	5441
1554114_s_at	-0.80951132	-2.12136059	SSH2	slingshot hom	KIAA1725 M	85464
207447_s_at	-2.92811828	0	MGAT4C	mannosyl (alp	GNTIVH HGN	25834
1569349_at	-1.56633594	-1.36126398	C11orf30	chromosome	EMSY FLJ907	56946
219599_at	-0.28337173	-2.59726473	EIF4B	eukaryotic tra	EIF-4B PRO18	1975
226911_at	-0.97588457	-1.89002993	EGFLAM	EGF-like, fibro	AGRINL AGRN	133584

227055_at	-1.94297103	-0.91474027	METTL7B	methyltransfe	MGC17301	196410
201167_x_at	-2.35327104	-0.473445	ARHGDI1	Rho GDP diss	GDI1 MGC1	396
224727_at	-2.36880343	-0.45621075	C19orf63	chromosome	HSM1 HSS1 I	284361
222814_s_at	-1.37303321	-1.44560617	ZNHIT2	zinc finger, HI	C11orf5 FON	741
222614_at	-0.18604491	-2.61925327	RWDD2B	RWD domain	C21orf6 GL01	10069
209392_at	-0.6578351	-2.1465257	ENPP2	ectonucleotid	ATX ATX-X AI	5168
217551_at	-1.64852314	-1.11830782	LOC441453	similar to olfa-		441453
216810_at	-0.50533147	-2.25547951	KRTAP4-7	keratin associ	KAP4.7 KRTAI	100132476
209652_s_at	-2.83292661	0.07374564	PGF	placental grov	D12S1900 PG	5228
1555679_a_at	-1.13166773	-1.61428253	RTN4IP1	reticulon 4 int	MGC12934 N	84816
229426_at	-1.76045837	-0.97246937	COX5A	cytochrome c	COX COX-VA	9377
229864_at	-1.76709447	-0.95798945	C3orf75	chromosome	FLJ20211 TM	54859
1569253_at	-1.48282611	-1.24186881	INTS4	integrator cor	INT4 MGC16;	92105
230793_at	-1.01307164	-1.68550238	LRRC16A	leucine rich re	CARMIL CARM	55604
223386_at	-1.4996022	-1.19035213	FAM118B	family with se	FLJ21103	79607
227043_at	-1.5250772	-1.14626177	CCDC159	coiled-coil dor	FLJ45351 FLJ;	126075
200987_x_at	-1.88506211	-0.78309269	PSME3	proteasome (1	Ki PA28-gamr	10197
238474_at	-0.43521334	-2.22741458	NUP43	nucleoporin 4	FLJ13287 bA3	348995
230259_at	-1.42330188	-1.23300907	C10orf125	chromosome	FLJ26016 FUC	282969
222622_at	-1.80500715	-0.8396817	PGP	phosphoglyco	MGC4692	283871
225847_at	-1.60651824	-1.03805319	NCEH1	neutral choles	AADA1 NCI	57552
219690_at	-1.74302595	-0.89164702	TMEM149	transmembra	FLJ22573 U2/	79713
214963_at	-1.80859025	-0.82190286	NUP160	nucleoporin 1	DKFZp686M1.	23279
227811_at	-2.62538645	-3.74E-05	FGD3	FYVE, RhoGEF	FLJ00004 MG	89846
206023_at	-1.10986058	-1.49910813	NMU	neuromedin L -		10874
217010_s_at	-0.51698488	-2.09154483	CDC25C	cell division cy	CDC25	995
206291_at	-2.6073282	0	NTS	neurotensin	NMN-125 NN	4922
231802_at	-2.60599981	0	CLEC3A	C-type lectin c	CLECSF1 MGC	10143
222044_at	-1.59442677	-1.00994614	PCIF1	PDX1 C-termir	C20orf67	63935
1554878_a_at	-1.76883536	-0.80081569	ABCD3	ATP-binding c	ABC43 PMP7/	5825
219093_at	-2.11627702	-0.45093296	PID1	phosphotyros	FLJ20701 HM	55022
205157_s_at	-0.6719899	-1.88149764	KRT17	keratin 17	K17 PC PC2	3872
225616_at	-1.28713242	-1.25686923	SPRYD4	SPRY domain	DKFZp686N08	283377
229507_at	-1.46717642	-1.06728668	C3orf54	chromosome	MGC20416	389119
219654_at	-1.89563101	-0.61350501	PTPLA	protein tyrosin	CAP	9200
244403_at	-2.58344026	0.08198818	CRB1	crumbs homo	LCA8 RP12	23418
228093_at	-1.49830321	-0.99699273	ZNF599	zinc finger prc	FLJ50920	148103
1554882_at	-1.21489348	-1.26334229	ERCC8	excision repai	CKN1 CSA	1161
220780_at	-1.35112012	-1.12324051	PLA2G3	phospholipase	GIII-SPLA2 SP	50487
205348_s_at	-2.01680178	-0.45665112	DYNC111	dynein, cytopl	DNC11 DNCIC	1780
210087_s_at	-0.9960252	-1.47674003	MPZL1	myelin proteir	FLJ21047 MP.	9019
232054_at	-1.18191491	-1.2885339	PCDH20	protocadherin	FLJ22218 PCC	64881
238844_s_at	-1.71643277	-0.7538233	NPHP1	nephronopht	FLJ97602 JBT:	4867
205066_s_at	-1.34251585	-1.12663285	ENPP1	ectonucleotid	M6S1 NPP1 I	5167
205552_s_at	-1.06666281	-1.39547495	OAS1	2',5'-oligoadei	IFI-4 OIAS OI.	4938
211368_s_at	-0.0370006	-2.42414745	CASP1	caspase 1, apc	ICE IL1BC P4:	834
204839_at	-1.42566785	-1.0328364	POP5	processing of	HSPC004 RPP	51367
219099_at	-1.23765101	-1.21407867	C12orf5	chromosome	TIGAR	57103

203920_at	-0.81320008	-1.63556422	NR1H3	nuclear receptor LXR-a LXRA F	10062
203032_s_at	-0.84797331	-1.57939988	FH	fumarate hydratase HLRCC LRCC	2271
1553575_at	-1.13841107	-1.28614546	ND6	NADH dehydrogenase MTND6	4541
231358_at	-2.03986089	-0.37337913	MRO	maestro B29 C18orf3	83876
214279_s_at	-0.86664485	-1.53999606	NDRG2	NDRG family member DKFZp781G19	57447
65133_i_at	-1.3407396	-1.05829369	INO80B	INO80 complex HMGA1L4 HNR	83444
224325_at	-1.65113437	-0.74262923	FZD8	frizzled homolog FZ-8 hFZ8	8325
1555595_at	-0.87856296	-1.5146654	SCRN3	secernin 3 FLJ23142 MG	79634
223312_at	-1.54688959	-0.84181429	C2orf7	chromosome 2 MG	84279
223785_at	-1.96400548	-0.42299694	FANCI	Fanconi anemia FLJ10719 KIA	55215
201554_x_at	-1.33736689	-1.04574758	GYG1	glycogenin 1 GYG	2992
207457_s_at	-1.78849415	-0.5928354	LY6G6D	lymphocyte antigen C6orf23 G6D	58530
228014_at	-1.12820403	-1.25025466	PTRH1	peptidyl-tRNA C9orf115 MG	138428
219518_s_at	-1.43070509	-0.94285492	ELL3	elongation factor FLJ22637	80237
215984_s_at	-0.98677081	-1.38047473	ARFRP1	ADP-ribosylation factor ARL18 ARP A	10139
210653_s_at	-0.97086162	-1.39382431	BCKDHB	branched chain amino acid FLJ17880	594
215765_at	-2.31961356	-0.04444225	LRRC41	leucine rich repeat MG	10489
219247_s_at	-2.19440348	-0.16836401	ZDHHC14	zinc finger, domain FLJ20984 NE	79683
238323_at	-0.99254697	-1.36935904	TEAD2	TEA domain factor ETF TEF-4 TE	8463
220108_at	-0.18826412	-2.16780499	GNA14	guanine nucleotide-binding	9630
209216_at	-1.84965441	-0.49747182	WDR45	WD repeat domain JM5 WDRX1	11152
227560_at	-1.56907051	-0.77601133	SFXN2	sideroflexin 2 -	118980
235704_at	-0.80733882	-1.53683786	DAZAP2	DAZ associated protein KIAA0058 MC	9802
242925_at	-2.32877975	0	RNF148	ring finger protein MG	378925
216548_x_at	-1.27951648	-1.04918154	HMG3L1	high-mobility group MG	128872
230186_at	-0.57956933	-1.74460697	TMEM136	transmembrane protein MG	219902
206204_at	-2.2387814	-0.0827095	GRB14	growth factor -	2888
225939_at	-1.58620806	-0.73338302	EIF4E3	eukaryotic translation initiation MG	317649
205521_at	-1.8617823	-0.45205602	EXO2	endo/exonuclease ENDOG1 EN	9941
204222_s_at	-1.41333348	-0.90034428	GLIPR1	GLI pathogenesis CRISP7 GLIPR	11010
221326_s_at	-0.44526282	-1.86402147	TUBD1	tubulin, delta FLJ12709 TUB	51174
224818_at	-1.08176973	-1.22312598	SORT1	sortilin 1 Gp95 NT3	6272
220784_s_at	-1.27036432	-1.03047933	UTS2	urotensin 2 PRO1068 U-II	10911
228608_at	-2.3002173	0	NALCN	sodium leak channel Canlon FLJ23'	259232
213449_at	-1.28935667	-1.01001551	POP1	processing of KIAA0061 MG	10940
204478_s_at	-1.46477526	-0.83145335	RABIF	RAB interacting protein RASGF	5877
222912_at	-2.38849704	0.09642591	ARRB1	arrestin, beta ARB1 ARR1	408
212256_at	-1.94030911	-0.34817186	GALNT10	UDP-N-acetylglucosaminyltransferase DKFZp586H06	55568
217785_s_at	-1.22836743	-1.05958919	YKT6	YKT6 v-SNARE -	10652
221114_at	-0.57849417	-1.70641244	AMBN	ameloblastin (-	258
210972_x_at	-1.64709326	-0.6347014	TRA@	T cell receptor FLJ22602 MG	6955
240167_at	-2.16789583	-0.11189065	LOC152742	hypothetical protein -	152742
213851_at	-0.42047984	-1.84865983	TMEM110	transmembrane protein DKFZp667E11	375346
218540_at	-1.29431632	-0.96898183	THTPA	thiamine triphosphate MG	79178
214958_s_at	-2.26120011	0	TMC6	transmembrane protein EV1 EVER1 E	11322
205705_at	-1.37493384	-0.88430351	ANKRD26	ankyrin repeat domain MG	22852
211138_s_at	-1.36031296	-0.8947943	KMO	kynurenine 3-dj317G22.1	8564
234685_x_at	-0.78210363	-1.47135853	KRTAP4-9	keratin associated protein KAP4.9	100132386

213139_at	-1.6668462	-0.58447433	SNAI2	snail homolog MGC10182 SI	6591
201420_s_at	-1.36482168	-0.87890381	WDR77	WD repeat do HKMT1069 IV	79084
205003_at	-1.5324965	-0.71092821	DOCK4	dedicator of c FLJ34238 KIA	9732
217811_at	-0.98585842	-1.24750673	SELT	selenoprotein -	51714
218866_s_at	-1.05435977	-1.16959763	POLR3K	polymerase (FC11 C11-RNP	51728
223580_at	-1.0428149	-1.17760895	SPSB2	splA/ryanodin FLJ17395 GR	84727
232197_x_at	-1.79154035	-0.42793478	ARSB	arylsulfatase E ASB G4S MP	411
210904_s_at	-0.64546163	-1.57297344	IL13RA1	interleukin 13 CD213A1 IL-1	3597
226420_at	-2.18601521	-0.03117937	MECOM	MDS1 and EVIAML1-EVI-1 E	2122
1555868_at	-1.40794148	-0.80887724	LOC729070	NA NA NA	
210334_x_at	-0.19170646	-2.01942121	BIRC5	baculoviral IAI API4 EPR-1	332
240757_at	-0.57079925	-1.63940321	CLASP1	cytoplasmic lii DKFZp686D19	23332
1554482_a_at	-0.90706483	-1.29985935	SAR1B	SAR1 homolog ANDD CMRD	51128
200720_s_at	-1.03747715	-1.16866115	ACTR1A	ARP1 actin-rel ARP1 CTRN1	10121
222554_s_at	-1.1083955	-1.09632049	NOL6	nucleolar prot FLJ21959 MG	65083
227299_at	-0.53028722	-1.67124657	CCNI	cyclin I CYC1 CYI	10983
212886_at	-2.20149171	0	CCDC69	coiled-coil dor DKFZp434C17	26112
214247_s_at	-2.19839035	0	DKK3	dickkopf hom REIC RIG	27122
222483_at	-1.35425254	-0.84002988	EFHD2	EF-hand dom MGC4342 SM	79180
232259_s_at	-1.50771667	-0.68596376	LOC10000967	hypothetical L -	100009676
238462_at	0.03225355	-2.22548226	UBASH3B	ubiquitin asso KIAA1959 MG	84959
235874_at	-1.93044142	-0.25910731	PRSS35	protease, seri C6orf158 MG	167681
1554062_at	-1.35061217	-0.83685613	XG	Xg blood grou MGC118758	7499
200974_at	-1.54576752	-0.63803946	ACTA2	actin, alpha 2, AAT6 ACTSA	59
208937_s_at	-1.74806854	-0.42643703	ID1	inhibitor of DI ID bHLHb24	3397
207393_at	-2.14894802	-0.02490916	HCRTR2	hypocretin (or OX2R	3062
220311_at	-0.78864559	-1.3844782	N6AMT1	N-6 adenine-s C21orf127 HE	29104
232881_at	-2.14597189	-0.02511382	GNASAS	GNAS antisen: GNAS1AS NCI	149775
223482_at	-0.62858788	-1.5389773	TMEM120A	transmembrai NET29 TMPIT	83862
1553690_at	-1.67367531	-0.49374783	SGOL1	shugoshin-like NY-BR-85 SG	151648
225800_at	-1.1724678	-0.99224305	JAZF1	JAZF zinc fingr DKFZp761K22	221895
217960_s_at	-0.80222624	-1.36242	TOMM22	translocase of 1C9-2 MST06	56993
234973_at	-1.57710258	-0.58687546	SLC38A5	solute carrier JM24 SN2 pp	92745
229978_at	-2.33668757	0.17509169	SHISA9	shisa homolog DKFZp686D24	729993
239792_at	-1.13510626	-1.02607202	LOC440288	similar to FLJ1 -	440288
226036_x_at	-1.32121089	-0.83945606	CASP2	caspase 2, apc CASP-2 ICH-1	835
232675_s_at	-1.12445221	-1.02884716	UCKL1	uridine-cytidir UCK1-LIKE UC	54963
226727_at	-1.25640073	-0.89626177	CISD3	CDGSH iron su Miner2	284106
224414_s_at	-1.28368126	-0.86880507	CARD6	caspase recrui CINCIN1	84674
1554485_s_at	-1.31687779	-0.8343704	TMEM37	transmembrai PR PR1	140738
213540_at	-1.14768518	-0.99776476	HSD17B8	hydroxysteroid D6S2245E FA	7923
228150_at	-1.16468758	-0.97457447	SEC16B	SEC16 homolog DKFZp686C24	89866
206025_s_at	-1.22598429	-0.91196083	TNFAIP6	tumor necrosi TSG-6 TSG6	7130
219076_s_at	-1.36752204	-0.76913602	PXMP2	peroxisomal n PMP22	5827
213467_at	-1.67222092	-0.45860624	RND2	Rho family GT ARHN RHO7	8153
229412_at	-0.83606303	-1.29330008	TAF8	TAF8 RNA pol 43 FLJ32821	129685
216880_at	-1.36038521	-0.76659432	RAD51L1	RAD51-like 1 (MGC34245 R	5890
209131_s_at	-0.32966729	-1.7968305	SNAP23	synaptosomal HsT17016 SN	8773

219600_s_at	-0.6250593	-1.49583059	TMEM50B	transmembrai C21orf4 DKFZ	757
225195_at	-1.12139544	-0.99858001	DPH3	DPH3, KTI11 hDELGIP DELG	285381
242996_at	-0.8168255	-1.30204581	MTRF1	mitochondrial MGC47721 M	9617
1553940_a_at	-0.59567605	-1.52211688	LRRC28	leucine rich re FLJ34269 FLJ	123355
204476_s_at	-1.00321168	-1.11026623	PC	pyruvate carb PCB	5091
233085_s_at	-1.2909588	-0.82177189	OBFC2A	oligonucleotic DKFZp667M1:	64859
204659_s_at	-1.15522087	-0.95727573	GFER	growth factor, ALR ERV1 HE	2671
223473_at	-1.16539904	-0.94307249	MPV17L2	MPV17 mitocl FKSG24 MGC	84769
225791_at	-0.99254547	-1.10912107	UBE2F	ubiquitin-conj MGC18120 N	140739
201859_at	0	-2.09834843	SRGN	serglycin FLJ12930 MG	5552
1558015_s_at	-0.32266256	-1.77515599	ACTR2	ARP2 actin-rel ARP2	10097
218380_at	-1.57977974	-0.51722552	NLRP1	NLR family, pyCARD7 CLR17	22861
1553535_a_at	-0.79772195	-1.29795994	RANGAP1	Ran GTPase ar Fug1 KIAA18:	5905
219015_s_at	-1.20388329	-0.89100466	ALG13	asparagine-lin CXorf45 FLJ2:	79868
229835_s_at	-0.51636306	-1.57277486	SLMO2	slowmo homc C20orf45 PRE	51012
203360_s_at	-1.27953817	-0.80665782	MYCBP	c-myc binding AMY-1 FLJ41:	26292
211774_s_at	-1.43863878	-0.64706432	MMACHC	methylmaloni DKFZp564I12:	25974
225375_at	-0.79725084	-1.28719754	TMEM199	transmembrai C17orf32 MG	147007
209679_s_at	-0.9932753	-1.09017686	SMAGP	small cell adh MGC149453	57228
223285_s_at	0	-2.07946762	ST6GALNAC4	ST6 (alpha-N-:SIAT3C SIAT7	27090
222551_s_at	-0.86747115	-1.20985366	C8orf33	chromosome FLJ20989	65265
205012_s_at	-0.9998719	-1.0771126	HAGH	hydroxyacylg  GLO2 GLX2 C	3029
222919_at	-1.20095428	-0.87374447	TRDN	triadin DKFZp779I22:	10345
44783_s_at	-2.24352961	0.17162165	HEY1	hairly/enhance BHLHb31 CHF	23462
216252_x_at	-1.20211759	-0.86961826	FAS	Fas (TNF rece ALPS1A APO-	355
230727_at	-1.63174279	-0.43782313	PCGF2	polycomb gro MEL-18 MGC	7703
203650_at	-1.11314671	-0.9559419	PROCR	protein C rece CCA CCD41	10544
219187_at	-1.16762488	-0.90119524	FKBPL	FK506 binding DIR1 NG7 W	63943
209665_at	-1.04788364	-1.01869957	CYB561D2	cytochrome b 101F6 TSP10	11068
216860_s_at	-1.40886585	-0.65260476	GDF11	growth differe BMP-11 BMP	10220
212996_s_at	-0.82625497	-1.2333203	URB1	URB1 ribosom C21orf108 Kl,	9875
219420_s_at	-1.08640967	-0.97211223	C1orf163	chromosome FLJ12439	65260
213456_at	-0.89262945	-1.16396099	SOSTDC1	sclerostin don CDA019 DKFZ	25928
227399_at	-1.68524443	-0.36890187	VGLL3	vestigial like 3 DKFZp686O1:	389136
210021_s_at	-1.43429437	-0.61951896	CCNO	cyclin O CCNU FLJ224:	10309
233651_s_at	-0.79448825	-1.25791074	MPND	MPN domain FLJ14981	84954
206238_s_at	-0.56263215	-1.48543216	YAF2	YY1 associate MGC41856	10138
210929_s_at	-1.1852561	-0.85754515	LOC10013161	PRO1454 -	100131613
238935_at	-1.09435995	-0.94744291	RPS27L	ribosomal pro -	51065
209531_at	-0.91800907	-1.12090934	GSTZ1	glutathione tr GSTZ1-1 MAA	2954
210285_x_at	-0.78043905	-1.25744063	WTAP	Wilms tumor DKFZp686F20	9589
218857_s_at	-0.90039529	-1.1360414	ASRGL1	asparaginase  ALP ALP1 CR,	80150
1568596_a_at	-0.75882661	-1.27597145	TROAP	trophinin assc TASTIN	10024
214007_s_at	-0.57677185	-1.4567719	TWF1	twinfilin, actin A6 MGC2378	5756
226919_at	-1.01300305	-1.02017248	LYRM2	LYR motif con DJ122O8.2 FL	57226
209686_at	-2.01158372	-0.02130789	S100B	S100 calcium NEF S100 S1:	6285
204897_at	-1.11923516	-0.91176755	PTGER4	prostaglandin EP4 EP4R M	5734
213747_at	-0.98799117	-1.0416182	AZIN1	antizyme inhib MGC3832 M	51582

205301_s_at	-1.07377543	-0.95348949	OGG1	8-oxoguanine HMMH HOGC	4968
228204_at	-0.80952871	-1.21555947	PSMB4	proteasome (j HN3 HsN3 PF	5692
222507_s_at	-0.78034109	-1.24319534	TMEM9B	TMEM9 doma C11orf15	56674
229676_at	-0.57422469	-1.44916037	MTPAP	mitochondrial FLJ10486 PAF	55149
1552456_a_at	-0.55879213	-1.46363722	MBD3L2	methyl-CpG b -	125997
222522_x_at	-0.88550755	-1.1339341	MRPS10	mitochondrial FLJ10567 MR	55173
1554478_a_at	-1.52578527	-0.48989049	HEATR3	HEAT repeat c FLJ20718	55027
206973_at	-0.91415833	-1.09580589	PPFIA2	protein tyrosii FLJ41378 MG	8499
230574_at	-0.84881412	-1.16049462	LOC10013093	hypothetical L -	100130938
218435_at	-2.00919814	0	DNAJC15	DnaJ (Hsp40) DNAJD1 HSD:	29103
203708_at	-1.73652572	-0.26796593	PDE4B	phosphodiester DKFZp686F21	5142
228381_at	-1.1549753	-0.84829749	ATF7IP2	activating trar FLJ12668 MC	80063
231721_at	-0.79254794	-1.20728329	JAM3	junctional adh FLJ14529 JAN	83700
226870_at	-1.28214715	-0.71589582	COMTD1	catechol-O-m FLJ23841	118881
231726_at	-0.48844051	-1.50952898	PCDHB14	protocadherin MGC120065	56122
218266_s_at	-0.91112824	-1.0853248	FREQ	frequenin hon DKFZp761L12	23413
230425_at	-1.36770432	-0.62853739	EPHB1	EPH receptor ELK EPHT2 FI	2047
209170_s_at	-1.65251463	-0.34342387	GPM6B	glycoprotein M6B MGC17:	2824
223868_s_at	-1.60731021	-0.38739658	WWOX	WW domain c D16S432E FO	51741
219797_at	-0.98457994	-1.00679927	MGAT4A	mannosyl (alp GNT-IV GNT-I	11320
209505_at	-1.76350891	-0.22687701	NR2F1	nuclear receptor COUP-TFI EAF	7025
222857_s_at	-1.38252578	-0.60349574	KCNMB4	potassium larç -	27345
1553928_at	-0.91863591	-1.06500371	ELMOD2	ELMO/CED-129830169G11R	255520
205381_at	-0.49293131	-1.49070776	LRRC17	leucine rich re P37NB	10234
223489_x_at	-0.8140402	-1.16851243	EXOSC3	exosome com CGI-102 MGC	51010
201461_s_at	-0.8789214	-1.10215923	MAPKAPK2	mitogen-activ MK2	9261
229989_at	-1.09007702	-0.89082481	FDXACB1	ferredoxin-fo l -	91893
221871_s_at	-0.73140097	-1.24880832	TFG	TRK-fused ger FLJ36137 TF6	10342
1554321_a_at	-0.17639361	-1.80255628	NFS1	NFS1 nitrogen HUSSY-08 Isc:	9054
223273_at	-1.0411377	-0.93706981	C14orf142	chromosome MGC104244	84520
235062_at	-1.47929866	-0.4988204	PIH1D2	PIH1 domain c -	120379
218695_at	-1.13784896	-0.83976778	EXOSC4	exosome com FLJ20591 RRF	54512
218556_at	-0.71005573	-1.26683992	ORMDL2	ORM1-like 2 ( :HSPC160 MS	29095
206993_at	-1.24638737	-0.73013591	ATP5S	ATP synthase, ATPW HSU79	27109
238429_at	0.24606954	-2.21936024	TMEM71	transmembran FLJ33069 MG	137835
206799_at	-1.97258878	0	SCGB1D2	secretoglobin, LIPB LPHB	10647
205129_at	-1.05549591	-0.91452443	NPM3	nucleophosmi PORMIN TME	10360
204218_at	-1.41754773	-0.54803322	C11orf51	chromosome DKFZp564M0:	25906
202000_at	-1.2843203	-0.68090745	NDUFA6	NADH dehydr B14 CI-B14 L	4700
210733_at	-0.30657524	-1.65702068	TRAM1	translocation PNAS8 PRO1:	23471
219927_at	-0.43629502	-1.52717042	FCF1	FCF1 small su Bka C14orf11	51077
219321_at	-1.75169054	-0.21057659	MPP5	membrane pr FLJ12615 PAL	64398
210338_s_at	-0.81358659	-1.14867569	HSPA8	heat shock 70 HSC54 HSC70	3312
218439_s_at	-0.57725624	-1.38351327	COMMD10	COMM domai FLJ11285 PTC	51397
33307_at	-1.27480831	-0.6843686	RRP7A	ribosomal RN BK126B4.3 CC	27341
219428_s_at	-0.41644915	-1.53439162	PXMP4	peroxisomal n PMP24	11264
205662_at	-1.0161512	-0.93212	B9D1	B9 protein do B9 EPPB9 MI	27077
214744_s_at	-1.12242251	-0.82246356	RPL23	ribosomal pro MGC111167	9349

232226_at	-1.41183435	-0.53275346	LRRC4C	leucine rich re	KIAA1580 NG	57689
215357_s_at	-0.86080824	-1.08055059	POLDIP3	polymerase (C	KIAA1649 PD	84271
209231_s_at	-1.04956863	-0.89165022	DCTN5	dynactin 5 (p2	MGC3248 p2	84516
218892_at	-1.97656913	0.03837244	DCHS1	dachsous 1 (D	CDH25 FIB1 I	8642
1554486_a_at	-0.56893231	-1.36688428	C6orf114	chromosome ADG-90	FLJ20	85411
220477_s_at	-0.81755036	-1.11161117	C2orf30	chromosome HSPC274	dJ1:	29058
231727_s_at	-0.60191454	-1.32589613	MIF4GD	MIF4G domain	AD023 MGC4	57409
228357_at	-0.84805858	-1.07925845	UNK	unkempt hom	KIAA1753 ZC:	85451
202587_s_at	-1.02031599	-0.90667549	AK1	adenylate kin:	-	203
201809_s_at	-1.8694051	-0.05711936	ENG	endoglin	CD105 END F	2022
210833_at	-0.65605244	-1.27020865	PTGER3	prostaglandin	EP3 EP3-I EP:	5733
203270_at	-0.96978319	-0.95477098	DTYMK	deoxythymidy	CDC8 FLJ441:	1841
227903_x_at	-1.0296286	-0.89386496	C19orf20	chromosome	GTRGEO22 P	91978
201452_at	-0.32044402	-1.60222438	RHEB	Ras homolog (	MGC111559	6009
219230_at	-1.29498153	-0.62718726	TMEM100	transmembra	FLJ10970 FLJ:	55273
201110_s_at	-1.95013287	0.02891047	THBS1	thrombospon	THBS THBS-1	7057
219219_at	-1.08471945	-0.83649394	TMEM160	transmembra	FLJ20512	54958
1555812_a_at	-0.86848423	-1.0519394	ARHGDI	Rho GDP diss	D4 GDIA2 GC	397
200657_at	-0.73875576	-1.18140476	SLC25A5	solute carrier	2F1 AAC2 AN	292
203671_at	-1.37742308	-0.53849313	TPMT	thiopurine S-	n-	7172
205661_s_at	-1.14125501	-0.77183934	FLAD1	FAD1 flavin ac	FAD1 FADS N	80308
205483_s_at	-1.1013187	-0.81167895	ISG15	ISG15 ubiquiti	G1P2 IFI15 U	9636
206961_s_at	-1.74458279	-0.16820033	MED20	mediator com	DKFZp586D22	9477
214735_at	-1.90744391	0	IPCEF1	interaction pr	KIAA0403 PIP	26034
223539_s_at	-1.05035036	-0.85594717	SERF1A	small EDRK-ric	4F5 FAM2A t	8293
204517_at	-0.3568643	-1.5481637	PPIC	peptidylprolyl	CYPC MGC36	5480
201259_s_at	-0.04909939	-1.85346351	SYPL1	synaptophysin	H-SP1 SYPL	6856
1554553_s_at	-0.4989654	-1.40310329	YIF1B	Yip1 interacti	FLJ23477 FLJ:	90522
236526_x_at	-1.20827495	-0.6920837	C5orf44	chromosome	FLJ13611 FLJ:	80006
209233_at	-0.93596221	-0.96377978	EMG1	EMG1 nucleol	BWCNS C2F I	10436
219464_at	-1.09278227	-0.80640451	CA14	carbonic anhy	CAXiv	23632
208334_at	-1.19018584	-0.7061714	NDST4	N-deacetylase	NHSST4	64579
211833_s_at	-1.00429149	-0.89063577	BAX	BCL2-associat	BCL2L4	581
206857_s_at	-1.67758689	-0.21593446	FKBP1B	FK506 binding	FKBP12.6 FKE	2281
224512_s_at	-1.0801961	-0.8128647	LSMD1	LSM domain c	MGC14151 M	84316
230067_at	-1.21222534	-0.68017725	FAM124A	family with se	FLJ30707	220108
1559399_s_at	-1.16000916	-0.72987602	ZCCHC10	zinc finger, CC	FLJ20094	54819
225812_at	-0.35009977	-1.53967473	C6orf225	chromosome	DKFZp586F09	619208
205966_at	-0.88355524	-1.00599553	TAF13	TAF13 RNA pc	MGC22425 T	6884
210802_s_at	-0.98468355	-0.89986364	DIMT1L	DIM1 dimethyl	DIM1 DIMT1	27292
219349_s_at	-0.75721794	-1.12504491	EXOC2	exocyst comp	FLJ11026 SEC	55770
203924_at	-1.88428785	0.00214233	GSTA2	glutathione S-	GST2 GSTA2-	2939
206002_at	-1.86816482	-0.01341628	GPR64	G protein-cou	EDDM6 FLJ00	10149
219920_s_at	-0.53618124	-1.34480996	GMPPB	GDP-mannose	KIAA1851	29925
222921_s_at	-1.8484279	-0.03195703	HEY2	hairy/enhance	CHF1 GRIDLO	23493
226059_at	-1.42331869	-0.45658283	TOMM40L	translocase of	FLJ12770 RP1	84134
227056_at	-1.45604713	-0.41850595	KIAA0141	KIAA0141	-	9812
217977_at	-1.30841974	-0.56490186	SEPX1	selenoprotein	HSPC270 MG	51734

219414_at	-0.56072072	-1.31235807	CLSTN2	calsyntenin 2	ALC-GAMMA	64084
217889_s_at	-0.74748113	-1.12544818	CYBRD1	cytochrome b	DCYTB FLJ234	79901
236584_at	-1.63816958	-0.23438585	C1orf86	chromosome	FLJ31031 FP7	199990
204207_s_at	-0.93036955	-0.94073956	RNGTT	RNA guanylylt	CAP1A DKFZp	8732
228443_s_at	-0.75941109	-1.10976363	SETD8	SET domain cc	KMT5A PR-Se	387893
209041_s_at	-0.66700994	-1.20188952	UBE2G2	ubiquitin-conj	UBC7	7327
224632_at	-1.31483849	-0.55297579	GPATCH4	G patch doma	GPATC4	54865
239190_at	-1.96036533	0.09260227	VRK3	vaccinia relat	-	51231
222885_at	-1.63146443	-0.23562941	EMCN	endomucin	EMCN2 MUC	51705
205196_s_at	-0.37931984	-1.48069856	AP1S1	adaptor-relat	AP19 CLAPS1	1174
205078_at	-0.60523832	-1.25439286	PIGF	phosphatidyl	MGC32646 M	5281
218119_at	-0.89719489	-0.95952994	TIMM23	translocase of	MGC22767 P	10431
228636_at	-1.76733622	-0.08729847	BHLHE22	basic helix-loc	BHLHB5 Beta	27319
235991_at	-1.47693806	-0.37742922	CYB5RL	cytochrome b	-	606495
213707_s_at	-1.31523599	-0.53904633	DLX5	distal-less hor	-	1749
211214_s_at	-1.65759438	-0.19504085	DAPK1	death-associa	DAPK DKFZp7	1612
235707_at	-1.17079508	-0.67831857	LOC221710	hypothetical p	-	221710
238554_at	-1.58526099	-0.26378441	CYB5B	cytochrome b	CYB5-M CYPE	80777
217932_at	-0.92453645	-0.92403882	MRPS7	mitochondrial	MRP-S MRP-S	51081
215510_at	-1.56778287	-0.28018319	ETV2	ets variant 2	ER71 ETSRP7	2116
228067_at	-1.82905462	-0.01868357	C2orf55	chromosome	MGC42367	343990
1554080_at	-0.88890429	-0.95815141	RQCD1	RCD1 requirec	CNOT9 RCD1	9125
218069_at	-0.90519828	-0.93890432	DCTPP1	dCTP pyropho	CDA03 MGC5	79077
208972_s_at	-1.13845682	-0.70359711	ATP5G1	ATP synthase,	ATP5A ATP5G	516
213974_at	-1.82496559	-0.01293066	ADAMTSL3	ADAMTS-like	KIAA1233 MG	57188
1558305_at	-0.41084128	-1.42303797	GIGYF2	GRB10 interac	DKFZp686151	26058
217973_at	-0.92241004	-0.91043674	DCXR	dicarbonyl/L	->DCR HCR2 H	51181
235052_at	-1.20033254	-0.63226053	ZNF792	zinc finger prc	FLJ38451 MG	126375
225480_at	-0.93364729	-0.89879548	C1orf122	chromosome	ALAESM FLJ2	127687
210319_x_at	-1.47496597	-0.35412063	MSX2	msh homeobc	CRS2 FPP HO	4488
209450_at	-1.31529986	-0.51263736	OSGEP	O-sialoglycop	FLJ20411 GCF	55644
240616_at	-1.08252101	-0.74357528	LOC10013111	NA	NA	NA
232296_s_at	-1.08858949	-0.73588413	GFM1	G elongation f	COXPD1 EFG	85476
225103_at	-1.14708033	-0.67456823	MRPL38	mitochondrial	FLJ13996 HSF	64978
1555225_at	-1.4841339	-0.33634871	C1orf43	chromosome	DKFZp586G17	25912
233528_s_at	-0.84700869	-0.96581442	GATSL3	GATS protein-	-	652968
209796_s_at	-0.65991239	-1.14955591	CNPY2	canopy 2 hom	HP10390 MS	10330
209449_at	-0.75393621	-1.05518385	LSM2	LSM2 homolo	C6orf28 G7b	57819
209605_at	-1.1409784	-0.66761788	TST	thiosulfate sul	MGC19578 R	7263
235931_at	-0.95932218	-0.83946972	FAM119A	family with se	HCA557b MG	151194
232018_at	-0.96750613	-0.8306122	LENG1	leukocyte rec	-	79165
201644_at	-1.30323095	-0.49482733	TSTA3	tissue specific	FX P35B SDR	7264
218034_at	-0.74756198	-1.05025302	FIS1	fission 1 (mito	CGI-135 TTC1	51024
230134_s_at	-0.6562363	-1.14075778	RC3H2	ring finger anc	FLJ20301 FLJ	54542
226860_at	-0.87862558	-0.91775949	TMEM19	transmembra	FLJ10936	55266
227209_at	-1.7682915	-0.02790253	CNTN1	contactin 1	F3 GP135	1272
236597_at	-1.26588788	-0.52909894	UGT3A1	UDP glycosylt	FLJ34658	133688
1555943_at	-1.41798586	-0.3766978	PGAM5	phosphoglyce	BXLBv68 MG	192111



215728_s_at	-0.81114819	-0.98248581	ACOT7	acyl-CoA thioesterase 7	11332
241498_at	-0.76263144	-1.02966102	HARBI1	harbinger transcription factor 1	283254
223123_s_at	-0.40535818	-1.38652423	C1orf128	chromosome 11 open reading frame 128	57095
210910_s_at	-1.12532021	-0.66605322	POMZP3	POM (POM12 MGC8359) protein 3	22932
1554093_a_at	-0.78354908	-1.0072783	SNAPC5	small nuclear G-protein-coupled protein 5	10302
200736_s_at	-0.96431968	-0.82505957	GPX1	glutathione peroxidase 1	2876
203025_at	-1.14034865	-0.64840746	ARD1A	ARD1 homolog 1	8260
233814_at	-0.81495083	-0.97360831	EFNA5	ephrin-A5	1946
1554768_a_at	-0.18249571	-1.59962884	MAD2L1	MAD2 mitotic arrest-deficient 2	4085
222748_s_at	-0.6104503	-1.17012627	TXNL4B	thioredoxin-like domain protein 4B	54957
202282_at	-1.01432075	-0.76557818	HSD17B10	hydroxysteroid oxidoreductase 17b	3028
220045_at	-1.32062563	-0.4591835	NEUROD6	neurogenic differentiation 6	63974
205217_at	-0.76775589	-1.00798026	TIMM8A	translocase of inner mitochondrial membrane 8A	1678
204295_at	-0.75747163	-1.01801776	SURF1	surfeit 1	6834
205561_at	-0.4931466	-1.28229199	KCTD17	potassium channel tetramerization domain containing 17	79734
204800_s_at	-0.96310619	-0.80519646	DHRS12	dehydrogenase 12	79758
244829_at	-1.76828283	0	C6orf218	chromosome 6 open reading frame 218	221718
200769_s_at	-0.57672138	-1.19052542	MAT2A	methionine adenosyltransferase 2A	4144
218756_s_at	-1.22781993	-0.53832627	DHRS11	dehydrogenase 11	79154
209087_x_at	-1.37184457	-0.39373799	MCAM	melanoma cell adhesion molecule	4162
222458_s_at	-1.29648579	-0.46784855	AKIRIN1	akirin 1	79647
204949_at	-0.75933711	-1.00388647	ICAM3	intercellular adhesion molecule 3	3385
1552612_at	-0.1326085	-1.62984938	CDC42SE2	CDC42 small GTP-binding protein 2	56990
227186_s_at	-1.20960743	-0.54632344	MRPL41	mitochondrial ribosomal protein L41	64975
209132_s_at	-1.13571668	-0.61933537	COMMD4	COMM domain-containing protein 4	54939
204488_at	-1.0277306	-0.72648177	DOLK	dolichol kinase	22845
225173_at	-0.18621832	-1.56366641	ARHGAP18	Rho GTPase activating protein 18	93663
205704_s_at	-1.2826474	-0.46596365	ATP6VOA2	ATPase, H+ transporting, V0 domain containing 2	23545
225978_at	-1.76856938	0.02153023	RIMKLB	ribosomal mitoribosome protein	57494
235113_at	-1.11605931	-0.63079501	PPIL5	peptidylprolyl isomerase 5	122769
239136_at	-0.71335675	-1.03216399	hCG_1818231	hCG1818231	728978
204204_at	-0.82525266	-0.9180604	SLC31A2	solute carrier family 31 member 2	1318
204616_at	-0.67552698	-1.06731508	UCHL3	ubiquitin carboxyl-terminal hydrolase L3	7347
223571_at	-1.31357466	-0.42722319	C1QTNF6	C1q and tumor necrosis factor receptor 6	114904
227674_at	-0.55992958	-1.18060387	ZNF585A	zinc finger protein 585A	199704
201822_at	-0.83158836	-0.90813016	TIMM17A	translocase of inner mitochondrial membrane 17A	10440
209836_x_at	-0.99031018	-0.74712892	BOLA2	bolA homolog 2	552900
229568_at	-1.36807166	-0.36897148	MOBKLB	MOB1, Mps1-binding protein	79817
208214_at	-1.06373371	-0.67321871	ADRB1	adrenergic beta-1 receptor	153
205534_at	-0.99729801	-0.73775078	PCDH7	protocadherin 7	5099
209136_s_at	-1.1969494	-0.53793267	USP10	ubiquitin specific protease 10	9100
202747_s_at	-0.64368125	-1.09104309	ITM2A	integral transmembrane protein 2A	9452
235653_s_at	-0.8477787	-0.88559277	THAP6	THAP domain protein 6	152815
225474_at	-1.87744907	0.14461461	MAGI1	membrane-associated guanylate kinase 1	9223
210278_s_at	-0.92838452	-0.80179599	AP4S1	adaptor-related protein 4B	11154
211016_x_at	-0.6103206	-1.11920806	HSPA4	heat shock 70 kDa protein 4	3308
213791_at	-1.29919127	-0.42979736	PENK	proenkephalin	5179
230257_s_at	-0.36983246	-1.3585249	TSEN15	tRNA splicing endonuclease 15	116461

210175_at	-0.76094773	-0.9651375	C2orf3	chromosome DNABF GCF 1	6936
214696_at	-1.85221946	0.12726144	C17orf91	chromosome DKFZp686006	84981
207826_s_at	-1.4840847	-0.24002146	ID3	inhibitor of DNA methylase 1 bHLH1	3399
209208_at	-0.90370866	-0.81823491	MPDU1	mannose-6-phosphate 6-phosphotransferase 148	9526
217933_s_at	-0.59131207	-1.13021024	LAP3	leucine aminoacyl-tRNA synthetase 3	51056
210075_at	-0.94430645	-0.77656867	2-Mar	membrane-associated HSPC240 MA	51257
202418_at	-0.74216752	-0.97778469	YIF1A	Yip1 interacting factor 54TM FinG	10897
203771_s_at	-0.43529805	-1.28464347	BLVRA	biliverdin reductase BLVR BVR BV	644
230445_at	-1.78421243	0.06562895	BTBD17	BTB (POZ) domain containing BTBD17A LGA	388419
224869_s_at	-1.01698174	-0.70133275	MRPS25	mitochondrial ribosomal protein S25	64432
208917_x_at	-0.80398838	-0.91401362	NADK	NAD kinase FLJ13052 FLJ13053	65220
220588_at	-0.37153196	-1.34545692	BCAS4	breast carcinoma associated protein 4	55653
221620_s_at	-0.82063232	-0.89628301	APOO	apolipoprotein O FAM121B MG	79135
218391_at	-0.74539866	-0.97109725	SNF8	SNF8, ESCRT-III component Dot3 EAP30 EAP31	11267
223917_s_at	-0.82871606	-0.88774542	SLC39A3	solute carrier ZIP3	29985
229873_at	-1.19743562	-0.51633328	KCTD21	potassium channel subunit 21	283219
205549_at	-0.80638929	-0.90647923	PCP4	Purkinje cell protein PEP-19	5121
228933_at	-1.50910781	-0.20131687	NHS	Nance-Horan syndrome protein DKFZp781F20	4810
206066_s_at	-0.5757877	-1.13439548	RAD51C	RAD51 homolog MGC104277 MG	5889
209310_s_at	-0.84702767	-0.86203596	CASP4	caspase 4, apoptosis inducing cell cycle arrest	837
202444_s_at	-0.51424184	-1.19369663	ERLIN1	ER lipid raft associated protein C10orf69 Erlin	10613
215708_s_at	-0.89515631	-0.81177293	PRIM2	primase, DNA MGC75142 P	5558
228515_at	-1.26308333	-0.44284012	LOC90784	hypothetical protein	90784
233543_s_at	-0.62657665	-1.07867871	FAM175A	family with sequence similarity ABRA1 CCDC9	84142
202787_s_at	-0.70351682	-0.99731043	MAPKAPK3	mitogen-activated protein kinase 3PK MAPKAP	7867
220658_s_at	-0.87763009	-0.8229693	ARNTL2	aryl hydrocarbon receptor nuclear translocator 2 CLIF I	56938
209018_s_at	-0.90756279	-0.79261403	PINK1	PTEN induced kinase BRPK FLJ2723	65018
230608_at	-1.0552129	-0.64409186	C1orf182	chromosome MGC26877 R	128229
212003_at	-0.80626704	-0.89261099	C1orf144	chromosome DKFZp566C04	26099
1559382_at	-1.69919993	0.00120154	C19orf42	chromosome MGC2747	79086
219979_s_at	-0.49687984	-1.20076328	C11orf73	chromosome FLJ43020 HSF	51501
1558819_at	-1.26707983	-0.43044992	LOC10013181	NA NA NA	
219646_at	-1.22602878	-0.46863301	DEF8	differentially expressed in fibrosis FLJ20186 MG	54849
226825_s_at	-0.93638356	-0.75714322	TMEM165	transmembrane protein TMPT27 TPA	55858
223113_at	-0.86380756	-0.82924199	TMEM138	transmembrane protein HSPC196	51524
201156_s_at	-0.62708407	-1.06346395	RAB5C	RAB5C, member of small GTP-binding protein family MGC117217 MG	5878
225975_at	-1.27899277	-0.41021791	PCDH18	protocadherin 18 DKFZp434B09	54510
226896_at	-0.78413351	-0.90477182	CHCHD1	coiled-coil-helical domain containing 1 C10orf34 C23	118487
223004_s_at	-0.54058791	-1.1477624	C3orf1	chromosome FLJ22597	51300
204424_s_at	-1.53454013	-0.15372407	LMO3	LIM domain containing protein 3 MG	55885
204283_at	-0.44797877	-1.23678449	FARS2	phenylalanyl-tRNA synthetase 2 HSPC3	10667
1554397_s_at	-0.29134464	-1.38912496	UEVLD	UEV and lactate dehydrogenase domain containing 1 FLJ1106	55293
207059_at	-1.00131625	-0.67637081	PAX9	paired box 9 STHAG3	5083
228645_at	-1.12565842	-0.54897838	SNHG9	small nucleolar RNA H9 DKFZp686N06	735301
211672_s_at	-0.56614553	-1.1078817	ARPC4	actin related protein 4 MG	10093
209577_at	-1.01394124	-0.65967681	PCYT2	phosphate cytosine transferase 2	5833
225404_at	-0.74145147	-0.93188391	C1orf212	chromosome FLJ90372 MG	113444
202890_at	-1.67315541	0	MAP7	microtubule-associated protein 7 E	9053

225301_s_at	-1.67181794	-0.00128542	MYO5B	myosin VB	KIAA1119	4645
205451_at	-0.87933645	-0.79321347	FOXO4	forkhead box	AFX AFX1 MC	4303
200659_s_at	-1.088427	-0.58347096	PHB	prohibitin	PHB1	5245
1555789_s_at	-0.69543835	-0.97556481	PHF23	PHD finger prc	FLJ16355 FLJ2	79142
230150_at	-1.58876406	-0.08054034	BCAP29	B-cell recepto	BAP29 DKFZp	55973
1556555_at	-1.32988564	-0.3385873	LOC10012946	hypothetical p-		100129461
201954_at	-1.12545361	-0.54265397	ARPC1B	actin related p	ARC41 p40-A	10095
223819_x_at	-0.94990534	-0.71627582	COMMD5	COMM domai	FLJ13008 HC/	28991
222519_s_at	-0.83219948	-0.83336474	IFT57	intraflagellar t	ESRRBL1 FLJ1	55081
1562583_s_at	-1.38786893	-0.27685024	RP11-756A22	transmembrai	LOC646405	646405
219088_s_at	-0.80452523	-0.85923332	ZNF576	zinc finger prc	FLJ22700 MG	79177
214913_at	-1.42825405	-0.23388357	ADAMTS3	ADAM metallc	ADAMTS-4 KI	9508
206112_at	-1.66159411	0	ANKRD7	ankyrin repea	TSA806	56311
235903_at	-1.19511033	-0.46501434	ANKS6	ankyrin repea	ANKRD14 DKI	203286
235712_at	0	-1.65932564	GAS5	growth arrest	NCRNA00030	60674
243547_at	-1.68161577	0.02231489	FLJ39639	hypothetical p-		283876
205873_at	-0.025864	-1.63269163	PIGL	phosphatidylti		9487
204605_at	-0.47501429	-1.18089897	CGRRF1	cell growth re	CGR19 RNF19	10668
219982_s_at	-1.0059616	-0.6496436	SERF1B	small EDRK-ric	FAM2B H4F5i	728492
210552_s_at	-1.20122305	-0.45404591	RALGPS1	Ral GEF with F	KIAA0351 RA	9649
210048_at	-0.6382048	-1.01553982	NAPG	N-ethylmalein	GAMMASNAP	8774
1561048_at	-0.14688409	-1.50671289	RARS2	arginyl-tRNA s	ArgRS DALRD	57038
1555564_a_at	-1.65245317	0	CFI	complement f	AHUS3 C3BIN	3426
229678_at	-1.68661165	0.03418276	LOC728431	hypothetical L-		728431
214527_s_at	-0.65840632	-0.99391902	PQBP1	polyglutamine	MRX55 MRXS	10084
227282_at	-1.80101455	0.14893398	PCDH19	protocadherin	DKFZp686P18	57526
202269_x_at	-1.28663507	-0.36471426	GBP1	guanylate bin-		2633
205350_at	-1.54526505	-0.10583908	CRABP1	cellular retino	CRABP CRABF	1381
223772_s_at	-0.97653583	-0.67323196	TMEM87A	transmembrai	DKFZp564G2C	25963
1554537_at	-1.48085687	-0.16823502	TMEM126B	transmembrai	HT007 MGC1	55863
201192_s_at	-0.91000893	-0.7340046	PITPNA	phosphatidylti	MGC99649 P	5306
201435_s_at	-0.63824236	-1.00522122	EIF4E	eukaryotic tra	CBP EIF4E1 E	1977
220474_at	-1.07792812	-0.56336006	SLC25A21	solute carrier	MGC126570	89874
214266_s_at	-1.64082113	0	PDLIM7	PDZ and LIM c	LMP1	9260
214729_at	-0.61437563	-1.02505034	TWISTNB	TWIST neighb-		221830
210292_s_at	-1.04616999	-0.59200164	PCDH11X	protocadherin	PCDH-X PCDH-	27328
239960_x_at	-0.62425899	-1.01356328	LYRM7	Lym7 homolc	C5orf31 FLJ2C	90624
213800_at	-1.68930905	0.05232206	CFH	complement f	AHUS1 ARMC	3075
221706_s_at	-0.3870805	-1.24989633	USE1	unconvention	MDS032 P31	55850
225772_s_at	-0.28790542	-1.3490467	C12orf62	chromosome	MGC14288	84987
226451_at	-1.00073888	-0.63585847	FDX1L	ferredoxin 1-li	MGC19604 M	112812
225823_at	-0.72375906	-0.91184825	C19orf70	chromosome	P117 QIL1	125988
1555274_a_at	-1.17714541	-0.45584966	SELI	selenoprotein	KIAA1724	85465
223874_at	-1.63611468	0.00408849	ACTR3C	ARP3 actin-rel	ARP11	653857
222109_at	-0.67832514	-0.95297959	GNL3L	guanine nucle	FLJ10613	54552
209083_at	-0.97582518	-0.65521392	CORO1A	coronin, actin	CLABP CLIPIN	11151
200055_at	-0.8977405	-0.73187534	TAF10	TAF10 RNA pc	TAF2A TAF2H	6881
212041_at	-0.61213643	-1.01737767	ATP6V0D1	ATPase, H+ tr:	ATP6D ATP6E	9114

225568_at	-0.70040026	-0.9289435	TMEM141	transmembrai MGC14141 R	85014
215464_s_at	-0.86039442	-0.7688194	TAX1BP3	Tax1 (human) TIP-1	30851
202083_s_at	-1.06449091	-0.5645466	SEC14L1	SEC14-like 1 (DKFZp686C06	6397
239148_at	-1.67070519	0.04236539	MARVELD3	MARVEL dom: FLJ32280 MA	91862
1558152_at	-1.62018646	-0.00747923	LOC10013126	hypothetical L-	100131262
218262_at	-0.89170666	-0.73582962	RMND5B	required for r DKFZp434K09	64777
211767_at	-0.98087517	-0.64653414	GINS4	GINS complex MGC14799 SI	84296
266_s_at	-1.73447578	0.11095896	CD24	CD24 molecul CD24A FLJ229	100133941
228810_at	-1.06898787	-0.55417098	CCNYL1	cyclin Y-like 1 FLJ40432	151195
1569283_at	-0.5328271	-1.09006127	hCG_1646157	hCG1646157 LOC440122	440122
212165_at	-0.87281636	-0.74952817	TMEM183A	transmembrai C1orf37	92703
1554417_s_at	-0.48147111	-1.13903849	APH1A	anterior phary 6530402N02R	51107
210830_s_at	-0.77459956	-0.84577547	PON2	paraoxonase 2-	5445
238931_at	-0.13550385	-1.48330602	METT10D	methyltransfe MGC3329	79066
1555935_s_at	0	-1.6176509	HUNK	hormonally up-	30811
225775_at	-1.00522279	-0.60891416	TSPAN33	tetraspanin 3: MGC50844 P	340348
206343_s_at	-0.97779772	-0.63569212	NRG1	neuregulin 1 ARIA GGF GC	3084
203114_at	-0.88449401	-0.72782684	SSSCA1	Sjogren syndri p27	10534
205542_at	-0.55087322	-1.05276937	STEAP1	six transmeml MGC19484 P	26872
228403_at	-1.53766735	-0.06518866	ENHO	energy homec C9orf165 UN	375704
208791_at	-1.80409486	0.20168418	CLU	clusterin AAG4 APOJ C	1191
218893_at	-0.80065048	-0.801643	ISOC2	isochorismata FLJ18582	79763
223101_s_at	-0.62051293	-0.98035676	ARPC5L	actin related 5 ARC16-2 MG	81873
204439_at	-1.04407643	-0.55572835	IFI44L	interferon-ind C1orf29 GS36	10964
225934_at	-0.94630905	-0.6532282	MRPL20	mitochondrial L20mt MGC4	55052
1559942_at	-0.7506194	-0.84883888	MDFIC	MyoD family i HIC	29969
229323_at	-1.47727494	-0.1208177	LOC387723	similar to hCG-	387723
204502_at	-0.42134818	-1.17609471	SAMHD1	SAM domain 3 AGS5 DCIP H	25939
209149_s_at	-0.94895479	-0.64789088	TM9SF1	transmembrai HMP70 MP70	10548
227086_at	-0.43376618	-1.16198047	C22orf39	chromosome DKFZp686I082	128977
238190_at	-1.11759156	-0.47785825	TUFM	Tu translation COXPD4 EF-T	7284
201551_s_at	-0.76967078	-0.82490355	LAMP1	lysosomal-ass CD107a LAMI	3916
202691_at	-1.05500289	-0.53925076	SNRPD1	small nuclear HsT2456 SMI	6632
222482_at	-1.45195286	-0.14148209	LOC10013185	hypothetical L-	100131851
211373_s_at	-0.96055529	-0.62825693	PSEN2	presenilin 2 (AD3L AD4 PS	5664
210182_at	-0.50202693	-1.0851458	CORT	cortistatin CST-14 CST-1	1325
213787_s_at	-0.6347447	-0.95182901	EBP	emopamil bin CDPX2 CHO2	10682
216532_x_at	-0.66941643	-0.91641309	LOC728344	similar to thio-	728344
226355_at	-0.65223962	-0.93235378	WDR51A	WD repeat do DKFZp434C24	25886
221270_s_at	-1.15614862	-0.42695168	QTRT1	queueine tRNA FP3235 TGT	81890
211212_s_at	-0.31197927	-1.26981831	ORC5L	origin recogni ORC5 ORC5P	5001
201781_s_at	-0.23148887	-1.34996113	AIP	aryl hydrocarl ARA9 FKBP16	9049
224467_s_at	-0.97122945	-0.60912435	PDCD2L	programmed i MGC13096	84306
214901_at	-1.61815359	0.03858978	ZNF8	zinc finger prc HF.18 Zfp128	7554
220807_at	-1.60119033	0.0222922	HBQ1	hemoglobin, t-	3049
235129_at	-1.50610508	-0.07275194	PPP1R1A	protein phosp-	5502
229450_at	-0.35519842	-1.22306922	IFIT3	interferon-ind CIG-49 GARG	3437
203225_s_at	-0.92251465	-0.65318991	RFK	riboflavin kina FLJ11149 RIFI	55312

206190_at	-1.57275568	0	GPR17	G protein-cou	DKFZp686M1:	2840
209540_at	-1.25591648	-0.31676646	IGF1	insulin-like gr	IGF1A IGFI	3479
209707_at	-0.68272421	-0.88995478	PIGK	phosphatidylii	GPI8 MGC22:	10026
225779_at	-1.0828016	-0.48868539	SLC27A4	solute carrier	ACSVL4 FATP	10999
210187_at	-0.44589271	-1.12514802	FKBP1A	FK506 binding	FKBP-12 FKBF	2280
209906_at	-1.64608079	0.07549344	C3AR1	complement c	AZ3B C3AR H	719
221531_at	-0.42437286	-1.14571774	WDR61	WD repeat do	REC14 SKI8	80349
211814_s_at	-0.96729918	-0.60132948	CCNE2	cyclin E2	CYCE2	9134
215099_s_at	-0.57842893	-0.98984624	RXRβ	retinoid X rec	DAUDI6 H-2R	6257
218743_at	-0.9130815	-0.65268472	CHMP6	chromatin mo	FLJ11749 VPS	79643
45633_at	-1.10962888	-0.45376499	GIN5	GIN5 complex	FLJ13912 PSF	64785
216671_x_at	-0.52450243	-1.03777019	MUC8	mucin 8	-	4590
205247_at	-0.82360741	-0.73853931	NOTCH4	Notch homolo	FLJ16302 INT	4855
226531_at	-0.82933933	-0.73077139	ORAI1	ORAI calcium	CRACM1 FLJ1	84876
211622_s_at	-0.74959549	-0.80826713	ARF3	ADP-ribosylati	-	377
230954_at	-1.0141962	-0.54318941	C20orf112	chromosome	C20orf113 Df	140688
238673_at	-0.02577631	-1.52925098	SAMD12	sterile alpha n	FLJ39458 MG	401474
213069_at	-1.66507984	0.11019865	HEG1	HEG homolog	HEG KIAA123	57493
232825_s_at	-1.40832407	-0.14607467	DSEL	dermatan sulf	C18orf4	92126
1569030_s_at	-1.13355558	-0.42083469	NUB1	negative regu	BS4 NUB1L N	51667
218345_at	-0.89704326	-0.65624817	TMEM176A	transmembra	GS188 HCA11	55365
213279_at	-0.94867198	-0.60434993	DHRS1	dehydrogenas	DKFZp586I05:	115817
228272_at	-1.12254203	-0.43005804	DNLZ	DNL-type zinc	C9orf151 HEF	728489
207495_at	-0.30724524	-1.24389962	RAB28	RAB28, membe	MGC41862	9364
1554918_a_at	-0.91516554	-0.63339602	ABCC4	ATP-binding c	EST170205 M	10257
241713_s_at	-1.02510436	-0.52125488	DYX1C1	dyslexia susce	DYX1 DYXC1	161582
207761_s_at	-0.29193472	-1.25195296	METTL7A	methyltransfe	AAM-B DKFZ:	25840
218504_at	-0.71095526	-0.83090115	FAHD2A	fumarylaceto:	CGI-105 MGC	51011
204916_at	-0.58384636	-0.95731021	RAMP1	receptor (G pr	-	10267
233843_at	-1.66186021	0.12128557	ZBTB12	zinc finger anc	Bat9 C6orf46	221527
209309_at	-1.53658768	-0.00357416	AZGP1	alpha-2-glyco	ZA2G ZAG	563
200739_s_at	-0.58781199	-0.95022538	SUMO3	SMT3 suppress	SMT3A SMT3	6612
204247_s_at	-0.99788544	-0.53987755	CDK5	cyclin-depend	PSSALRE	1020
209567_at	-0.8706028	-0.66648744	RRS1	RRS1 ribosom	KIAA0112	23212
211502_s_at	-0.99853591	-0.53608314	PFTK1	PFTAIRE prote	KIAA0834 PFI	5218
240228_at	0.01190753	-1.54629206	CSMD3	CUB and Sush	KIAA1894	114788
225401_at	-0.79571636	-0.73839807	C1orf85	chromosome	MGC31963 N	112770
210892_s_at	-0.79529943	-0.73672923	GTF2I	general transc	BAP135 BTKA	2969
211161_s_at	-1.45996485	-0.07105273	COL3A1	collagen, type	EDS4A FLJ34:	1281
233110_s_at	-0.69346207	-0.83707648	BCL2L12	BCL2-like 12	( MGC120313	83596
210482_x_at	-1.23958607	-0.29006858	MAP2K5	mitogen-activ	HsT17454 M/	5607
1554216_at	-0.68419292	-0.84491776	CCDC132	coiled-coil do	FLJ20097 FLJ:	55610
209608_s_at	-0.8962732	-0.63267491	ACAT2	acetyl-Coenzy	-	39
210734_x_at	-0.41616475	-1.1113798	MAX	MYC associate	MGC10775 M	4149
210788_s_at	-0.34318195	-1.18175678	DHRS7	dehydrogenas	CGI-86 SDR3:	51635
222561_at	-1.09880471	-0.4250209	LANCL2	LanC lantibiot	GPR69B MGC	55915
204966_at	-1.47873672	-0.04456618	BAI2	brain-specific	-	576
202943_s_at	-1.22891258	-0.29362545	NAGA	N-acetylgalact	D22S674 GAL	4668

233297_s_at	-0.71320103	-0.80907376	C13orf38	chromosome FLJ13506 FLJ:	728591
219819_s_at	-0.63142195	-0.88946057	MRPS28	mitochondrial FLJ22853 HSF	28957
217499_x_at	-0.78482838	-0.73482279	OR7E38P	olfactory rece OR7E76 OST1	389537
220134_x_at	-0.87484486	-0.6436614	FAM176B	family with se C1orf78 FLJ10	55194
219131_at	-0.64966096	-0.86558348	UBIAD1	UbiA prenyltr:RP4-796F18.1	29914
241433_at	-0.57826429	-0.93673706	RCOR3	REST corepres FLJ10876 FLJ:	55758
205190_at	-0.57913781	-0.93570585	PLS1	plastin 1 (I iso FIMBRIN Plas	5357
1552684_a_at	0.03533519	-1.54784791	SENPA8	SUMO/sentrir DEN1 NEDP1	123228
221995_s_at	-0.78712966	-0.72527228	MRP63	mitochondrial MGC3243 bM	78988
212527_at	-0.93409331	-0.57618511	PPPDE2	PPPDE peptid:D15Wsu75e I	27351
225105_at	-1.0457606	-0.46385246	C12orf75	chromosome MGC148100	387882
239898_x_at	-0.99487219	-0.51465332	ZNF286A	zinc finger prc KIAA1874 MC	57335
1552761_at	-1.79473098	0.28560781	SLC16A11	solute carrier FLJ90193 MC	162515
203089_s_at	-1.1658255	-0.34234896	HTRA2	HtrA serine pe OMI PARK13	27429
225485_at	-0.91501918	-0.59262325	TSGA14	testis specific, Cep41 DKFZp	95681
228809_at	-0.75430002	-0.75321808	CXorf40A	chromosome CXorf40 EOLA	91966
241733_at	-0.26121195	-1.24546034	C18orf54	chromosome MGC33382	162681
1555606_a_at	-0.39455715	-1.11128031	GDPD1	glycerophosph FLJ27503 FLJ:	284161
202138_x_at	-0.59376547	-0.91170978	AIMP2	aminoacyl tRN JTV-1 JTV1 P:	7965
227083_at	-1.12747087	-0.37598082	B3GALT1	beta 1,3-galac B3GLCT B3GT	145173
208361_s_at	-0.85527747	-0.64765018	POLR3D	polymerase (F BN51T RPC4	661
227716_at	-1.34890587	-0.15383866	UBXN11	UBX domain p COA-1 DKFZp	91544
219702_at	-1.03601009	-0.46648332	PLAC1	placenta-spec CT92	10761
207111_at	-0.03121529	-1.46992748	EMR1	egf-like modu TM7LN3	2015
221591_s_at	-0.25244328	-1.24823828	FAM64A	family with se FLJ10156 FLJ:	54478
201771_at	-0.47136786	-1.0289426	SCAMP3	secretory carr C1orf3	10067
40837_at	-1.34725609	-0.15146141	TLE2	transducin-like ESG ESG2 FLJ	7089
228890_at	-1.54157327	0.04345862	ATOX1	atonal homolog FLJ14708 FLJ:	84913
207398_at	-0.2827184	-1.21514359	HOXD13	homeobox D1 BDE BDSB H	3239
204798_at	-1.17861632	-0.31701859	MYB	v-myb myelob: Cmyb c-myb	4602
206326_at	-1.3147306	-0.18055666	GRP	gastrin-releasi BN GRP-10 p	2922
209712_at	-1.33541954	-0.15946513	SLC35D1	solute carrier KIAA0260 MC	23169
208492_at	-1.15561357	-0.33819005	RFXAP	regulatory fac -	5994
1564371_a_at	-1.49350823	0	CASC2	cancer suscep C10orf5 MGC	255082
201267_s_at	-0.65417757	-0.83839621	PSMC3	proteasome (p MGC8487 TB	5702
238511_at	-0.96391615	-0.52862413	ARID3B	AT rich intera: BDP DRIL2	10620
214011_s_at	-0.95817136	-0.53422806	NOP16	NOP16 nuclec HSPC111 HSP	51491
219031_s_at	-0.95874753	-0.53217303	NIP7	nuclear impor CGI-37 FLJ10:	51388
1556012_at	-1.39613753	-0.0946253	KLHDC7A	kelch domain FLJ38753 RP1	127707
223355_at	-0.77255766	-0.71585971	ALG1	asparagine-lin HMAT1 HMT-	56052
211744_s_at	-0.66261102	-0.82092941	CD58	CD58 molecul FLJ23181 FLJ:	965
225427_s_at	-0.74375044	-0.73850737	APOA1BP	apolipoprotei: AIBP MGC11:	128240
202758_s_at	-0.77203298	-0.71014928	RFXANK	regulatory fac ANKRA1 BLS	8625
201228_s_at	-0.5652549	-0.91664126	ARIH2	ariadne homo ARI2 FLJ1093	10425
1558508_a_at	-0.90013674	-0.58166115	C1orf53	chromosome -	388722
210821_x_at	0.25441048	-1.73542329	CENPA	centromere p CENP-A	1058
230123_at	-0.67564418	-0.80496516	NECAP2	NECAP endoc: FLJ10420	55707
210995_s_at	-0.72867589	-0.75168946	TRIM23	tripartite mot ARD1 ARFD1	373

224130_s_at	-0.70546786	-0.77455278	SRA1	steroid recept	MGC87674 SI	10011
226781_at	-0.68738042	-0.79147245	C7orf55	chromosome	FLJ35699 FM	154791
226410_at	-0.76464934	-0.71377253	CTU2	cytosolic thio	C16orf84 MG	348180
225967_s_at	-0.80960973	-0.6684618	C17orf89	chromosome	-	284184
227332_at	-0.3742688	-1.10222826	LOC10012902	NA	NA	NA
240898_at	-0.09030353	-1.38582798	SPAG16	sperm associa	DKFZp666P17	79582
206241_at	-0.5201588	-0.95557704	KPNA5	karyopherin a	IPOA6 SRP6	3841
235223_at	-1.00961873	-0.46551259	C6orf153	chromosome	dJ20C7.4	88745
201714_at	-1.08877452	-0.38599085	TUBG1	tubulin, gamr	GCP-1 TUBG	7283
236937_at	-0.52696029	-0.94736537	VPS8	vacuolar prot	FLJ32099 KIA	23355
205090_s_at	-1.4797703	0.00640917	NAGPA	N-acetylgluco	APAA UCE	51172
219082_at	-0.75396929	-0.71928019	AMDHD2	amidohydroლა	CGI-14	51005
219581_at	-1.22999728	-0.24218253	TSEN2	tRNA splicing	MGC2776 MC	80746
205433_at	-0.45853255	-1.01322387	BCHE	butyrylcholine	CHE1 E1	590
227660_at	-1.15629875	-0.31520174	ANTXR1	anthrax toxin	ATR FLJ10601	84168
235479_at	-0.85806423	-0.61297075	CPEB2	cytoplasmic p	MGC119575	132864
213547_at	-1.51939286	0.04916882	CAND2	cullin-associat	KIAA0667 TIP	23066
231015_at	-1.53216387	0.06200871	KLF15	Kruppel-like f	DKFZp779M1:	28999
219556_at	-1.0839142	-0.3856721	C16orf59	chromosome	FLJ13909	80178
219575_s_at	-0.82921234	-0.63957552	PDF	peptide defor	-	64146
218897_at	-0.86791404	-0.59982107	TMEM177	transmembra	MGC10993	80775
226484_at	-0.94605223	-0.52159463	ZBTB47	zinc finger anc	DKFZp434N06	92999
214847_s_at	-1.46725777	0	GPSM3	G-protein sign	AGS4 C6orf9	63940
46142_at	-0.55868056	-0.90836645	LMF1	lipase matura	C16orf26 FLJ:	64788
223369_at	-0.60840882	-0.85750994	METTL11A	methyltransfe	AD-003 C9orf	28989
235667_at	-0.09478391	-1.37111463	LOC643783	hypothetical L	-	643783
214590_s_at	-0.45156508	-1.01331211	UBE2D1	ubiquitin-conj	E2(17)KB1 SF	7321
209363_s_at	-0.48816564	-0.97644116	MED21	mediator com	SRB7 SURB7	9412
212713_at	-0.8296878	-0.63486507	MFAP4	microfibrillar	-	4239
211801_x_at	-0.40669678	-1.0569344	MFN1	mitofusin 1	DKFZp762F24	55669
211697_x_at	-0.54677016	-0.91626984	PNO1	partner of NO	KHRBP1	56902
203606_at	-0.77813943	-0.68477289	NDUFS6	NADH dehydr	C113KDA	4726
205115_s_at	-0.96962996	-0.49304537	RBM19	RNA binding n	DKFZp586F10	9904
210752_s_at	-0.11456721	-1.34665319	MLX	MAX-like prot	MAD7 MXD7	6945
212736_at	-1.41608886	-0.04458589	C16orf45	chromosome	FLJ32618	89927
203252_at	-0.66423253	-0.796202	CDK2AP2	cyclin-depend	DOC-1R FLJ1C	10263
230502_s_at	-0.00281434	-1.45746149	LOC149832	hypothetical f	-	149832
203677_s_at	-0.90692946	-0.55318558	TARBP2	TAR (HIV-1) R	ILOQS TRBP T	6895
208579_x_at	-0.98701914	-0.47220486	H2BFS	H2B histone f	-	54145
214140_at	-0.93180763	-0.52689066	SLC25A16	solute carrier	D10S105E GC	8034
207917_at	-1.45812401	0	NUDT13	nudix (nucleo	-	25961
78383_at	-0.4353983	-1.01861408	LOC10012925	similar to hCG	-	100129250
242304_at	-0.64000728	-0.81395851	WIBG	within bgcn h	MGC13064 P'	84305
213379_at	-0.91412373	-0.53964805	COQ2	coenzyme Q2	CL640 FLJ130	27235
220182_at	-0.91435919	-0.5390777	SLC25A23	solute carrier	APC2 MCSC2	79085
227606_s_at	-0.35347135	-1.09994211	STAMBPL1	STAM binding	ALMalpha AN	57559
204363_at	-1.37544213	-0.0775411	F3	coagulation fa	CD142 TF TF,	2152
222256_s_at	-0.70483403	-0.74716277	JMJD7	jumonji doma	FLJ20543 FLJ:	100137047

223888_s_at	-0.16968588	-1.28218727	LARS	leucyl-tRNA <sub>lys</sub> FLJ10595 FLJ1	51520
206108_s_at	-0.99506116	-0.45658217	SFRS6	splicing factor B52 FLJ08061	6431
210793_s_at	-1.48725281	0.03607653	NUP98	nucleoporin 9 ADIR2 NUP19	4928
207899_at	-1.42740946	-0.0235578	GIP	gastric inhibiti-	2695
223461_at	-0.72184007	-0.72799387	TBC1D7	TBC1 domain DKFZp686N23	51256
213880_at	-1.12296835	-0.32410714	LGR5	leucine-rich reFEX GPR49 G	8549
202546_at	-0.46329757	-0.98254173	VAMP8	vesicle-associi EDB	8673
202024_at	-0.85006042	-0.59533399	ASNA1	arsA arsenite t ARSA-I ARSA1	439
214710_s_at	-0.30577013	-1.13902007	CCNB1	cyclin B1 CCNB	891
202358_s_at	-0.84047524	-0.60293735	SNX19	sorting nexin :CHET8 DKFZp	399979
201284_s_at	-0.79549107	-0.64657883	APEH	N-acylaminoac ACPH APH D:	327
223742_at	-1.07416003	-0.36754962	MRPL4	mitochondrial CGI-28 L4mt	51073
202257_s_at	-0.90737841	-0.53338327	CD2BP2	CD2 (cytoplas FWP010 LIN1	10421
221601_s_at	-0.00975653	-1.42811492	FAIM3	Fas apoptotic FcmR TOSO	9214
223275_at	-0.96519261	-0.47260408	PRMT6	protein arginini FLJ10559 FLJ:	55170
228800_x_at	-0.96572332	-0.47102526	CCNL2	cyclin L2 ANIA-6B CCN	81669
227102_at	-1.14294107	-0.29270753	TRIM35	tripartite mot HLS5 KIAA10:	23087
223511_at	-1.05194206	-0.38342643	C1orf124	chromosome DDDL1880 Df	83932
238725_at	-1.03164828	-0.40274429	IRF1	interferon reg IRF-1 MAR	3659
1558775_s_at	-0.55219602	-0.88210591	NSMAF	neutral sphing FAN	8439
206719_at	-1.15213637	-0.28186492	SYNGR4	synaptogyrin :MGC125805	23546
225329_at	-0.67190305	-0.76136877	FAM195B	family with se DKFZp686A17	348262
203028_s_at	-0.21600916	-1.21710956	CYBA	cytochrome b p22-PHOX	1535
223894_s_at	-0.55398976	-0.87853105	AKTIP	AKT interactin FT1 FTS	64400
206028_s_at	-0.4260072	-1.0065052	MERTK	c-mer proto-onc MER MGC13:	10461
216604_s_at	-0.87574573	-0.5562952	SLC7A8	solute carrier LAT2 LPI-PC1	23428
232035_at	-0.98315545	-0.44862686	HIST1H4B	histone cluste H4/I H4FI	8366
235069_at	-0.67667671	-0.75413212	TATDN3	TatD DNase d:MGC142198	128387
205020_s_at	-0.75672217	-0.67228319	ARL4A	ADP-ribosylati ARL4	10124
221194_s_at	0.03457274	-1.46276286	RNFT1	ring finger prc MGC111090	51136
218332_at	-1.03724304	-0.39051832	BEX1	brain expressi BEX2 HBEX2	55859
219706_at	-0.97085747	-0.45679258	C20orf29	chromosome FLJ11168	55317
207811_at	-1.20408059	-0.22290213	KRT12	keratin 12 K12	3859
204233_s_at	-0.25472541	-1.17197719	CHKA	choline kinase CHK CKI	1119
218405_at	-0.57952359	-0.84712739	ABT1	activator of b: hABT1	29777
202866_at	-1.15626508	-0.27032367	DNAJB12	DnaJ (Hsp40) DJ10 DKFZp5:	54788
226574_at	-1.16484582	-0.26169211	PSPC1	paraspeckle c: DKFZp566B14	55269
225723_at	-0.45006889	-0.9752595	C6orf129	chromosome HSPC265 MG	154467
223390_at	-0.85471944	-0.56961044	C9orf37	chromosome -	85026
219676_at	-1.30423932	-0.12007366	ZSCAN16	zinc finger anc FLJ22191 ZNF	80345
226239_at	-1.12641959	-0.29691147	TMEM150A	transmembrai FLJ90024 TM:	129303
227652_at	-0.4036758	-1.01909015	FAM69B	family with se C9orf136 MG	138311
205354_at	-0.68294936	-0.73935574	GAMT	guanidinoacet PIG2 TP53I2	2593
202263_at	-0.66511428	-0.75594961	CYB5R1	cytochrome b B5R.1 B5R1 f	51706
220865_s_at	-1.04921299	-0.37177969	PDSS1	prenyl (decap COQ1 DPS) M	23590
202002_at	0.01264102	-1.4330702	ACAA2	acetyl-Coenzy DSAEC FLJ35:	10449
219110_at	-0.8196026	-0.6006529	GAR1	GAR1 ribonuc NOLA1	54433
222946_s_at	-1.10110482	-0.31897546	C1orf135	chromosome AIBP FLJ1426	79000



1553048_a_at	-0.42864514	-0.99099207	PIP4K2B	phosphatidylii PI5P4KB PIP5	8396
214761_at	-0.93751364	-0.48120421	ZNF423	zinc finger prc Ebfaz KIAA07	23090
202902_s_at	0.39361552	-1.80975819	CTSS	cathepsin S MGC3886	1520
229128_s_at	-0.18164266	-1.23424391	ANP32E	acidic (leucine LANP-L LANP	81611
222500_at	-0.75958589	-0.65617978	PPIL1	peptidylprolyl CGI-124 CYPL	51645
202903_at	-0.61356439	-0.80197705	LSM5	LSM5 homolo FLJ12710 YER	23658
226168_at	-0.8014677	-0.61363462	ZFAND2B	zinc finger, AN-	130617
226073_at	-0.72494804	-0.69009717	TMEM218	transmembrai DKFZp667A24	219854
222555_s_at	-0.30677064	-1.10718525	MRPL44	mitochondrial FLJ12701 FLJ	65080
203022_at	-0.60097194	-0.8126723	RNASEH2A	ribonuclease I AGS4 JUNB R	10535
211406_at	-0.36416595	-1.04708155	IER3IP1	immediate ea HSPC039 PRC	51124
221187_s_at	-1.03310717	-0.37762809	FUZ	fuzzy homolo FLJ22688 FY	80199
218163_at	-0.40993217	-1.00058538	MCTS1	malignant T c FLJ39637 MC	28985
218260_at	-0.79216815	-0.61713721	DDA1	DET1 and DDE C19orf58 MG	79016
228542_at	-0.78573864	-0.62332077	MRS2	MRS2 magnes HPT MGC785	57380
214205_x_at	-0.65295667	-0.75576759	GLRX3	glutaredoxin 3 FLJ11864 GLF	10539
229428_at	-1.09423973	-0.31424018	LOC10013241	Uncharacteriz -	100132418
218072_at	-1.16963671	-0.23754462	COMMD9	COMM domai FLJ31106 HSF	29099
236075_s_at	-0.68671339	-0.71909915	LOC10012967	NA NA NA	
220949_s_at	-1.05746459	-0.34803315	C7orf49	chromosome FLJ22450 FLJ	78996
204081_at	-0.21471096	-1.1903221	NRGN	neurogranin ( RC3 hng	4900
201905_s_at	-0.44285181	-0.96203656	CTDSPL	CTD (carboxy- C3orf8 HYA2	10217
209478_at	-0.86908024	-0.53463212	STRA13	stimulated by MGC14480	201254
219056_at	-1.13703536	-0.26632077	RNASEH2B	ribonuclease I AGS2 DLEU8	79621
209833_at	-0.16736103	-1.23539122	CRADD	CASP2 and RIF MGC9163 RA	8738
1568868_at	-1.34725811	-0.05500929	CYP27C1	cytochrome P FLJ16008	339761
209871_s_at	-1.61246432	0.21141251	APBA2	amyloid beta (D15S1518E H	321
229884_s_at	-0.52788997	-0.87216715	MRPL2	mitochondrial CGI-22 MRP-I	51069
222922_at	-0.72912622	-0.67091353	KCNE3	potassium vol DKFZp781H21	10008
230274_s_at	-1.33704891	-0.06250019	NUP88	nucleoporin 8 MGC8530	4927
227096_at	-0.8140749	-0.58477738	JOSD2	Josephin dom FLJ29018 SBB	126119
211611_s_at	-0.5542233	-0.84454874	CREBL1 ATF6	activating trar CREB-RP CRE	1388
239295_at	-0.67192662	-0.72667556	SFRS13B	splicing factor FLJ14459 FLJ	135295
219384_s_at	-1.06565938	-0.33269035	ADAT1	adenosine de; HADAT1	23536
202108_at	-0.83312608	-0.56447235	PEPD	peptidase D MGC10905 P	5184
1563111_a_at	-0.22752967	-1.16975179	PIGX	phosphatidylii FLJ20522	54965
214453_s_at	-0.55348531	-0.84294996	IFI44	interferon-ind MTAP44 p44	10561
209891_at	-0.59318254	-0.80173993	SPC25	SPC25, NDC8C AD024 MGC2	57405
225464_at	-1.61984287	0.22599475	FRMD6	FERM domain C14orf31 EX1	122786
242069_at	-0.50509749	-0.88831526	CBX5	chromobox hc HP1 HP1A	23468
223791_at	-0.65009684	-0.7429289	FAM27A	family with se FAM27A1 MC	548321
223048_at	-0.4851904	-0.90699193	SDHAF2	succinate deh C11orf79 FLJ	54949
202740_at	-1.07173571	-0.32025004	ACY1	aminoacylase ACY1D ACYLA	95
222527_s_at	-0.26686401	-1.12362768	RBM22	RNA binding n FLJ10290 ZC3	55696
229461_x_at	-0.91847743	-0.4716072	NEGR1	neuronal grov DMML2433 H	257194
225294_s_at	-0.75503198	-0.63431889	TRAPP1	trafficking pro BET5 MUM2	58485
204224_s_at	-0.95274859	-0.43593027	GCH1	GTP cyclohydr DYT14 DYT5	2643
217782_s_at	-1.01749069	-0.37038912	GPS1	G protein patl COPS1 CSN1	2873

226380_at	-0.89580683	-0.49074384	PTPN21	protein tyrosin PTPD1 PTPRL	11099
232591_s_at	-0.28260502	-1.10322056	TMEM30A	transmembran C6orf67 CDC	55754
222584_at	-1.13749789	-0.24813657	MSTO1	misato homolog DKFZp686B17	55154
227936_at	-0.63814418	-0.74262277	TMEM68	transmembran FLJ32370 MG	137695
238962_at	-0.41791177	-0.96278887	ZNF681	zinc finger prc FLJ31526	148213
224825_at	-0.73770783	-0.64236803	DNTTIP1	deoxynucleoti C20orf167 Td	116092
221036_s_at	-0.32033204	-1.05959007	APH1B	anterior phary APH-1B DKFZ	83464
214111_at	-0.8954783	-0.48194304	OPCML	opioid binding IGLON1 OBC	4978
201490_s_at	-0.4966625	-0.8794003	PIIF	peptidylprolyl CYP3 Cyp-D f	10105
208751_at	-0.74670203	-0.62925117	NAPA	N-ethylmalein SNAPA	8775
1553338_at	-0.91151761	-0.46400477	C1orf55	chromosome FLJ35382 RP4	163859
233910_at	-1.16089987	-0.21315965	TMEFF2	transmembran HPP1 TENB2	23671
231914_at	-0.02765795	-1.34435662	NUDT14	nudix (nucleo: UGPP UGPPa	256281
240449_at	-0.81461457	-0.55520875	ZNF341	zinc finger prc -	84905
227804_at	-1.04189799	-0.32714491	TLCD1	TLC domain cc -	116238
208997_s_at	-0.71665479	-0.65233707	UCP2	uncoupling pr BMIQ4 SLC25	7351
219730_at	0.40610153	-1.7750648	MED18	mediator com FLJ20045 p28	54797
201137_s_at	-0.53086588	-0.83501648	HLA-DPB1	major histoco DPB1 HLA-DP	3115
223109_at	-0.77083999	-0.59502467	TRUB2	TruB pseudou CLONE24922	26995
221604_s_at	-0.66758264	-0.69705873	PEX16	peroxisomal b -	9409
229523_at	-1.17975066	-0.18480271	TMEM200C	transmembran TTMA	645369
211855_s_at	-0.79178718	-0.57269887	SLC25A14	solute carrier BMCP1 MGC:	9016
236834_at	-0.78252034	-0.58158668	SCFD2	sec1 family dc FLJ21060 FLJ:	152579
201337_s_at	-0.50494746	-0.85899528	VAMP3	vesicle-associ: CEB	9341
223154_at	-0.82187267	-0.54175802	MRPL1	mitochondrial BM022 FLJ96	65008
227211_at	-1.24108121	-0.12252267	PHF19	PHD finger prc MGC131698	26147
203931_s_at	-0.79438506	-0.56779477	MRPL12	mitochondrial 5c5-2 FLJ601:	6182
218817_at	-0.71324657	-0.64808543	SPCS3	signal peptida DKFZp564J18	60559
218493_at	-0.88119277	-0.47951904	SNRNP25	small nuclear C16orf33 FLJ:	79622
232629_at	-1.34153857	-0.01899837	PROK2	prokineticin 2 BV8 KAL4 MI	60675
223649_s_at	-1.00943808	-0.35084536	SLC25A39	solute carrier CGI-69 CGI69	51629
218856_at	-1.14096439	-0.21883357	TNFRSF21	tumor necrosi BM-018 DR6	27242
220941_s_at	-0.94742921	-0.41152123	C21orf91	chromosome C21orf14 C21	54149
218201_at	-0.65866844	-0.69962561	NDUFB2	NADH dehydr AGGG CI-AGC	4708
1557455_s_at	-0.03332183	-1.32383913	MOSPD1	motile sperm DJ473B4	56180
204378_at	-1.27464709	-0.07867082	BCAS1	breast carcino AIBC1 NABC1	8537
206805_at	-1.34182992	-0.01089578	SEMA3A	sema domain, Hsema-I Hser	10371
1555797_a_at	-0.39814128	-0.95453984	ARPC5	actin related r ARC16 MGC8	10092
224334_s_at	-0.4498804	-0.90118045	MRPL51	mitochondrial CDA09 HSPC2	51258
202349_at	-0.90238955	-0.4453115	TOR1A	torsin family 1DQ2 DYT1	1861
213238_at	-0.9407919	-0.40630331	ATP10D	ATPase, class 'ATPVD KIAA1	57205
227063_at	-0.3363404	-1.01022681	C17orf61	chromosome MGC40107	254863
227219_x_at	-1.23134371	-0.1150769	MAP1LC3A	microtubule-a LC3 LC3A MA	84557
231300_at	-0.5951719	-0.75037455	C16orf93	chromosome MGC104706	90835
228802_at	-0.94806103	-0.39530148	RBPMS2	RNA binding p -	348093
208717_at	-0.83317251	-0.51008296	OXA1L	oxidase (cytoc MGC133129	5018
1552485_at	0.02662546	-1.36963065	LACTB	lactamase, be FLJ14902 G2	114294
213926_s_at	-0.94809382	-0.39446935	AGFG1	ArfGAP with F DKFZp686I15:	3267

206199_at	-1.33997132	-0.00248638	CEACAM7	carcinoembry CEA CGM2	1087
203008_x_at	-0.61009468	-0.73159713	TXNDC9	thioredoxin dκAPACD PHLP3	10190
203785_s_at	-0.85613041	-0.48544137	DDX28	DEAD (Asp-Glu FLJ11282 MD	55794
215631_s_at	-0.97773085	-0.36334891	BRMS1	breast cancer DKFZp564A06	25855
222752_s_at	-0.71756078	-0.62263923	TMEM206	transmembran C1orf75 FLJ10	55248
209350_s_at	-0.93806144	-0.40208145	GPS2	G protein patl AMF-1 MGC1	2874
40273_at	-0.80865942	-0.52834199	DBP	D site of albur DABP	1628
225521_at	-1.28579417	-0.05082139	ANAPC7	anaphase proi APC7	51434
235349_at	-0.57336663	-0.76251293	FAM82A1	family with se BLOCK18 FAN	151393
227070_at	-0.72323882	-0.61220955	GLT8D2	glycosyltransf FLJ31494	83468
204525_at	-0.6040811	-0.72899913	PHF14	PHD finger pro MGC176640	9678
236150_at	-1.29007403	-0.04174373	AGPHD1	aminoglycosic -	123688
226632_at	0.06153008	-1.39290076	CYGB	cytoglobin HGB STAP	114757
204415_at	-0.33966777	-0.99102421	IFI6	interferon, alç 6-16 FAM14C	2537
205543_at	-0.82566398	-0.50485983	HSPA4L	heat shock 70 APG-1 Osp94	22824
204646_at	-0.52751789	-0.80285852	DPYD	dihydropyrimi DHP DHPDHA	1806
209204_at	-0.97550988	-0.35391879	LMO4	LIM domain o -	8543
214838_at	-0.98992306	-0.33929949	SFT2D2	SFT2 domain ç FLJ34085 UN	375035
223622_s_at	-0.81716585	-0.50906269	HYI	hydroxypyruv HT036 MGC2	81888
1569190_at	-0.34671382	-0.97934526	SCLT1	sodium chann CAP1A FLJ306	132320
202092_s_at	-0.56484306	-0.75951431	ARL2BP	ADP-ribosylati BART BART1	23568
237209_s_at	-0.16629389	-1.1580054	NFRKB	nuclear factor DKFZp547B20	4798
209622_at	-0.44074449	-0.88260988	STK16	serine/threon FLJ39635 KRC	8576
223394_at	-0.42738313	-0.89395278	SERTAD1	SERTA domair SEI1 TRIP-Br1	29950
232990_at	-1.02496592	-0.29602092	FAM104B	family with se CXorf44 FLJ18	90736
212694_s_at	-0.38600335	-0.93491721	PCCB	propionyl Coe DKFZp451E11	5096
226845_s_at	-0.83351488	-0.4861874	MYEOV2	myeloma over-	150678
220659_s_at	-0.91104252	-0.40846871	C7orf43	chromosome DKFZp761G07	55262
230724_s_at	-0.36482341	-0.95450578	C11orf57	chromosome FLJ10726	55216
209198_s_at	-0.91206002	-0.40663084	SYT11	synaptotagmi DKFZp781D01	23208
203324_s_at	-1.08069494	-0.23610858	CAV2	caveolin 2 CAV MGC122	858
224478_s_at	-0.70071988	-0.61457814	C7orf50	chromosome MGC11257 Yi	84310
205911_at	-1.51772589	0.20254517	PTH1R	parathyroid h MGC138426	5745
1554017_at	-1.12032273	-0.19438633	RILPL1	Rab interactin FLJ39378 MG	353116
1563933_a_at	-0.88051053	-0.43399015	PLD5	phospholipase FLJ40773 MG	200150
222327_x_at	-0.48577277	-0.82621189	OR7E156P	olfactory rece -	283491
226761_at	-0.44954404	-0.86227947	IKZF4	IKAROS family EOS KIAA178:	64375
238164_at	-0.38784969	-0.92025523	USP6NL	USP6 N-termi KIAA0019 RN	9712
243529_at	-0.88873156	-0.41933264	MARS2	methionyl-tRN MetRS mtMe	92935
217959_s_at	-0.56665272	-0.74015424	TRAPPC4	trafficking pro CGI-104 HSPC	51399
201667_at	-0.71595791	-0.58989706	GJA1	gap junction p CX43 DFNB38	2697
226466_s_at	-1.08331015	-0.22250632	FAM58A	family with se MGC29729 S	92002
227352_at	-0.68952044	-0.61622476	C19orf39	chromosome FLJ35119 MG	126074
209177_at	-0.760258	-0.54544323	NDUFAF3	NADH dehydr 2P1 C3orf60	25915
202069_s_at	-0.63681582	-0.66883901	IDH3A	isocitrate deh -	3419
213461_at	-0.6784616	-0.62651511	NUDT21	nudix (nucleo: CFIM25 CPSF:	11051
225254_at	-0.70706209	-0.59664411	CCDC97	coiled-coil dor FLJ40267 MG	90324
214612_x_at	-1.3032211	0	MAGEA6	melanoma an CT1.6 MAGE-	4105

200803_s_at	-0.34653236	-0.95668844	TMBIM6	transmembrai BAXI1 BI-1 Tf	7009
214500_at	-0.70358275	-0.59871917	H2AFY	H2A histone f: H2A.y H2A/y	9555
202407_s_at	-0.76971569	-0.53156651	PRPF31	PRP31 pre-mF DKFZp566J15:	26121
225593_at	-0.52008347	-0.78094376	LSM10	LSM10, U7 sm MGC15749 N	84967
206732_at	-0.15230256	-1.14860667	SLITRK3	SLIT and NTRK KIAA0848 MC	22865
217370_x_at	-0.71803475	-0.58211507	FUS	fusion (involvε ALS6 FUS1 TI	2521
230845_at	-0.36191224	-0.93815854	C17orf93	chromosome PRAC2	360205
201579_at	-1.29926728	-0.0001182	FAT1	FAT tumor sup CDHF7 FAT N	2195
1552274_at	-0.31029934	-0.98796157	PXK	PX domain coi FLJ20335 MO	54899
232481_s_at	-1.42344626	0.12553036	SLITRK6	SLIT and NTRK MGC119595	84189
203119_at	-0.92766784	-0.37018184	CCDC86	coiled-coil dor FLJ22321 MG	79080
218115_at	-0.72854269	-0.56927361	ASF1B	ASF1 anti-siler CIA-II FLJ106C	55723
230556_at	-0.48915667	-0.80834568	IMMP1L	IMP1 inner mi FLJ25059 IMF	196294
218457_s_at	-1.22188481	-0.07512646	DNMT3A	DNA (cytosine DNMT3A2 M.	1788
218305_at	-0.98062657	-0.31542028	IPO4	importin 4 FLJ23338 Imp	79711
244209_at	-1.29579644	-0.00020251	NA	NA NA	282992
232103_at	-0.73098769	-0.56469745	BPNT1	3'(2'), 5'-bisph PIP	10380
235389_at	-0.5824134	-0.71292954	PHF20	PHD finger prc C20orf104 FL	51230
229947_at	-1.2362481	-0.05766188	PI15	peptidase inhi CRISP8 DKFZ	51050
218903_s_at	-0.77251894	-0.52096899	OBFC2B	oligonucleotic MGC2731 SSI	79035
218024_at	-0.76053957	-0.5317364	BRP44L	brain protein · CGI-129 dJ68	51660
243426_at	-0.96422656	-0.32719127	LOC339290	hypothetical L DKFZp686I11	339290
223892_s_at	-0.65574455	-0.63514714	TMBIM4	transmembrai CGI-119 GAAL	51643
227920_at	-1.4081103	0.11755116	BEND3	BEN domain c KIAA1553 RP:	57673
225265_at	-0.71813114	-0.57237952	RBMS1	RNA binding n C2orf12 DKFZ	5937
226353_at	-0.26939576	-1.02067157	SPPL2A	signal peptide IMP3 PSL2	84888
211673_s_at	-1.22293023	-0.06712908	MOCOS1	molybdenum KIAA0381 M	4337
200929_at	-0.55002071	-0.73996101	TMED10	transmembrai P24(DELTA) S	10972
201117_s_at	-0.60117144	-0.68750829	CPE	carboxypeptic-	1363
219090_at	-1.05725185	-0.23109278	SLC24A3	solute carrier NCKX3	57419
212107_s_at	-0.81161329	-0.47630383	DHX9	DEAH (Asp-Glu DDX9 LKP NC	1660
1564109_at	-0.85745456	-0.42965399	hCG_1820679	hypothetical L LOC284865	284865
222747_s_at	-1.10134668	-0.18535732	SCML1	sex comb on r-	6322
237439_at	-0.60651522	-0.67986916	USP43	ubiquitin spec FLJ30626	124739
214116_at	-0.48462811	-0.80051713	BTD	biotinidase -	686
209857_s_at	-0.46178073	-0.82317532	SPHK2	sphingosine ki-	56848
208944_at	-0.71797321	-0.56639883	TGFBR2	transforming { AAT3 FAA3 L	7048
218529_at	-0.5731252	-0.7111193	CD320	CD320 molecul 8D6 8D6A TC	51293
226510_at	-0.60555337	-0.67846887	HEATR5A	HEAT repeat c C14orf125 Df	25938
224450_s_at	-0.76153903	-0.52206049	RIOK1	RIO kinase 1 (·AD034 FLJ30C	83732
221779_at	-0.95132823	-0.33201843	MICALL1	MICAL-like 1 DKFZp686M2:	85377
219832_s_at	-0.82787954	-0.45522537	HOXC13	homeobox C1 HOX3 HOX3G	3229
218376_s_at	-1.18784356	-0.094696	MICAL1	microtubule a DKFZp434B15	64780
234970_at	-0.17410174	-1.10762527	TC2N	tandem C2 do C14orf47 C2C	123036
227910_at	-0.30266787	-0.97839766	XPNPEP3	X-prolyl aminc APP3	63929
209629_s_at	0	-1.28078331	NXT2	nuclear transç P15-2	55916
225454_at	-0.74846353	-0.53081908	CCDC124	coiled-coil dor-	115098
232661_s_at	-0.15645431	-1.12281822	C7orf64	chromosome DKFZP564005	84060

209561_at	-1.40222922	0.12424013	THBS3	thrombosponin MGC119564	7059
222317_at	-0.98568833	-0.291405	PDE3B	phosphodiesterase HcGIP1 cGIPC	5140
201516_at	-1.03181729	-0.24490046	SRM	spermidine synthase PAPT SPDSY	6723
203304_at	-1.10992858	-0.16633994	BAMBI	BMP and activin NMA	25805
1552938_at	-0.87585501	-0.39967945	ZIC5	Zic family member -	85416
225747_at	-0.61884978	-0.65635572	COQ10A	coenzyme Q10 FLJ32452	93058
212333_at	-1.01234103	-0.26170513	FAM98A	family with sequence DKFZp564F05	25940
219324_at	-0.78464959	-0.48856377	NOL12	nucleolar protein FLJ34609 MG	79159
219037_at	-0.68322636	-0.58793036	RRP15	ribosomal RNA CGI-115 KIAA	51018
203339_at	-1.09295716	-0.17777566	SLC25A12	solute carrier AGC1 ARALAF	8604
226629_at	-0.90829856	-0.36202948	SLC43A2	solute carrier FLJ23848 LAT	124935
203682_s_at	-0.61213545	-0.65750349	IVD	isovaleryl Coenzyme ACAD2 FLJ12	3712
204818_at	0.35585471	-1.62547549	HSD17B2	hydroxysteroid oxidase EDH17B2 HSD	3294
208190_s_at	-1.27371813	0.00547752	LSR	lipolysis stimulator ILDR3 LISCH7	51599
206042_x_at	-0.15422659	-1.11386203	SNURF	SNRPN upstream -	8926
201163_s_at	-1.26735638	0	IGFBP7	insulin-like growth factor FSTL2 IGFBP	3490
209683_at	-0.86627356	-0.40039261	FAM49A	family with sequence DKFZp566A15	81553
215649_s_at	-0.66449124	-0.60170762	MVK	mevalonate kinase FLJ96772 LRB	4598
206861_s_at	-0.49173398	-0.77362033	CGGBP1	CGG triplet repeat CGGBP p20-C	8545
208978_at	-1.14521496	-0.11941367	CRIP2	cysteine-rich factor CRIP CRP2 ES	1397
209191_at	-1.03530616	-0.22837903	TUBB6	tubulin, beta class HsT1601 MG	84617
225063_at	-0.55478153	-0.70869136	UBL7	ubiquitin-like BMSC-Ubp M	84993
227462_at	0.07299899	-1.33598377	ERAP2	endoplasmic reticulum FLJ23633 FLJ	64167
228080_at	-2.28109408	1.01811626	LAYN	layilin FLJ30977 FLJ	143903
242301_at	-1.36817405	0.10561822	CBLN2	cerebellin 2 protein -	147381
201559_s_at	-0.24465553	-1.01707769	CLIC4	chloride intracellular CLIC4L DKFZp	25932
203342_at	-0.74624498	-0.51547778	TIMM17B	translocase of inner DXS9822 JM3	10245
226666_at	-0.6272814	-0.63434527	DAAM1	dishevelled as FLJ41657 KIAA	23002
209387_s_at	0	-1.25946401	TM4SF1	transmembrane protein H-L6 L6 M3S	4071
205896_at	-0.57632709	-0.6827455	SLC22A4	solute carrier MGC34546 M	6583
221437_s_at	-0.7987656	-0.45930395	MRPS15	mitochondrial DC37 FLJ1156	64960
205461_at	-0.65786493	-0.598583	RAB35	RAB35, member of H-ray RAB1C	11021
215165_x_at	-0.61198358	-0.64410449	UMPS	uridine monophosphate OPRT	7372
219281_at	-0.78380406	-0.4715578	MSRA	methionine synthase -	4482
228676_at	-1.2663572	0.01156114	ORAOV1	oral cancer overexpression TAOS1	220064
202800_at	-0.60781132	-0.64644633	SLC1A3	solute carrier EA6 EAAT1 F	6507
1553133_at	-0.59719669	-0.65572658	C9orf72	chromosome MGC23980 R	203228
223459_s_at	-0.09411819	-1.15755609	C1orf56	chromosome FLJ20519 RP1	54964
225682_s_at	-0.82808054	-0.42328068	POLR3H	polymerase (RNA) KIAA1665 MG	171568
1555201_a_at	-0.23149151	-1.01913774	RMND1	required for normal C6orf96 FLJ20	55005
244519_at	-0.83398518	-0.41595584	ASXL1	additional sex combs KIAA0978 MG	171023
212563_at	-1.02237642	-0.22711428	BOP1	block of proliferation KIAA0124	23246
204614_at	0.40898374	-1.65841651	SERPINB2	serpin peptidase inhibitor HsT1201 PAI	5055
1554089_s_at	-0.56927265	-0.68006421	SBDSP	Shwachman-B-	155370
205682_x_at	-1.0250906	-0.22338694	APOM	apolipoprotein A3 G3a HSPC336	55937
224164_at	-0.62547593	-0.62241713	TPM3	tropomyosin 3 FLJ41118 MG	7170
218869_at	-0.33032656	-0.91726653	MLYCD	malonyl-CoA cinnamoyl MCD MG	23417
218475_at	-0.83025657	-0.41719946	TRMT2A	TRM2 tRNA methyltransferase HTF9C MG	27037

1553801_a_at	-0.99997965	-0.24744346	C14orf126	chromosome MGC9912	112487
238084_at	-0.07670829	-1.17056153	PCGF3	polycomb gro DKFZp686D2C	10336
213427_at	-0.68768925	-0.55890991	RPP40	ribonuclease RNASEP1 bA4	10799
225315_at	-0.56398636	-0.68221143	MRPL21	mitochondrial L21mt MGC6	219927
219572_at	-0.57301068	-0.67259054	CADPS2	Ca <sup>++</sup> -depende FLJ40851 KIA	93664
212183_at	-0.33914971	-0.9053864	NUDT4	nudix (nucleo: DIPP2 DIPP2a	11163
202659_at	-0.56550333	-0.67893416	PSMB10	proteasome (p LMP10 MECL	5699
205055_at	-0.3760607	-0.86787103	ITGAE	integrin, alpha: CD103 HUMII	3682
210125_s_at	-0.93873022	-0.30491782	BANF1	barrier to auto BAF BCRP1 D	8815
202595_s_at	-0.59178466	-0.65159853	LEPROTL1	leptin recepto HSPC112 Vps	23484
204246_s_at	-0.50514903	-0.73820515	DCTN3	dynactin 3 (p2 DCTN-22 DCT	11258
235126_at	-0.42536781	-0.81769602	LQK1	hypothetical L -	642946
235036_at	-1.1289028	-0.11250524	LIX1L	Lix1 homolog DKFZp762F23	128077
221378_at	-0.69130606	-0.54996855	CER1	cerberus 1, cy DAND4 MGC:	9350
1553960_at	-0.63133708	-0.60715103	SNX21	sorting nexin i C20orf161 M	90203
212279_at	-0.51480876	-0.72217883	TMEM97	transmembrai MAC30	27346
223502_s_at	-0.52115304	-0.71493348	TNFSF13B	tumor necrosi BAFF BLYS CI	10673
211653_x_at	-0.0527777	-1.18299032	AKR1C2	aldo-keto redi AKR1C-pseud	1646
215707_s_at	-0.11247075	-1.1214642	PRNP	prion protein ASCR CD230	5621
211725_s_at	-0.35255851	-0.88037997	BID	BH3 interactir FP497 MGC1:	637
235472_at	-0.77985943	-0.45288501	FUT10	fucosyltransfe MGC11141	84750
203423_at	-1.39714626	0.16634164	RBP1	retinol bindinç CRABP-I CRBF	5947
235173_at	-0.16022744	-1.07023156	hCG_1806964	hypothetical L FLJ79414 LOC	401093
215223_s_at	-0.39282257	-0.83711601	SOD2	superoxide dis: IPO-B MNSOI	6648
212624_s_at	-0.64576809	-0.58287536	CHN1	chimerin (chir ARHGAP2 CH	1123
234993_at	-0.68154683	-0.5458864	ABHD13	abhydrolase d BEM46L1 C1:	84945
223630_at	-0.8037554	-0.42313126	C7orf13	chromosome MY040	129790
205771_s_at	-0.79164596	-0.43506075	AKAP7	A kinase (PRK, AKAP18	9465
228638_at	0.05551452	-1.28054352	FAM76A	family with se FLJ41946 MG	199870
202291_s_at	-0.59807632	-0.62668137	MGP	matrix Gla prc GIG36 MGLAI	4256
213788_s_at	-0.02447564	-1.19973601	FLJ35348 NC	non-protein c FLJ35348 LP2	266655
223491_at	-0.4443368	-0.77906405	COMMD2	COMM domai HSPC042 MG	51122
50314_i_at	-0.69123091	-0.53033523	C20orf27	chromosome FLJ20550	54976
1569348_at	-1.21931849	0	psiTPTE22	TPTE pseudog FLJ37713 MG	387590
218837_s_at	-0.61682505	-0.60194259	UBE2D4	ubiquitin-conj HBUCE1	51619
228082_at	-0.87467419	-0.34276049	ASAM	adipocyte-spe ACAM CLMP	79827
216574_s_at	-0.1774228	-1.03951329	RPE	ribulose-5-phc MGC2636 RP	6120
228777_at	0.20430033	-1.42040024	KBTBD3	kelch repeat a BKLHD3 FLJ3(	143879
208879_x_at	-0.44087737	-0.7744378	PRPF6	PRP6 pre-mRN ANT-1 C20orf	24148
218702_at	-0.9443809	-0.27043616	SARS2	seryl-tRNA syr FLJ20450 SAR	54938
205700_at	-0.63290616	-0.58158513	HSD17B6	hydroxysteroid HSE RODH SI	8630
1555814_a_at	-0.114723	-1.09952247	RHOA	ras homolog g ARH12 ARHA	387
219292_at	-0.50917967	-0.70500098	THAP1	THAP domain DYT6 FLJ1047	55145
1554053_at	-0.03873999	-1.17516476	SPTLC1	serine palmitc HSAN HSAN1	10558
219536_s_at	-0.87485104	-0.33811951	ZFP64	zinc finger prc MGC940 ZNF	55734
233748_x_at	-0.52192297	-0.69073317	PRKAG2	protein kinase AAKG AAKG2	51422
219737_s_at	-0.98495797	-0.22671161	PCDH9	protocadherin -	5101
243943_x_at	-0.53682265	-0.6733363	C6orf52	chromosome -	347744

204471_at	-0.4059356	-0.80367689	GAP43	growth associ B-50 PP46	2596
209276_s_at	-0.56714652	-0.64159562	GLRX	glutaredoxin ( GRX GRX1 M	2745
205581_s_at	-1.2086935	0	NOS3	nitric oxide sy ECNOS eNOS	4846
227864_s_at	-0.34020479	-0.86826543	FAM125A	family with se CFBP FLJ3249	93343
219472_at	-0.78200516	-0.42559921	CENPO	centromere p CENP-O MGC	79172
230652_at	-0.53840194	-0.66892207	ARAF	v-raf murine s A-RAF ARAF1	369
222938_x_at	-0.73795484	-0.46804703	ENPP3	ectonucleotid B10 CD203c	5169
206331_at	-0.85979998	-0.34596336	CALCRL	calcitonin rec $\epsilon$ CGRPR CRLR	10203
219347_at	-0.44046451	-0.76528581	NUDT15	nudix (nucleo: FLJ10956 MG	55270
203869_at	-0.64664051	-0.55863382	USP46	ubiquitin spec FLJ11850 FLJ:	64854
209761_s_at	-0.67267642	-0.53209006	SP110	SP110 nuclear FLJ22835 IFI4	3431
229144_at	-0.74796039	-0.45621636	RP1-21O18.1	kazrin DKFZp686D08	23254
220060_s_at	-0.56816351	-0.63562652	C12orf48	chromosome FLJ20641	55010
223341_s_at	0.09289286	-1.2966289	SCOC	short coiled-c $\alpha$ HRIHFB2072 :	60592
227257_s_at	-0.48886883	-0.71442565	C10orf46	chromosome FLJ40409 MG	143384
238877_at	-1.14245134	-0.06060752	EYA4	eyes absent h CMD1J DFNA	2070
215532_x_at	-0.84118294	-0.36125784	ZNF492	zinc finger prc KIAA1473 MC	57615
242002_at	-0.95343238	-0.24852179	NKAIN2	Na <sup>+</sup> /K <sup>+</sup> trans $\nu$ FAM77B MGC	154215
206284_x_at	-0.77009367	-0.43162047	CLTB	clathrin, light $\alpha$ LCB	1212
236771_at	-1.21192165	0.0107078	RIPPLY2	rippy2 homol C6orf159 dJ2	134701
222810_s_at	-1.67319995	0.47282493	RASAL2	RAS protein $\alpha$ MGC129919	9462
218133_s_at	-0.66364725	-0.53668041	NIF3L1	NIF3 NGG1 int ALS2CR1 CAL:	60491
205037_at	-0.4159931	-0.78429099	RABL4	RAB, member RAYL	11020
204950_at	-0.71855741	-0.48164435	CARD8	caspase recrui CARDINAL DA	22900
233924_s_at	-0.01768866	-1.18220173	EXOC6	exocyst comp DKFZp761I21:	54536
242093_at	-1.25428097	0.0551833	SYTL5	synaptotagmi slp5	94122
1553158_at	-0.03121047	-1.16776738	C3orf34	chromosome MGC14126	84984
223925_s_at	-0.31418494	-0.88447179	LUZP6	leucine zipper MPD6 MTPNI	767558
210115_at	0.05684507	-1.25519336	RPL39L	ribosomal pro RPL39L1	116832
207590_s_at	-0.57693368	-0.62065875	CENPI	centromere p CENP-I FSHPF	2491
212158_at	-0.76583716	-0.43148057	SDC2	syndecan 2 HSPG HSPG1	6383
238889_at	-0.10390304	-1.09334838	AGBL5	ATP/GTP bind FLJ21839	60509
228653_at	-1.12414992	-0.07156724	SAMD5	sterile alpha n dJ875H10.1	389432
202781_s_at	-0.30567808	-0.88923807	INPP5K	inositol polypl PPS SKIP	51763
201860_s_at	-0.8373338	-0.35746006	PLAT	plasminogen $\epsilon$ DKFZp686I03:	5327
202483_s_at	-0.48836469	-0.70623056	RANBP1	RAN binding p HTF9A MGC8	5902
225220_at	-0.49771002	-0.6957519	SNHG8	small nucleola NCRNA00060	100093630
1554077_a_at	-0.33907271	-0.85430214	TMEM53	transmembrai FLJ22353 NET	79639
235498_at	-0.20752259	-0.98571479	LRRIQ3	leucine-rich re LRRC44 MGC	127255
201649_at	-0.47530323	-0.71738932	UBE2L6	ubiquitin-conj MGC40331 R	9246
218214_at	-0.4420959	-0.74810907	C12orf44	chromosome ATG101 FLJ1:	60673
227587_at	-1.11505948	-0.07409918	KRI1	KRI1 homolog FLJ12949	65095
209000_s_at	-0.78783509	-0.40028718	8-Sep	septin 8 KIAA0202 SEF	23176
204613_at	-1.05749421	-0.12714108	PLCG2	phospholipase $\epsilon$ -	5336
218944_at	-1.01723485	-0.16681007	PYCR1	pyrroline-5-ca FLJ13852	65263
235025_at	-0.65904759	-0.52366344	WDR89	WD repeat do C14orf150 M	112840
210378_s_at	-0.71652117	-0.46407076	SSNA1	Sjogren syndr $\alpha$ N14 NA-14 N	8636
1552575_a_at	-0.84789472	-0.33247459	C6orf141	chromosome MGC46457	135398

204551_s_at	-0.67517776	-0.50451945	AHSG	alpha-2-HS-gly A2HS AHS FE	197
219638_at	-0.3212431	-0.85650467	FBXO22	F-box protein FBX22 FISTC1	26263
214553_s_at	-0.04204693	-1.1334387	ARPP19	cAMP-regulat ARPP-16 ARP	10776
209199_s_at	-0.83970969	-0.33545054	MEF2C	myocyte enha-	4208
223446_s_at	-0.31143417	-0.86365779	DTNBP1	dystrobrevin t DBND DKFZp!	84062
1554588_a_at	-0.4832844	-0.69036442	TTC30B	tetratricopept FLJ30990	150737
213523_at	-1.13229319	-0.04097693	CCNE1	cyclin E1 CCNE	898
204034_at	-0.26693712	-0.90523197	ETHE1	ethylmalonic t HSCO YF13H1	23474
204921_at	-1.62961806	0.45879049	GAS8	growth arrest GAS11 MGC1	2622
202655_at	-0.16297594	-1.00774592	MANF	mesencephali ARMET ARP	7873
224913_s_at	-0.60352715	-0.56558547	TIMM50	translocase of MGC102733	92609
229106_at	-0.76515252	-0.40338169	DYNLL2	dynein, light c DNCL1B Dlc2	140735
231319_x_at	-0.57272811	-0.59544265	KIF9	kinesin family MGC104186	64147
205406_s_at	-0.0347415	-1.13334832	SPA17	sperm autoan CT22 SP17 Sf	53340
212877_at	-1.16880486	0.00088866	KLC1	kinesin light c KLC KNS2 KN	3831
215977_x_at	-0.73499388	-0.43273762	GK	glycerol kinas t GK1 GKD	2710
217972_at	-0.42173599	-0.74519878	CHCHD3	coiled-coil-hel FLJ20420	54927
203816_at	-0.46803116	-0.69833045	DGUOK	deoxyguanosid dGK	1716
235099_at	-0.1461066	-1.02016946	CMTM8	CKLF-like MAF CKLFSF8 CKLF	152189
220030_at	-0.09609983	-1.06993654	STYK1	serine/threon DKFZp761P10	55359
210589_s_at	-0.73382431	-0.43115248	GBAP	glucosidase, b MGC104662	2630
226351_at	-0.72483177	-0.43997962	NSUN4	NOL1/NOP2/S MGC22960 R	387338
219838_at	0.01696495	-1.18159539	TTC23	tetratricopept FLJ12572 FLJ:	64927
204333_s_at	-0.58886057	-0.57441847	AGA	aspartylglucos t AGU ASRG G	175
225680_at	-0.73442325	-0.42833539	LRWD1	leucine-rich r t DKFZp434K18	222229
201611_s_at	-0.99672527	-0.1656764	ICMT	isoprenylcyste HSTE14 MGC	23463
205253_at	-0.5703995	-0.5909768	PBX1	pre-B-cell leuk DKFZp686B09	5087
202254_at	-1.31387585	0.15280379	SIPA1L1	signal-inducec DKFZp686G13	26037
225844_at	-0.38023348	-0.78018836	POLE4	polymerase (LYHHQ1 p12	56655
221082_s_at	-0.2724108	-0.88696072	NDRG3	NDRG family r FLJ13556	57446
235783_at	-0.69852643	-0.46056768	MRTO4	mRNA turnov t C1orf33 MRT	51154
229511_at	-0.92989147	-0.22916866	SMARCE1	SWI/SNF relat BAF57	6605
209100_at	-0.8885228	-0.26933221	IFRD2	interferon-rel: FLJ40446 IFN	7866
227085_at	-0.27562758	-0.88207715	H2AFV	H2A histone f: FLJ26479 H2/	94239
223242_s_at	-0.61758706	-0.53992444	MFSD11	major facilitat ET FLJ20226	79157
228320_x_at	-0.11602471	-1.04137191	CCDC64	coiled-coil dor FLJ26450 H_2	92558
202337_at	-0.74443238	-0.41289461	PMF1	polyamine-mc-	11243
230352_at	-1.00514856	-0.15093008	PRPS2	phosphoribos PRSII	5634
223241_at	-0.51765863	-0.6382053	SNX8	sorting nexin t Mvp1	29886
235180_at	-0.88247953	-0.27325617	STYX	serine/threon FLJ42934	6815
204823_at	-0.89273653	-0.26275647	NAV3	neuron navigat KIAA0938 PO	89795
218954_s_at	-0.32322555	-0.83166902	BRF2	BRF2, subunit BRFU FLJ1105	55290
224661_at	-0.17481251	-0.97935886	PIGY	phosphatidylii MGC14156 P	84992
212510_at	-0.61884021	-0.53442069	GPD1L	glycerol-3-phc KIAA0089	23171
225908_at	-0.59791684	-0.5544681	IAH1	isoamyl aceta MGC102860	285148
220397_at	-1.25910557	0.10724241	MDM1	Mdm1 nuclea FLJ95264	56890
207515_s_at	-0.51113307	-0.63875479	POLR1C	polymerase (FRPA39 RPA4C	9533
211737_x_at	-0.53939642	-0.61010327	PTN	pleiotrophin HARP HBGF8	5764



214469_at	0.09496086	-1.24432096	HIST1H2AE	histone cluste H2A.1 H2A.2	3012
218049_s_at	-0.4267177	-0.72243807	MRPL13	mitochondrial L13 L13A L13B	28998
222504_s_at	-1.09289002	-0.05473321	COX4NB	COX4 neighbo C16orf2 C16orf3	10328
218162_at	-0.93078914	-0.21662668	OLFML3	olfactomedin- HNOEL-iso OLFML3	56944
225346_at	-0.74799533	-0.39933075	MTERFD3	MTERF domai FLJ14062 mTERF3	80298
203314_at	-0.66861634	-0.47670359	GTPBP6	GTP binding p FLJ20977 FLJ20978	8225
216941_s_at	-0.69782342	-0.44672064	TAF1B	TATA box binc MGC:9349 RAE1	9014
209103_s_at	-0.76304632	-0.37987878	UFD1L	ubiquitin fusic UFD1	7353
221503_s_at	-0.50296264	-0.63925202	KPNA3	karyopherin a IPOA4 SRP1 SRP2	3839
220342_x_at	-0.45368324	-0.68779905	EDEM3	ER degradatio C1orf22	80267
204003_s_at	-0.67833357	-0.46242146	NUPL2	nucleoporin li CG1 NLP-1 NUP133	11097
208312_s_at	-0.04856546	-1.09179555	PRAMEF1	PRAME family RP5-845O24.1	65121
203826_s_at	-0.73913547	-0.40115599	PITPNM1	phosphatidylin DRES9 FLJ449	9600
213599_at	-0.36304913	-0.77693132	OIP5	Opa interactir 5730547N13R	11339
215058_at	-0.69522163	-0.44404643	DENND5B	DENN/MADD DKFZp686P11	160518
218563_at	-0.69052644	-0.44871174	NDUFA3	NADH dehydr B9	4696
204440_at	-0.60346819	-0.53515115	CD83	CD83 molecul BL11 HB15	9308
36030_at	-0.71954032	-0.41839885	IFFO1	intermediate 1 DKFZp586I22	25900
208799_at	-0.56382094	-0.57241424	PSMB5	proteasome (1 LMPX MB1 NUP133	5693
202767_at	-0.80690738	-0.3290776	ACP2	acid phosphat -	53
213920_at	-0.97147097	-0.16435493	CUX2	cut-like home CDP2 CUTL2	23316
211033_s_at	-0.28818978	-0.84728647	PEX7	peroxisomal b PTS2R RCDP1	5191
209432_s_at	-0.20035491	-0.93488848	CREB3	cAMP respons LUMAN LZIP LZIP2	10488
230448_at	-0.20907299	-0.92616213	SLC38A10	solute carrier FLJ35718 FLJ35719	124565
202581_at	-0.76969726	-0.36544974	HSPA1B	heat shock 70 FLJ54328 HSF1	3304
225901_at	-0.34225298	-0.79224208	PTPMT1	protein tyrosin DUSP23 FLJ46	114971
203330_s_at	-0.41194777	-0.72247902	STX5	syntaxin 5 SED5 STX5A	6811
224376_s_at	-0.52335775	-0.6100611	C2orf24	chromosome PNAS-11 RIP5	55969
222439_s_at	-0.61176241	-0.52053798	THRAP3	thyroid hormc FLJ22082 MG	9967
200814_at	-0.31934532	-0.81232062	PSME1	proteasome (1 IFI5111 MGC1	5720
229337_at	-0.44503527	-0.68517415	USP2	ubiquitin spec UBP41 USP9	9099
209684_at	-0.76068519	-0.36914164	RIN2	Ras and Rab ir MACS RASSF4	54453
203125_x_at	0	-1.12812108	SLC11A2	solute carrier DCT1 DMT1 DMT2	4891
210458_s_at	-0.46623877	-0.66159438	TANK	TRAF family m I-TRAF TRAF2	10010
201521_s_at	-0.29005577	-0.8372973	NCBP2	nuclear cap bi CBC2 CBP20 CBP	22916
209482_at	-0.63564602	-0.49113632	POP7	processing of 0610037N12R	10248
228834_at	0.00380872	-1.13051062	TOB1	transducer of APRO6 MGC1	10140
222525_s_at	-0.73486654	-0.39166102	CCDC25	coiled-coil dor FLJ10853	55246
223515_s_at	-0.4534981	-0.67276957	COQ3	coenzyme Q3 DHHBMT DHI	51805
221912_s_at	-0.18533154	-0.94055185	CCDC28B	coiled-coil dor MGC1203 MG	79140
206855_s_at	-0.65283938	-0.47293674	HYAL2	hyaluronogluc LUCA2 LuCa-2	8692
222729_at	-0.44329296	-0.68226637	FBXW7	F-box and WDAGO CDC4 D	55294
222777_s_at	-0.55260402	-0.57208037	WHSC1	Wolf-Hirschhc FLJ23286 KIA	7468
202732_at	-0.81159055	-0.31254917	PKIG	protein kinase MGC126458	11142
201679_at	-0.57474114	-0.54938976	SRRT	serrate RNA e ARS2 ASR2 M	51593
208955_at	-1.13498532	0.01103589	DUT	deoxyuridine 1 FLJ20622 dU1	1854
222702_x_at	-0.382096	-0.74125377	CRIP1	cysteine-rich 1 HSPC139	9419
225093_at	-0.93486541	-0.18733375	UTRN	utrophin DMDL DRP D	7402

226088_at	-0.53846114	-0.58350835	ZDHC12	zinc finger, DF FLJ14524 MG	84885
1554679_a_at	0.16915616	-1.28979906	LAPTM4B	lysosomal pro LAPTM4beta	55353
218825_at	-0.66829794	-0.4522517	EGFL7	EGF-like-dom: MGC111117	51162
1554841_at	-1.42365419	0.30331126	MTHFD2L	methylenetet: FLJ13105 MG	441024
209142_s_at	-0.47688322	-0.64268406	UBE2G1	ubiquitin-conj E217K UBC7	7326
221606_s_at	-0.54423065	-0.57436268	HMG5	high-mobility NBP-45 NSBP	79366
218060_s_at	-0.72976482	-0.38842583	C16orf57	chromosome FLJ13154 HV5	79650
227878_s_at	-0.07086232	-1.04725038	ALKBH7	alkB, alkylatio MGC10974 SI	84266
222019_at	-0.42813729	-0.6895835	PFDN6	prefoldin sub: H2-KE2 HKE2	10471
1569454_a_at	-1.1169665	0	LOC283352	hypothetical p-	283352
218291_at	-0.48712396	-0.62967213	ROBLD3	roadblock dor ENDAP HSPC	28956
202660_at	-0.29353941	-0.82279313	ITPR2	inositol 1,4,5-IP3R2	3709
226766_at	-0.9595853	-0.15628943	ROBO2	roundabout, a KIAA1568 SA	6092
214733_s_at	-0.16173853	-0.95360584	YIPF1	Yip1 domain f DJ167A19.1 F	54432
209207_s_at	-0.56774186	-0.54740017	SEC22B	SEC22 vesicle ERS-24 SEC22	9554
218580_x_at	-0.63062157	-0.48410081	AURKAIP1	aurora kinase AIP AKIP FLJ2	54998
202992_at	-0.56837956	-0.54624127	C7	complement c-	730
203621_at	-0.30947981	-0.80477059	NDUFB5	NADH dehydr: CI-SGDH DKF	4711
222701_s_at	-0.44972801	-0.66389163	CHCHD7	coiled-coil-hel FLJ40966 MG	79145
223989_s_at	-0.11308559	-1.00045748	REXO2	REX2, RNA exc: CGI-114 DKF2	25996
207004_at	-0.59576413	-0.51762231	BCL2	B-cell CLL/lym Bcl-2	596
203740_at	-0.61451069	-0.49864467	MPHOSPH6	M-phase phos MPP MPP-6	10200
208540_x_at	-0.68128028	-0.43183045	S100A11P	S100 calcium- S100A14	729659
218459_at	-0.79095354	-0.32188479	TOR3A	torsin family 3 ADIR ADIR2 f	64222
218351_at	-0.31665975	-0.79605577	COMMD8	COMM domai FLJ20502	54951
203372_s_at	-0.11266285	-1.00000239	SOCS2	suppressor of CIS2 Cish2 SC	8835
212411_at	-0.61507393	-0.49660498	IMP4	IMP4, U3 sma BXDC4 MGC1	92856
219501_at	-0.16235885	-0.9491885	ENOX1	ecto-NOX dis: CNOX FLJ100	55068
242844_at	0.13874716	-1.25025879	PGGT1B	protein geran: BGGI GGTI	5229
217144_at	-0.26318575	-0.8462536	UBB	ubiquitin B FLJ25987 MG	7314
210449_x_at	0.13553387	-1.24432021	MAPK14	mitogen-activ CSBP1 CSBP2	1432
210145_at	-0.7558837	-0.35228978	PLA2G4A	phospholipase: MGC126350	5321
222705_s_at	-1.10617807	0	SLC25A15	solute carrier D13S327 HHF	10166
203094_at	-0.21233036	-0.89325194	MAD2L1BP	MAD2L1 bindi: CMT2 KIAA01	9587
208872_s_at	-0.51325647	-0.59216999	REEP5	receptor acce: C5orf18 D5S3	7905
218992_at	-0.33728733	-0.76791365	C9orf46	chromosome AD025 FLJ146	55848
219028_at	-1.48603672	0.38130689	HIPK2	homeodomai: DKFZp686K02	28996
228614_at	-0.56144637	-0.54286413	NCRNA00116	non-protein c-	205251
1558136_s_at	-0.41005797	-0.69406269	TAF11	TAF11 RNA pc: MGC:15243 F	6882
229860_x_at	-0.77494054	-0.32868369	C4orf48	chromosome -	401115
230565_at	-0.84943868	-0.25389032	ATP6V1G3	ATPase, H+ tr: ATP6G3 MGC	127124
225743_at	-0.03354794	-1.06849384	RPUSD3	RNA pseudou: FLJ34707 FLJ:	285367
226306_at	-0.10168023	-0.99983823	C6orf1	chromosome LBH MGC578	221491
219299_at	-0.55369704	-0.5477997	TRMT12	tRNA methyl: FLJ20772 TRM	55039
33736_at	-0.8844104	-0.2168139	STOML1	stomatin (EPB FLJ36370) SLP	9399
229843_at	-0.87235619	-0.22844911	FAM82B	family with se: CGI-90 FLJ206	51115
223054_at	-0.47696164	-0.62250122	DNAJB11	DnaJ (Hsp40) ABBP-2 ABBP	51726
220993_s_at	-0.5413807	-0.55623339	GPR63	G protein-cou: PSP24(beta) f	81491

213147_at	-0.44785829	-0.64932075	HOXA10	homeobox A1 HOX1 HOX1.8	3206
209507_at	-0.33534076	-0.76143172	RPA3	replication prc REPA3	6119
201252_at	-0.63094289	-0.46572662	PSMC4	proteasome (p MGC13687 M	5704
229595_at	-0.60123516	-0.49498141	CHCHD4	coiled-coil-hel FLJ31709 MI	131474
205540_s_at	-0.48637014	-0.60907374	RRAGB	Ras-related G` RAGB bA465E	10325
1552370_at	-0.38325644	-0.71194778	C4orf33	chromosome FLJ33703	132321
219297_at	-0.64290828	-0.45200642	WDR44	WD repeat do DKFZp686L20	54521
200885_at	-0.11767892	-0.97677793	PPM1J	protein phosph DKFZp434P15	333926
209790_s_at	-0.63354465	-0.45986836	CASP6	caspace 6, apc MCH2	839
214414_x_at	-1.13040039	0.0374117	HBA1	hemoglobin, ε CD31 MGC12	3039
1558214_s_at	0.27061311	-1.36354975	CTNNA1	catenin (cadher CAP102 FLJ3E	1495
204133_at	-0.63642708	-0.45577651	RRP9	ribosomal RN RNU3IP2 U3-	9136
219361_s_at	-1.0036984	-0.08776704	AEN	apoptosis enh FLJ12484 FLJ	64782
203658_at	-0.44775996	-0.64353714	SLC25A20	solute carrier CAC CACT	788
224500_s_at	-0.51194075	-0.5792104	MON1A	MON1 homol FLJ97088 MG	84315
206385_s_at	-1.30108794	0.20996661	ANK3	ankyrin 3, noc ANKYRIN-G FI	288
218354_at	-0.42740129	-0.66357788	TRAPP2L	trafficking pro FLJ44827 HSF	51693
203136_at	-0.34453504	-0.74628171	RABAC1	Rab acceptor PRA1 PRAF1	10567
211376_s_at	-0.67675615	-0.41380964	NSMCE4A	non-SMC elen C10orf86 FLJ	54780
229798_s_at	0	-1.09047546	BRI3	brain protein I3	25798
210107_at	0.14848421	-1.2383039	CLCA1	chloride chan CACC CACC1	1179
232549_at	-0.7067495	-0.38130413	RBM11	RNA binding n-	54033
208968_s_at	-0.66970464	-0.41794357	CIAPIN1	cytokine induc 2810413N20R	57019
204214_s_at	-0.15949076	-0.92815476	RAB32	RAB32, memb-	10981
1564907_s_at	0.0803591	-1.16785071	SNHG4	small nucleola NCRNA00059	724102
219807_x_at	-0.33320809	-0.75398292	RAB4B	RAB4B, memb FLJ78649 MG	53916
220549_at	0.10302452	-1.1898772	RAD54B	RAD54 homol FSBP RDH54	25788
218996_at	-0.47604691	-0.61052632	TFPT	TCF3 (E2A) fu FB1 INO80F ;	29844
210667_s_at	-0.46662178	-0.61877259	C21orf33	chromosome D21S2048E E	8209
218365_s_at	-0.67092772	-0.41446556	DARS2	aspartyl-tRNA ASPRS FLJ105	55157
209093_s_at	-0.59909913	-0.48557497	GBA	glucosidase, b GBA1 GCB GI	2629
242100_at	-0.00362341	-1.08055733	CHSY3	chondroitin su CHSY2 CSS3	337876
1553947_at	-0.25734876	-0.82615176	EXOSC6	exosome com EAP4 MTR3 I	118460
204749_at	-0.71135792	-0.37153996	NAP1L3	nucleosome a MB20 MGC2E	4675
212604_at	-0.48100357	-0.60158755	MRPS31	mitochondrial IMOGN38 MF	10240
206106_at	-0.86832557	-0.21369946	MAPK12	mitogen-activ ERK3 ERK6 P	6300
211949_s_at	-0.55360827	-0.52841234	NOLC1	nucleolar and KIAA0035 NO	9221
202433_at	-0.63781393	-0.44357521	SLC35B1	solute carrier UGTREL1	10237
204290_s_at	-0.23835156	-0.84293798	ALDH6A1	aldehyde deh MGC40271 M	4329
213805_at	-1.15595729	0.07472588	ABHD5	abhydrolase d CDS CGI58 IE	51099
219184_x_at	-0.61681597	-0.46435845	TIMM22	translocase of TEX4 TIM22	29928
230026_at	-0.41886908	-0.66220066	MRPL43	mitochondrial MGC17989 M	84545
208319_s_at	-0.7861772	-0.29470332	RBM3	RNA binding n IS1-RNPL RNF	5935
203078_at	-0.86034097	-0.22028907	CUL2	cullin 2 MGC131970	8453
229744_at	-0.53590152	-0.5445278	SSFA2	sperm specific CS-1 CS1 DKF	6744
202363_at	-0.75043375	-0.32990378	SPOCK1	sparc/osteone FLJ37170 SPC	6695
222016_s_at	-0.55236022	-0.52787825	ZNF323	zinc finger prc FLJ23407 ZNF	64288
220984_s_at	-0.99258342	-0.08719929	SLCO5A1	solute carrier FLJ39560 OA	81796

205909_at	-0.62313776	-0.45497276	POLE2	polymerase [E DPE2	5427
204533_at	-0.09493902	-0.98133184	CXCL10	chemokine (C-C7) IFI10 INP1	3627
213115_at	-1.01142158	-0.06479247	ATG4A	ATG4 autophagy APG4A AUTL	115201
203152_at	-0.53556274	-0.5404405	MRPL40	mitochondrial FLJ41774 MG	64976
221268_s_at	-0.87491049	-0.20081816	SGPP1	sphingosine-1 SPPase1	81537
221586_s_at	-0.44144224	-0.63400967	E2F5	E2F transcript E2F-5	1875
209035_at	-0.53249424	-0.54280903	MDK	midkine (neur FLJ27379 MK	4192
225358_at	-0.68672308	-0.38845427	DNAJC19	DnaJ (Hsp40) TIM14 TIMM	131118
1555618_s_at	-0.03463877	-1.03966147	SAE1	SUMO1 activator AOS1 FLJ309	10055
203476_at	-0.67271136	-0.40110204	TPBG	trophoblast glyco 5T4 5T4AG N	7162
225591_at	-0.1017882	-0.97195217	FBXO25	F-box protein FBX25 MGC2	26260
224281_s_at	-0.5318522	-0.54165331	NGRN	neugrin, neurin DSC92	51335
203260_at	-0.82372678	-0.24861518	HDDC2	HD domain coiled-coil C6orf74 CGI-	51020
205329_s_at	-0.18938029	-0.88244092	SNX4	sorting nexin 4	8723
227723_at	-0.19255209	-0.87893977	LOH12CR1	loss of heterozygosity LOH12CR1	118426
213133_s_at	-0.70102064	-0.36967426	GCSH	glycine cleavage system GCE NKH	2653
204479_at	-0.74321754	-0.32560695	OSTF1	osteoclast stimulator FLJ20559 OSF	26578
226150_at	-0.42693729	-0.6407451	PPAPDC1B	phosphatidylcholine DPPL1 HTPAF	84513
218795_at	-0.35291462	-0.71460757	ACP6	acid phosphatase ACPL1 LPAP	51205
219284_at	-0.45515017	-0.6110622	HSPBAP1	HSPB (heat shock FLJ22623 FLJ	79663
239647_at	-1.0690091	0.00303611	CHST13	carbohydrate sulfotransferase C4ST3 MGC1	166012
222714_s_at	-0.41348265	-0.65223923	LACTB2	lactamase, beta CGI-83	51110
203867_s_at	-0.5886885	-0.47669558	NLE1	notchless homolog FLJ10458 Nle	54475
219882_at	-1.39278789	0.32905712	TTL7	tubulin tyrosine phosphatase FLJ23033 FLJ	79739
1557128_at	-0.5170305	-0.54610662	FAM111B	family with sequence CANP	374393
214717_at	-0.03164338	-1.03142431	DKFZp434H14	hypothetical protein	150967
229521_at	-0.3023179	-0.7606072	FLJ36031	hypothetical protein	168455
215629_s_at	-0.93609551	-0.12655079	DLEU2L	deleted in lymphoma BCMSUNL	79469
222801_s_at	-0.05022897	-1.01225261	STAG3L4	stromal antigen FLJ13195	64940
202450_s_at	-0.403273	-0.65753072	CTSK	cathepsin K CTSO2 CTSO	1513
219161_s_at	-0.4769638	-0.58292782	CKLF	chemokine-like C32 CKLF1 CI	51192
202964_s_at	-0.61290092	-0.44680457	RFX5	regulatory factor	5993
202274_at	-1.62552419	0.56821011	ACTG2	actin, gamma ACT ACTA3 A	72
201739_at	-1.09604591	0.03886276	SGK1	serum/glucocorticoid-inducible SGK	6446
226702_at	-1.18306251	0.12646966	CMPK2	cytidine monophosphate TMPK2 TYKi	129607
229382_at	-0.66403845	-0.39184521	C1orf183	chromosome 1 FLJ31105	55924
205347_s_at	-0.34735496	-0.70792222	TMSB15A	thymosin beta 2 TMSB15 TMS	11013
218796_at	-0.51361369	-0.54155909	FERMT1	fermitin family C20orf42 DTC	55612
226674_at	-0.93785233	-0.11676261	SHISA4	shisa homolog C1orf40 MGC	149345
205280_at	-0.6813249	-0.37180587	GLRB	glycine receptor	2743
218860_at	-0.74631953	-0.30575548	NOC4L	nucleolar component MGC3162 NE	79050
243309_at	-0.08558433	-0.96504208	FLJ27352	hypothetical protein	145788
238662_at	-0.319576	-0.72917511	ATPBD4	ATP binding domain MGC14798	89978
244623_at	-1.06746583	0.01894189	KCNQ5	potassium voltage-gated Kv7.5	56479
230265_at	0.61319433	-1.66167046	SEL1L	sel-1 suppressor IBD2 PRO106	6400
224441_s_at	-0.55587112	-0.49244122	USP45	ubiquitin specific MGC14793	85015
210317_s_at	-0.16439121	-0.88382459	YWHAE	tyrosine 3-mono-O-phosphorylated FLJ45	7531
223222_at	-0.63053698	-0.41736958	SLC25A19	solute carrier family 25 MGC3162 NE	60386

223100_s_at	-0.55578967	-0.49120267	NUDT5	nudix (nucleo:YSA1 YSA1H	11164
223908_at	-0.62286787	-0.42401097	HDAC8	histone deace CDA07 HD8 I	55869
233532_x_at	-0.24701927	-0.79955779	IFT52	intraflagellar t C20orf9 CGI-!	51098
200887_s_at	-0.33507287	-0.71140968	STAT1	signal transdu DKFZp686B04	6772
218906_x_at	-0.84355754	-0.20248838	KLC2	kinesin light cl FLJ12387	64837
242317_at	-0.85166207	-0.19407239	HIGD1A	HIG1 hypoxia DKFZp564K24	25994
1553810_a_at	-0.39727559	-0.64830361	KIAA1524	KIAA1524 FLJ12850 MG	57650
206489_s_at	-0.26123178	-0.78391598	DLGAP1	discs, large (D DAP-1 DAP-1.	9229
227181_at	-0.73643908	-0.30785272	LNP1	leukemia NUP-	348801
219904_at	-0.40166319	-0.6413726	ZSCAN5A	zinc finger anc MGC4161 ZN	79149
212817_at	-0.18741704	-0.8549969	DNAJB5	DnaJ (Hsp40) Hsc40 KIAA1C	25822
239699_s_at	-0.18259204	-0.859679	PMS2L5	postmeiotic se MGC34222 P	5383
202093_s_at	-0.61406997	-0.42767692	PAF1	Paf1, RNA pol F23149_1 FLJ	54623
219543_at	-0.77516889	-0.26651934	PBLD	phenazine bio FLJ14767 FLJ:	64081
239650_at	-0.93665508	-0.10416836	NCKAP5	NCK-associate ERIH1 ERIH2	344148
236535_at	-0.84044676	-0.19982177	SMC6	structural mai FLJ22116 FLJ:	79677
235367_at	-0.56502743	-0.47370196	MYPN	myopalladin MYOP	84665
225420_at	-0.83439961	-0.20419089	GPAM	glycerol-3-phc GPAT GPAT1	57678
218986_s_at	-0.53187721	-0.50616517	DDX60	DEAD (Asp-Gli FLJ10787 FLJ:	55601
219360_s_at	-0.46734684	-0.57053218	TRPM4	transient rece FLJ20041 TRP	54795
228206_at	-0.88780617	-0.1498645	HS3ST4	heparan sulfai 3-OST-4 3OST	9951
238720_at	0.67047224	-1.70653218	OMG	oligodendrocy OMGP	4974
238794_at	-0.06413098	-0.97042152	C10orf78	chromosome FLJ41960 bA:	119392
227231_at	-0.52251242	-0.51129558	KIAA1211	KIAA1211 DKFZp564H13	57482
207060_at	-1.15833468	0.12463473	EN2	engrailed horr -	2020
218203_at	-0.21397429	-0.81971442	ALG5	asparagine-lin RP11-421P11.	29880
210156_s_at	-0.29574801	-0.73734899	PCMT1	protein-L-isoa -	5110
218485_s_at	-0.49015464	-0.54228187	SLC35C1	solute carrier FLJ11320 FLJ:	55343
203219_s_at	-0.33872425	-0.69340727	APRT	adenine phos; AMP DKFZp6:	353
218946_at	-0.31564908	-0.71610777	NFU1	NFU1 iron-sul CGI-33 HIRIP:	27247
239753_at	-0.87222009	-0.15944919	LOC441383	hypothetical g-	441383
218488_at	-0.1820133	-0.84953162	EIF2B3	eukaryotic tra EIF-2B EIF2Bg	8891
227054_at	-0.61993363	-0.41106061	N6AMT2	N-6 adenine-s ESP13	221143
223308_s_at	-0.57770228	-0.45328132	WDR5	WD repeat do BIG-3 SWD3	11091
227234_at	-0.97085638	-0.05986062	LOC10013281	hypothetical r-	100132815
235588_at	-1.04661738	0.01683898	ESCO2	establishment 2410004I17Ri	157570
202145_at	-0.53472503	-0.49496195	LY6E	lymphocyte ai RIG-E RIGE Si	4061
204335_at	-0.65722021	-0.37237047	CCDC94	coiled-coil dor FLJ10374	55702
205008_s_at	-0.99235755	-0.03707283	CIB2	calcium and ir KIP2	10518
205593_s_at	-0.76791265	-0.25929348	PDE9A	phosphodiester HSPDE9A2	5152
225086_at	-0.38117205	-0.64596016	FAM98B	family with se FLJ38426	283742
229068_at	-0.8891191	-0.13748114	CCT5	chaperonin cc CCT-epsilon C	22948
240436_at	-1.02764606	0.00143351	LOC650794	similar to FRA -	650794
228531_at	-0.3968557	-0.6271751	SAMD9	sterile alpha n C7orf5 FLJ20C	54809
219024_at	-0.59794977	-0.42603435	PLEKHA1	pleckstrin hon TAPP1	59338
240293_at	-0.84863594	-0.17522152	CCDC153	coiled-coil dor MGC125447	283152
220215_at	-0.57000079	-0.45357291	ZNF669	zinc finger prc FLJ12606	79862
211255_x_at	-0.43615488	-0.58719255	DEDD	death effectoi CASP8IP1 DEI	9191

221712_s_at	-0.66454383	-0.35871002	WDR74	WD repeat do FLJ10439 FLJ	54663
209160_at	0.00463905	-1.02667847	AKR1C3	aldo-keto red DD3 DDX HA	8644
213009_s_at	-0.72797196	-0.29279765	TRIM37	tripartite mot KIAA0898 ML	4591
238275_at	-0.39077677	-0.62950125	HAP1	huntingtin-ass HAP2 HIP5 H	9001
201485_s_at	-0.34737885	-0.67256702	RCN2	reticulocalbin E6BP ERC-55	5955
209885_at	-0.28761083	-0.73188302	RHOD	ras homolog g ARHD RHOHF	29984
204416_x_at	-0.59066191	-0.42863936	APOC1	apolipoproteii-	341
228889_at	-0.13170139	-0.88724733	C14orf128	chromosome MGC15504	84837
1557248_at	-0.63871442	-0.37983091	LOC730051	Z zinc finger prc FLJ39082	730051
202693_s_at	-0.28704154	-0.73146274	STK17A	serine/threon DRAK1	9263
205334_at	-1.03452143	0.01678497	S100A1	S100 calcium S100 S100-al	6271
208436_s_at	-0.32159057	-0.69590475	IRF7	interferon reg IRF-7H IRF7A	3665
202715_at	-0.79368543	-0.22351591	CAD	carbamoyl-ph -	790
206928_at	-0.93355349	-0.08348418	ZNF124	zinc finger prc HZF-16 HZF16	7678
222386_s_at	-0.00677333	-1.00965578	COPZ1	coatomer pro CGI-120 COP2	22818
209591_s_at	-0.76011534	-0.25613342	BMP7	bone morpho; OP-1	655
218501_at	-0.34363223	-0.6720836	ARHGEF3	Rho guanine r DKFZp434F24	50650
223183_at	-0.84387627	-0.17178424	AGPAT3	1-acylglycerol LPAAT-GAMM	56894
224301_x_at	0.13707353	-1.15270361	H2AFJ	H2A histone f; FLJ10903 FLJ	55766
231773_at	-0.66700483	-0.34832926	ANGPTL1	angiopoietin-l ANG3 ANGPT	9068
236356_at	-0.84907056	-0.16564887	NDUFS1	NADH dehydr CI-75Kd MGC	4719
219565_at	-0.24571775	-0.76740531	CYP20A1	cytochrome P CYP-M MGC2	57404
235122_at	-0.58329178	-0.42965101	HIVEP3	human immur FLJ16752 KBF	59269
209463_s_at	-0.37522813	-0.63762977	TAF12	TAF12 RNA pc TAF2J TAFII2C	6883
203669_s_at	-0.62905292	-0.38322862	DGAT1	diacylglycerol ARGP1 DGAT	8694
226325_at	-0.9961228	-0.01606375	ADSSL1	adenylosuccin FLJ38602	122622
1552323_s_at	0.11980769	-1.13097433	FAM122C	family with se -	159091
228126_x_at	-0.65666648	-0.35376254	CTXN1	cortexin 1 CTXN FLJ2596	404217
210978_s_at	-0.32453433	-0.68562854	TAGLN2	transgelin 2 HA1756 KIAA	8407
227366_at	-0.90197027	-0.10780442	RILP	Rab interactin FLJ31193 PP1	83547
208906_at	-0.51638562	-0.49173875	BSCL2	Berardinelli-S GNG3LG HMI	26580
232037_at	-0.87797924	-0.12982833	IGDCC3	immunoglobu HsT18880 PU	9543
231176_at	-0.92880871	-0.0788837	PRR19	proline rich 1 MGC70924	284338
209644_x_at	-0.31990256	-0.68658583	CDKN2A	cyclin-depend ARF CDK4I CI	1029
201645_at	-1.08266256	0.07742066	TNC	tenascin C HXB MGC167	3371
225962_at	-0.83233008	-0.17230451	ZNRF1	zinc and ring f DKFZp434E22	84937
225748_at	-0.70288333	-0.30174755	LTV1	LTV1 homolog C6orf93 FLJ14	84946
209877_at	-1.00414662	0	SNCG	synuclein, gan BCSG1 SR	6623
218447_at	-0.48008228	-0.52353783	C16orf61	chromosome 2310061C15R	56942
209490_s_at	-0.52313312	-0.47974096	PPT2	palmitoyl-proi C6orf8 DKFZp	9374
201683_x_at	-0.32860205	-0.67363374	TOX4	TOX high mob C14orf92 KIA	9878
221548_s_at	-0.58564861	-0.41607425	ILKAP	integrin-linker DKFZp434J20:	80895
1556308_at	0	-1.00107806	PRRT3	proline-rich tr FLJ33674 MG	285368
211871_x_at	0.17517131	-1.17609925	GNB5	guanine nucle FLJ37457 FLJ4	10681
219103_at	-1.28902048	0.28819579	ASAP3	ArfGAP with SACAP4 CENTE	55616
227940_at	-0.52502021	-0.47542725	LOC339803	hypothetical p-	339803
239155_at	-0.31221042	-0.68814578	CXADRP1	coxsackie viru CAR CXADRP	653108
214343_s_at	-0.6683531	-0.33188721	ATXN7L1	ataxin 7-like 1 ATXN7L4 FLJ4	222255

216594_x_at	0.2845178	-1.28393267	AKR1C1	aldo-keto red	2-ALPHA-HSD	1645
1562378_s_at	-0.01992346	-0.97938179	PROM2	prominin 2	MGC138714	150696
224302_s_at	-0.63627299	-0.36266527	MRPS36	mitochondrial	DC47 MGC22	92259
228205_at	0.20432773	-1.20266712	TKT	transketolase	FLJ34765 TKT	7086
224886_at	-0.82503086	-0.17273966	JMJD8	jumonji doma	C16orf20 PP1	339123
223361_at	-0.40766992	-0.58997824	C6orf115	chromosome	HSPC280 PRC	58527
222195_s_at	-0.74385328	-0.25292383	C9orf156	chromosome	HSPC219 NAF	51531
228902_at	-1.08003641	0.08326959	NUP214	nucleoporin 2	CAIN CAN D9	8021
202663_at	-0.7047096	-0.29189579	WIPF1	WAS/WASL in	MGC111041	7456
207025_at	-1.01446141	0.01815552	GJC2	gap junction p	CX46.6 Cx47	57165
209817_at	-0.54644562	-0.44931887	PPP3CB	protein phosp	CALNA2 CALM	5532
205219_s_at	0.23161913	-1.22664987	GALK2	galactokinase	GK2 MGC174	2585
212989_at	-0.83255051	-0.16144295	SGMS1	sphingomyelir	MGC17342 M	259230
204808_s_at	-0.35473918	-0.63859968	TMEM5	transmembrai	HP10481	10329
217780_at	-0.45785911	-0.53404423	C19orf56	chromosome	PTD008	51398
224734_at	-0.83251148	-0.15876483	HMGB1	high-mobility	DKFZp686A04	3146
225014_at	-0.15478148	-0.83642504	C4orf52	chromosome	-	389203
222889_at	-0.75990868	-0.23086984	DCLRE1B	DNA cross-link	APOLLO DKFZ	64858
205677_s_at	-0.36398835	-0.62675457	DLEU1	deleted in lym	BCMS DLB1 I	10301
209525_at	-0.73470587	-0.25390294	HDGFRP3	hepatoma-dei	CGI-142 HDG	50810
204087_s_at	-1.06949171	0.08128475	SLC5A6	solute carrier	SMVT	8884
228993_s_at	0.08126903	-1.0688554	NCRNA00081	non-protein c	bA348N5.3	92482
217989_at	-0.00400323	-0.98287996	HSD17B11	hydroxysteroid	17BHS11 Df	51170
233208_x_at	-0.74374253	-0.24312595	CPSF2	cleavage and	CPSF100 KIA	53981
203524_s_at	-0.67392886	-0.31237454	MPST	mercaptopyru	MGC24539 M	4357
210418_s_at	-0.39300591	-0.59315721	IDH3B	isocitrate deh	FLJ11043 H-I	3420
209420_s_at	-0.47573009	-0.51002361	SMPD1	sphingomyelir	ASM NPD	6609
226649_at	-0.34495459	-0.64002134	PANK1	pantothenate	MGC24596 P	53354
1566472_s_at	-0.37920073	-0.60557613	RETSAT	retinol satur	FLJ20296	54884
203228_at	-0.69774731	-0.28702114	PAFAH1B3	platelet-activ	FLJ44990 PAF	5050
229892_at	-0.53599416	-0.44869228	EP400NL	EP400 N-term	DKFZp434I22	347918
233675_s_at	-0.64869451	-0.33537016	LOC374491	TPTE and PTEI	-	374491
226565_at	-0.1563785	-0.82766108	TMEM99	transmembrai	MGC21518	147184
1563445_x_at	-0.06707578	-0.91580855	CTSLL3	cathepsin L-lik	-	1518
205818_at	-0.98380904	0.00204029	DBC1	deleted in bla	DBCCR1 FAM	1620
204426_at	0.06884917	-1.05011741	TMED2	transmembrai	FLJ21323 P24	10959
204149_s_at	0	-0.98025264	GSTM4	glutathione S-	GSTM4-4 GTM	2948
203184_at	-1.22698516	0.24782916	FBN2	fibrillin 2	CCA DA9	2201
243386_at	-0.97877843	-0.00017696	CASZ1	castor zinc fin	CST FLJ12223	54897
217979_at	-0.4561383	-0.52275839	TSPAN13	tetraspanin 1	FLJ22934 NET	27075
218477_at	-0.53718901	-0.44115315	TMEM14A	transmembrai	C6orf73 PTDC	28978
213230_at	-1.08846006	0.11012251	CDR2L	cerebellar deg	HUMPPA	30850
215088_s_at	-0.40404195	-0.57321713	hCG_1776980	hCG1776980	LOC642502	642502
201695_s_at	-0.53938433	-0.437404	NP	nucleoside ph	FLJ94043 FLJ	4860
223229_at	-0.2822887	-0.69381641	UBE2T	ubiquitin-conj	HSPC150 PIG	29089
208653_s_at	0.15442276	-1.13052751	CD164	CD164 molec	MGC-24 MUC	8763
239835_at	-0.13280596	-0.84297503	KBTBD8	kelch repeat	aFLJ57592 KIA	84541
222754_at	-0.3877301	-0.5876286	TRNT1	tRNA nucleoti	CCA1 CGI-47	51095

226026_at	-0.61904048	-0.35541434	DIRC2	disrupted in r	FLJ14784 RCC	84925
226536_at	-0.26645963	-0.70728328	NSMCE2	non-SMC elen	C8orf36 FLJ3:	286053
204475_at	-0.38371118	-0.58983846	MMP1	matrix metall	CLG CLGN	4312
205698_s_at	-0.02537792	-0.94774218	MAP2K6	mitogen-activ	MAPKK6 MEK	5608
223907_s_at	-0.68910623	-0.28280248	PINX1	PIN2-interacti	FLJ20565 LPT	54984
209065_at	-0.58834167	-0.38227174	UQCRB	ubiquinol-cytc	FLJ92016 FLJ:	7381
227893_at	-0.74709744	-0.22283712	C9orf130	chromosome	FLJ34818 FLJ:	100128782
201264_at	-0.23770766	-0.73218405	COPE	coatomer pro	FLJ13241 eps	11316
201349_at	-0.57353088	-0.39629989	SLC9A3R1	solute carrier	EBP50 NHERF	9368
227856_at	-0.69458107	-0.27495782	C4orf32	chromosome	FLJ39370	132720
218654_s_at	-0.24092044	-0.72831123	MRPS33	mitochondrial	CGI-139 FLJ2:	51650
205775_at	0.07021793	-1.03921534	FAM50B	family with se	D6S2654E X5	26240
200664_s_at	-0.50992147	-0.45867005	DNAJB1	DnaJ (Hsp40)	HSPF1 Hdj1 H	3337
226459_at	-0.96810545	0	PIK3AP1	phosphoinosit	BCAP RP11-3:	118788
227385_at	-0.49715783	-0.47036069	PPAPDC2	phosphatidic	FLJ46512 FLJ:	403313
201123_s_at	-0.4461954	-0.52038103	EIF5A	eukaryotic tra	EIF-5A EIF5A1	1984
208541_x_at	-0.50917367	-0.45648586	TFAM	transcription f	MtTF1 TCF6	7019
203377_s_at	-0.40301387	-0.56202199	CDC40	cell division	cyEHB3 FLJ105:	51362
1570523_s_at	-0.2390863	-0.72575723	ATG10	ATG10 autop	APG10 APG1:	83734
221579_s_at	-0.4650568	-0.49927517	NUDT3	nudix (nucleo:	DIPP DIPP1	11165
219532_at	-0.50930758	-0.45496543	ELOVL4	elongation of	ADMD FLJ17:	6785
225541_at	-0.28119914	-0.68236593	RPL22L1	ribosomal pro	MGC104449	200916
203978_at	-0.72762352	-0.23425478	NUBP1	nucleotide bir	MGC117406	4682
203994_s_at	-0.55901316	-0.40266414	C21orf2	chromosome	A2 YF5	755
202518_at	-0.74003612	-0.22116292	BCL7B	B-cell CLL/lym-		9275
219148_at	-0.18874702	-0.77232371	PBK	PDZ binding ki	CT84 FLJ1438	55872
236465_at	-0.57216101	-0.38849032	RNF175	ring finger prc	FLJ34190	285533
220387_s_at	-0.45147722	-0.50916623	HHLA3	HERV-H LTR-a -		11147
213048_s_at	-0.41716503	-0.54256865	SET	SET nuclear or	2PP2A I2PP2/	6418
225764_at	-0.83128004	-0.12809486	ETV6	ets variant 6	TEL TEL/ABL	2120
226700_at	-0.03000273	-0.92779261	U2AF1L4	U2 small nucl	FLJ35525 MG	199746
219302_s_at	-0.55974345	-0.39657459	CNTNAP2	contactin assc	AUTS15 CASP	26047
219066_at	-0.44219238	-0.51362939	PPCDC	phosphopant	FLJ14585 MD	60490
244406_at	-0.72305339	-0.23246818	ZNF625	zinc finger prc-		90589
221224_s_at	0.0302472	-0.98518175	DCAKD	dephospho-Cc	FLJ22955	79877
223433_at	-0.72270364	-0.23205213	C7orf36	chromosome	GK003	57002
1557091_at	-0.38667618	-0.56787499	MAMSTR	MEF2 activatii	FLJ36070 MA	284358
219952_s_at	-0.88004512	-0.07195419	MCOLN1	mucolipin 1	ML4 MLIV M	57192
242356_at	-0.43005558	-0.52162598	VTI1A	vesicle transp	MVti1 Vti1-rp	143187
218218_at	-0.22305902	-0.72824621	APPL2	adaptor prote	DIP13B FLJ10	55198
220191_at	0.02366916	-0.97303918	GKN1	gastrokine 1	AMP18 BRIC	56287
212298_at	-1.04055394	0.09176224	NRP1	neuropilin 1	BDCA4 CD30:	8829
228989_at	-0.41311521	-0.53514949	C18orf56	chromosome -		494514
201980_s_at	-0.73737198	-0.21032676	RSU1	Ras suppresso	FLJ31034 RSP	6251
224523_s_at	-0.44979426	-0.49759907	C3orf26	chromosome	MGC4308	84319
1861_at	-0.23186484	-0.71529448	BAD	BCL2-associat	BBC2 BCL2L8	572
212437_at	-0.66967694	-0.27729155	CENPB	centromere p -		1059
218120_s_at	-0.10881195	-0.83807949	HMOX2	heme oxygen:	HO-2	3163



1552641_s_at	-1.11542511	0.16984023	ATAD3B	ATPase family AAA-TOB3 KIAA0107 Rpn19	83858
202753_at	-0.66180338	-0.28341616	PSMD6	proteasome ( KIAA0107 Rpn19	9861
202780_at	-0.71865943	-0.22607378	OXCT1	3-oxoacid CoA OXCT SCOT	5019
218854_at	-0.2281297	-0.71611004	DSE	dermatan sulf DSEPI SART2	29940
211023_at	-0.63222037	-0.30982161	PDHB	pyruvate dehyd DKFZp564K01	5162
1552470_a_at	-0.75672591	-0.18376759	ABHD11	abhydrolase d PP1226 WBSN	83451
205573_s_at	-0.04614645	-0.89421631	SNX7	sorting nexin 7 DKFZp564F05	51375
235689_at	-0.11628313	-0.82281081	MTFMT	mitochondrial FMT1	123263
206935_at	-0.92033944	-0.01796926	PCDH8	protocadherin ARCADLIN PA	5100
211760_s_at	-0.0696878	-0.86858018	VAMP4	vesicle-associated VAMP24	8674
209213_at	-0.20397248	-0.73368699	CBR1	carbonyl reductase CBR SDR21C1	873
201427_s_at	-0.34879915	-0.58846247	SEPP1	selenoprotein SELP SeP	6414
233375_at	-1.05135424	0.11462455	EFCAB2	EF-hand calcium-binding FLJ33608 MG	84288
212976_at	-0.49107096	-0.44540864	LRR8B	leucine rich repeat KIAA0231 MC	23507
201233_at	-0.41266323	-0.52374798	PSMD13	proteasome ( HSPC027 Rpn	5719
203015_s_at	-0.92292775	-0.01334621	SSX2IP	synovial sarcoma ADIP FLJ1084	117178
210983_s_at	-0.54416512	-0.39154368	MCM7	minichromosome CDC47 MCM7	4176
226936_at	-0.57942885	-0.35623493	C6orf173	chromosome CUG2 DKFZp686E09	387103
200900_s_at	-0.29073596	-0.64439538	M6PR	mannose-6-phosphate CD-MPR FLJ3	4074
230811_at	-0.55447373	-0.38032551	C16orf55	chromosome FLJ31606	124045
202354_s_at	-0.14097058	-0.7935391	GTF2F1	general transcription BTF4 RAP74	2962
221561_at	-0.5966109	-0.33760635	SOAT1	sterol O-acyltransferase AACT ACAT	6646
227204_at	-0.50606051	-0.42808386	PARD6G	par-6 partitioning FLJ45701 PAF	84552
222422_s_at	-0.27441287	-0.65969163	NDFIP1	Nedd4 family MGC10924 N	80762
223434_at	0.09259186	-1.02658798	GBP3	guanylate binding DKFZp686E09	2635
238020_at	-0.73844742	-0.19525768	PSMC2	proteasome ( MGC3004 M	5701
203908_at	-0.1205627	-0.81309361	SLC4A4	solute carrier DKFZp781H13	8671
211097_s_at	-1.18196753	0.24861635	PBX2	pre-B-cell leukemia G17 HOX12 F	5089
230670_at	-0.94526974	0.01344385	IGSF10	immunoglobulin CMF608 FLJ2	285313
204719_at	-0.92198465	-0.00921004	ABCA8	ATP-binding cassette KIAA0822 MC	10351
204337_at	-0.20003732	-0.73106252	RGS4	regulator of G-protein DKFZp761F19	5999
205880_at	-1.02619414	0.09561372	PRKD1	protein kinase PKC-MU PKCI	5587
201342_at	-0.46523807	-0.46379921	SNRPC	small nuclear RNA FLJ20302 U1C	6631
209595_at	-0.50243937	-0.42537619	GTF2F2	general transcription BTF4 RAP30	2963
203337_x_at	-0.33545212	-0.59205534	ITGB1BP1	integrin beta 1 DKFZp686K08	9270
227790_at	-0.59184899	-0.3355893	UBE2CBP	ubiquitin-conjugating C6orf157 DKF	90025
206562_s_at	0.08085585	-1.00823076	CSNK1A1	casein kinase CK1 HLCDDGP1	1452
213826_s_at	-0.10343439	-0.82355096	H3F3A	H3 histone, family H3.3A H3F3 H	3020
205249_at	0.26620839	-1.19299625	EGR2	early growth response AT591 CMT1I	1959
1554342_s_at	-0.32900787	-0.59769429	HELQ	helicase, POL32 HEL308 MGC	113510
208447_s_at	-0.16009893	-0.76626155	PRPS1	phosphoribosyl transferase ARTS CMTX5	5631
228796_at	-0.6642254	-0.26198918	CPNE4	copine IV COPN4 CPN4	131034
227467_at	-0.60357892	-0.32254999	RDH10	retinol dehydrogenase SDR16C4	157506
225749_at	-0.09707114	-0.82873696	C16orf91	chromosome MGC104723	283951
221705_s_at	-0.67166742	-0.25349796	SIKE1	suppressor of tumor DKFZp686A07	80143
238765_at	-0.50574646	-0.41893175	ATP6V1G1	ATPase, H+ transporting ATP6G ATP6C	9550
204343_at	-1.07274323	0.14858496	ABCA3	ATP-binding cassette ABC-C ABC3	21
221679_s_at	-0.8180966	-0.10584921	ABHD6	abhydrolase d-	57406

210570_x_at	-0.32609446	-0.59682816	MAPK9	mitogen-activ JNK-55 JNK2	5601
202893_at	-0.48313014	-0.43970293	UNC13B	unc-13 homol MGC133279	10497
222894_x_at	-0.30733788	-0.61524753	C20orf7	chromosome FLJ22324 MG	79133
201120_s_at	-0.07431134	-0.84787013	PGRMC1	progesterone HPR6.6 MPR	10857
1555058_a_at	-0.17778728	-0.74424408	LPGAT1	lysophosphati FAM34A FAM	9926
205944_s_at	-0.97849586	0.05685772	CLTCL1	clathrin, heav CHC22 CLH22	8218
222062_at	-0.71626566	-0.20530285	IL27RA	interleukin 27 CRL1 IL27R T	9466
206375_s_at	-0.54262981	-0.37830112	HSPB3	heat shock 27 HSPL27	8988
224279_s_at	-0.33301204	-0.58683563	CABYR	calcium bindir CBP86 CT88	26256
218495_at	-0.39603496	-0.52347378	UXT	ubiquitously-ε ART-27 STAP:	8409
201953_at	-0.34982545	-0.56954767	CIB1	calcium and ir CIB KIP KIP1	10519
222499_at	-0.79111473	-0.12636022	MRPS16	mitochondrial CGI-132 COXI	51021
232533_at	-0.73703706	-0.18024353	METTL8	methyltransfe FLJ13334 FLJ:	79828
221473_x_at	0.02034671	-0.93761557	SERINC3	serine incorporc AIGP1 DIFF33	10955
210256_s_at	-0.47936163	-0.43763057	PIP5K1A	phosphatidylii-	8394
228558_at	-0.97011605	0.05374302	C14orf80	chromosome MGC16771	283643
218385_at	-0.5272534	-0.388991	MRPS18A	mitochondrial FLJ10548 Hur	55168
222385_x_at	-0.2415077	-0.6743618	SEC61A1	Sec61 alpha 1 HSEC61 SEC6	29927
231396_s_at	-0.640598	-0.27484898	FAM126A	family with se DRCTNNB1A	84668
220444_at	-0.1674771	-0.7474567	ZNF557	zinc finger prc FLJ96454 MG	79230
202793_at	-0.30584012	-0.6088149	LPCAT3	lysophosphati C3F MBOAT5	10162
225646_at	-0.30510529	-0.60854001	CTSC	cathepsin C CPPI DPP1 D	1075
235198_at	-0.14396675	-0.76945695	OSTM1	osteopetrosis GIPN GL HSP	28962
218961_s_at	-0.19844692	-0.71494888	PNKP	polynucleotid PNK	11284
209498_at	0.12375226	-1.03669999	CEACAM1	carcinoembry BGP BGP1 BC	634
224250_s_at	-0.55179153	-0.36093342	SECISBP2	SECIS binding DKFZp686C09	79048
209348_s_at	0.08460136	-0.9971453	MAF	v-maf muscuk MGC71685 c-	4094
208946_s_at	-0.5125317	-0.39992742	BECN1	beclin 1, auto ATG6 VPS30	8678
202598_at	-0.81521152	-0.09654314	S100A13	S100 calcium -	6284
206092_x_at	-1.22290986	0.31126791	RTEL1	regulator of te C20orf41 DKF	51750
212708_at	-1.00235471	0.09181812	MSL1	male-specific DKFZp686J17:	339287
204033_at	-0.84824046	-0.06226371	TRIP13	thyroid hormc 16E1BP	9319
219729_at	-0.72650577	-0.18359325	PRRX2	paired related MGC19843 P	51450
204862_s_at	-0.77625661	-0.13383935	NME3	non-metastati DR-nm23 KIA	4832
204100_at	-1.08734558	0.17800165	THRA	thyroid hormc AR7 EAR7 ER	7067
213103_at	-0.60648534	-0.30215476	STARD13	StAR-related   DLC2 FLJ3738	90627
212841_s_at	0.37216521	-1.28071018	PPFIBP2	PTPRF interac Cclp1 DKFZp7	8495
204688_at	-0.14994685	-0.75857811	SGCE	sarcoglycan, e DYT11 ESG	8910
201360_at	-0.4185201	-0.48824798	CST3	cystatin C ARMD11 MG	1471
210213_s_at	-0.46341819	-0.44321509	EIF6	eukaryotic tra 2 CAB EIF3A	3692
1555981_at	-1.14190099	0.23548737	C17orf65	chromosome DKFZp762C24	339201
204120_s_at	-0.43754301	-0.46873955	ADK	adenosine kin AK	132
202431_s_at	-0.5670118	-0.33873235	MYC	v-myc myeloc MRTL bHLHe:	4609
203899_s_at	-0.33772358	-0.56747571	CRCP	CGRP recepto CGRP-RCP M	27297
1554577_a_at	-0.01077123	-0.89370762	PSMD10	proteasome ( dj889N15.2 p	5716
205440_s_at	-0.69789597	-0.20656594	NPY1R	neuropeptide NPYR	4886
226013_at	-0.63506867	-0.26921709	TRAK1	trafficking pro OIP106	22906
226987_at	-0.45412772	-0.44948425	RBM15B	RNA binding n HUMAGCGB	29890

227592_at	-0.83190216	-0.07114927	ALDH16A1	aldehyde dehyd	MGC10204	126133
224715_at	-0.68146062	-0.22108036	WDR34	WD repeat do	MGC20486 R	89891
227294_at	-0.76950743	-0.13286046	ZNF689	zinc finger prc	DKFZp762C17	115509
207147_at	-0.58591534	-0.3163579	DLX2	distal-less hor	TES-1 TES1	1746
223594_at	-0.60969847	-0.29239459	TMEM117	transmembrai	DKFZp434K24	84216
202465_at	-0.92098856	0.02060742	PCOLCE	procollagen C	PCPE PCPE1	5118
238435_at	-1.29043295	0.39020388	CA5BP	carbonic anhy	CA5BL PRO23	340591
231715_s_at	-0.46192386	-0.43746629	PYCR2	pyrroline-5-ca	FLJ54750 P5C	29920
231411_at	-0.24648631	-0.65177498	LHFP	lipoma HMGIC	MGC22429	10186
1554132_a_at	-0.76281312	-0.13484702	FAM190B	family with se	FLJ14262 FLJ	54462
228986_at	-0.34334765	-0.55390588	OSBPL8	oxysterol bind	DKFZp686A11	114882
244052_at	-0.14242415	-0.75476701	CBR4	carbonyl redu	FLJ14431 SDF	84869
219125_s_at	-0.5708409	-0.32593891	RAG1AP1	recombinatio	SCP slv	55974
232897_at	-0.13921095	-0.75664408	FLJ20444	hypothetical ꝑ	-	403323
204905_s_at	-0.37070908	-0.52358375	EEF1E1	eukaryotic tra	AIMP3 P18	9521
221549_at	-0.67270234	-0.22142647	GRWD1	glutamate-ric	CDW4 GRWD	83743
210778_s_at	-0.83204199	-0.06179967	MXD4	MAX dimeriza	MAD4 MST14	10608
220326_s_at	-0.92830015	0.03451873	FLJ10357	hypothetical ꝑ	SOLO	55701
223122_s_at	0	-0.89266868	SFRP2	secreted frizzl	FRP-2 SARP1	6423
203974_at	-0.58237219	-0.31021064	HDHD1A	haloacid deha	DXF68S1E FA	8226
218774_at	-0.07621362	-0.81603422	DCPS	decapping enz	HINT-5 HSL1	28960
1554167_a_at	-0.21076773	-0.68122674	GOLGA7	golgi autoanti	GCP16 GOLG	51125
1557114_a_at	-0.97304308	0.08124035	LOC284385	hypothetical ꝑ	-	284385
238599_at	-0.339531	-0.55138097	IRAK1BP1	interleukin-1	rAIP70 MGC13	134728
214636_at	-0.76256494	-0.12814899	CALCB	calcitonin-rela	CALC2 CGRP-	797
210323_at	-0.99867092	0.1081774	TEKT2	tektin 2 (testic	TEKTB1 TEKTI	27285
226701_at	-0.92081407	0.03168144	GJA5	gap junction p	CX40 MGC11	2702
204975_at	-0.69104265	-0.19773773	EMP2	epithelial mer	MGC9056 XM	2013
222632_s_at	0.11723852	-1.00585567	LZTFL1	leucine zipper	FLJ36386	54585
1552306_at	-0.39766403	-0.49059793	ALG10	asparagine-lin	DIE2 FLJ1475	84920
222955_s_at	-0.14519905	-0.74281135	FAM45A	family with se	-	404636
216684_s_at	0.15793383	-1.04548726	SS18	synovial sarco	MGC116875 :	6760
222155_s_at	-0.73418118	-0.15328646	GPR172A	G protein-cou	D15Ertd747e	79581
227296_at	-0.20133984	-0.68578435	MFSD3	major facilitat	-	113655
219842_at	-0.67480024	-0.21208221	ARL15	ADP-ribosylati	ARFRP2 FLJ2C	54622
215068_s_at	-0.89112011	0.0044338	FBXL18	F-box and leuc	FLJ10776 FLJ:	80028
230871_at	-0.76427498	-0.12061714	DHX30	DEAH (Asp-Glu	DDX30 FLJ11:	22907
227700_x_at	-0.98943603	0.10457121	ATAD3A	ATPase family	FLJ10709	55210
226467_at	-0.54967975	-0.33463891	TMCO7	transmembrai	FLJ12688 KIA	79613
205571_at	-0.38643193	-0.49787749	LIPT1	lipoyltransfer	ꝑ MGC12290 M	51601
213129_s_at	-0.77374394	-0.11048446	LOC730107	similar to Glyc	-	730107
202143_s_at	-0.09506629	-0.78876699	COPS8	COP9 constitu	COP9 CSN8 M	10920
208629_s_at	-0.22521364	-0.65773488	HADHA	hydroxyacyl-C	ECHA GBP H/	3030
220115_s_at	-0.11916766	-0.76307939	CDH10	cadherin 10, t	-	1008
203680_at	-0.68140821	-0.20037819	PRKAR2B	protein kinase	PRKAR2 RII-B	5577
219158_s_at	-0.80176077	-0.07830124	NARG1	NMDA recept	Ga19 NATH 1	80155
226916_x_at	-1.17553624	0.2955069	DPP9	dipeptidyl-peꝑ	DKFZp762F11	91039
225936_at	-0.39459801	-0.48511085	EID2	EP300 interac	CRI2 EID-2 M	163126

218298_s_at	-0.87954226	0	C14orf159	chromosome C14orf160 D	80017
242794_at	-0.96026312	0.0810822	MAML3	mastermind-li CAGH3 ERDA	55534
221738_at	-0.86101149	-0.01801283	RALGAPB	Ral GTPase ac DKFZp686N19	57148
241602_at	-0.40135355	-0.4762955	ZNF582	zinc finger prc FLJ30927	147948
223286_at	-0.36414007	-0.5132576	C17orf81	chromosome DERP6 HSPCC	23587
1552897_a_at	0	-0.87709548	KCNG3	potassium vol KV10.1 KV6.3	170850
212956_at	-0.26675186	-0.60984314	TBC1D9	TBC1 domain KIAA0882 MC	23158
222717_at	-0.30072191	-0.57494185	SDPR	serum depriva PS-p68 SDR c	8436
213696_s_at	-0.19436113	-0.68100239	MED8	mediator com ARC32 MGC1	112950
212009_s_at	-0.26442848	-0.61069657	STIP1	stress-inducec HOP IEF-SSP-	10963
217309_s_at	-0.15319405	-0.72192639	DSCR3	Down syndror DCRA DSCRA	10311
223402_at	-0.75310095	-0.12177599	DUSP23	dual specificit' DUSP25 FLJ2(	54935
206104_at	-0.94416736	0.07005242	ISL1	ISL LIM home( ISLET1 Isl-1	3670
222663_at	-0.59053076	-0.28355005	RIOK2	RIO kinase 2 ( FLJ11159 RIO	55781
217574_at	0.42378501	-1.2978645	CDH8	cadherin 8, ty Nbla04261	1006
223138_s_at	-0.1693348	-0.70470962	DHX36	DEAH (Asp-Glu DDX36 G4R1	170506
231361_at	-0.58362277	-0.28956541	NLGN1	neuroligin 1 KIAA1070 MC	22871
1565269_s_at	-0.32268806	-0.5501538	ATF1	activating trar EWS-ATF1 FU	466
202823_at	-0.31859876	-0.5531241	TCEB1	transcription ( SIII	6921
1557331_at	-0.52671244	-0.34477195	POLR1B	polymerase (F FLJ10816 FLJ	84172
205071_x_at	0.05325012	-0.92416174	XRCC4	X-ray repair cc-	7518
226533_at	-0.01760995	-0.85314044	HINT3	histidine triad FLJ33126 FLJ	135114
232340_at	-1.3760411	0.505537	LOC388889	hypothetical L -	388889
240572_s_at	-0.01174925	-0.85872728	LOC374443	CLR pseudoge -	374443
219570_at	-0.24880208	-0.62164955	KIF16B	kinesin family C20orf23 KIS(	55614
225837_at	-0.44040008	-0.42994635	C12orf32	chromosome HKMT1188 M	83695
230285_at	-0.79105811	-0.07927634	SVIP	small VCP/p9; DKFZp313A24	258010
50374_at	-0.63875967	-0.23122982	C17orf90	chromosome MGC104712	339229
227195_at	-0.89887557	0.02979174	ZNF503	zinc finger prc FLJ45745 MG	84858
235844_at	-0.48617698	-0.38179991	PHTF1	putative hom( PHTF	10745
208024_s_at	-0.55659601	-0.31072864	DGCR6	DiGeorge sync -	8214
202743_at	-0.66434585	-0.20286177	PIK3R3	phosphoinosit DKFZp686P05	8503
229720_at	-1.26012228	0.39380822	BAG1	BCL2-associat RAP46	573
226141_at	-0.85249076	-0.0136159	CCDC149	coiled-coil dor DKFZp761B10	91050
222438_at	-0.5565978	-0.30830576	MED4	mediator com DRIP36 FLJ10	29079
219889_at	-0.5111871	-0.35333442	FRAT1	frequently rea FLJ97193	10023
223084_s_at	-0.04924168	-0.81484488	CCNDBP1	cyclin D-type I DIP1 GCIP	23582
210106_at	-0.85547498	-0.00782373	RDH5	retinol dehydr FLJ39337 FLJ	5959
1558487_a_at	-0.66912554	-0.1939664	TMED4	transmembrai ERS25 HNLF	222068
224890_s_at	-0.135445	-0.72671007	C7orf59	chromosome MGC163425	389541
212880_at	-0.54269133	-0.319173	WDR7	WD repeat do KIAA0541 TR/	23335
209001_s_at	-0.40553849	-0.45577958	ANAPC13	anaphase proi APC13 DKFZp	25847
219568_x_at	-0.85289537	-0.00833664	SOX18	SRY (sex deter HLTS	54345
223627_at	-0.49097391	-0.36868876	MEX3B	mex-3 homolc DKFZp434J06:	84206
203207_s_at	-0.18250272	-0.67675894	MTFR1	mitochondrial CHPPR FAM5	9650
1557910_at	-0.11672568	-0.74049942	HSP90AB1	heat shock pr( D6S182 FLJ2(	3326
218760_at	-0.07286915	-0.78395785	COQ6	coenzyme Q6 CGI-10	51004
219448_at	-0.59123802	-0.26520477	TMEM70	transmembrai FLJ20533	54968

213446_s_at	-0.61915201	-0.23677125	IQGAP1	IQ motif cont: HUMORFA01	8826
203722_at	-0.361053	-0.49481537	ALDH4A1	aldehyde dehy: ALDH4 DKFZp	8659
209279_s_at	-0.22647797	-0.62909504	NSDHL	NAD(P) depen: H105E3 SDR3	50814
232523_at	0	-0.8552438	MEGF10	multiple EGF-I: DKFZp781K18	84466
203126_at	-0.01578541	-0.83922344	IMPA2	inositol(myo)-	3613
210151_s_at	-0.09154804	-0.76278957	DYRK3	dual-specificit: DYRK5 RED F	8444
1554242_a_at	-0.71882962	-0.13501926	COCH	coagulation fa: COCH-5B2 CC	1690
223442_at	-0.34489101	-0.50885964	NICN1	nicolin 1 MGC12936	84276
221436_s_at	0.17823447	-1.03158774	CDC43	cell division cy: GRCC8 MGC2	83461
227951_s_at	-0.29287722	-0.5602797	FAM98C	family with se: FLJ44669	147965
227388_at	-0.36958674	-0.48320026	TUSC1	tumor suppre: MGC131751	286319
225625_at	-0.47137722	-0.37968565	ALKBH2	alkB, alkylatio: ABH2 FLJ991(	121642
214337_at	0	-0.85048324	COPA	coatomer pro: FLJ26320 HEF	1314
235475_at	-0.04662246	-0.80299774	SERP1	stress-associ: MGC117327	27230
205351_at	-0.60296943	-0.24610453	GGCX	gamma-glutar: FLJ26629 VKC	2677
218987_at	-0.69153078	-0.15730475	ATF7IP	activating trar: FLJ10139 FLJ:	55729
217923_at	-0.33344533	-0.51509199	PEF1	penta-EF-hanc: PEF1A PEFLIN	553115
201467_s_at	0.39960212	-1.24782248	NQO1	NAD(P)H dehy: DHQU DIA4 I	1728
205272_s_at	-0.84762729	0	PRH1	proline-rich pr: MGC74956 P.	5554
224669_at	-0.02178012	-0.82547031	DBNDD2	dysbindin (dys: C20orf35 CK1	55861
218785_s_at	-0.47862884	-0.3684848	RABL5	RAB, member: DKFZp761N08	64792
204032_at	-0.21911668	-0.62776911	BCAR3	breast cancer: KIAA0554 NSI	8412
226606_s_at	-0.31803455	-0.5262366	GTPBP5	GTP binding p: FLJ10741 MG	26164
215082_at	-0.13298669	-0.70929217	ELOVL5	ELOVL family: HELO1 dJ483	60481
218461_at	-0.21690507	-0.62482021	GPN3	GPN-loop GTP: ATPBD1C MG	51184
37226_at	0.1925862	-1.03397192	BNIP1	BCL2/adenovi: NIP1 SEC20 T	662
215506_s_at	-1.33247665	0.49112614	DIRAS3	DIRAS family, ARHI NOEY2	9077
33322_i_at	-0.30816944	-0.53274732	SFN	stratifin YWHAS	2810
201281_at	-0.67203861	-0.16874287	ADRM1	adhesion regu: ARM1 GP110	11047
222997_s_at	-0.80176339	-0.03863351	MRPS21	mitochondrial: MDS016 MRF	54460
201979_s_at	-0.42887796	-0.4104417	PPP5C	protein phosp: FLJ36922 PP5	5536
203162_s_at	-0.58602958	-0.25324768	KATNB1	katanin p80 (\KAT	10300
202950_at	-0.56966557	-0.26903424	CRYZ	crystallin, zeta: DKFZp779E08	1429
226908_at	-0.54274053	-0.295132	LRIG3	leucine-rich re: FLJ26573 FLJ:	121227
204821_at	-0.65239163	-0.18503581	BTN3A3	butyrophilin, s: BTF3	10384
237215_s_at	0.27472195	-1.11173386	TFRC	transferrin rec: CD71 TFR TFI	7037
228855_at	-0.0213262	-0.81567744	NUDT7	nudix (nucleo: -	283927
207621_s_at	-0.38267906	-0.45394746	PEMT	phosphatidyle: MGC2483 PE.	10400
235010_at	-0.50787462	-0.32851467	LOC729013	hypothetical p: -	729013
211279_at	-0.82447073	-0.01186304	NRF1	nuclear respir: ALPHA-PAL	4899
223306_at	0.21136431	-1.04734321	EBPL	emopamil bin: EBRP	84650
213497_at	-0.13753647	-0.69839126	ABTB2	ankyrin repea: DKFZp586C16	25841
206103_at	-0.43379916	-0.40185425	RAC3	ras-related C3 -	5881
219486_at	-0.36740982	-0.46822755	DUS2L	dihydrouridin: DUS2 FLJ203:	54920
231034_s_at	-0.10889581	-0.72670528	NHSL1	NHS-like 1 C6orf63 KIAA	57224
218541_s_at	-0.55231004	-0.2821104	C8orf4	chromosome MGC22806 T:	56892
209645_s_at	-0.63160988	-0.20203319	ALDH1B1	aldehyde dehy: ALDH5 ALDH:	219
204514_at	-0.71781883	-0.11577835	DPH2	DPH2 homolo: DPH2L2	1802

238167_at	-0.3742296	-0.45909252	C17orf51	chromosome FLJ12977 FLJ1	339263
229845_at	-0.42008923	-0.41233045	MAPKAP1	mitogen-activ JC310 MGC27	79109
229933_at	-0.28575564	-0.54610864	C1orf74	chromosome FLJ25078	148304
203261_at	-0.1580297	-0.67357504	DCTN6	dynactin 6 WS-3 WS3 p:	10671
228469_at	-0.81669859	-0.01428577	PPID	peptidylprolyl CYP-40 CYPD	5481
219633_at	-0.28603116	-0.54478138	TTPAL	tocopherol (al C20orf121 D	79183
203273_s_at	-0.44940887	-0.38128785	TUSC2	tumor suppre C3orf11 FUS1	11334
219283_at	-0.07376305	-0.75688495	C1GALT1C1	C1GALT1-spec C1GALT2 C1G	29071
219998_at	-0.36575428	-0.46480733	HSPC159	galectin-relate GRP MGC337	29094
212110_at	-0.15437144	-0.67549857	SLC39A14	solute carrier KIAA0062 LZT	23516
207023_x_at	-0.39095212	-0.43808447	KRT10	keratin 10 CK10 K10 KP	3858
228388_at	-0.31445541	-0.51436696	NFKBIB	nuclear factor IKBB TRIP9	4793
203502_at	-0.46664626	-0.36147752	BPGM	2,3-bisphosph-	669
227177_at	-0.82912554	0.00112321	CORO2A	coronin, actin CLIPINB DKFZ	7464
211330_s_at	0	-0.82755506	HFE	hemochromat HFE1 HH HLA	3077
244092_at	-0.41599149	-0.4115139	ZRANB3	zinc finger, RA4933425L19R	84083
224413_s_at	-0.45698269	-0.36991919	TM2D2	TM2 domain c BLP1 MGC12:	83877
204241_at	-0.49599849	-0.33048777	ACOX3	acyl-Coenzym -	8310
232024_at	0.27249726	-1.09871128	GIMAP2	GTPase, IMAP DKFZp586D08	26157
207156_at	-0.58034239	-0.24581201	HIST1H2AG	histone cluste H2A.1b H2A	8969
206785_s_at	-0.51788079	-0.30811105	KLRC2	killer cell lectii CD159c MGC	3822
202870_s_at	0.209136	-1.03460198	CDC20	cell division c CDC20A MGC	991
203801_at	-0.49651095	-0.32848652	MRPS14	mitochondrial DJ262D12.2 F	63931
203880_at	-0.20700867	-0.61792548	COX17	COX17 cytoch MGC104397	10063
206921_at	-0.82477655	0	GLE1	GLE1 RNA exp GLE1L LCCS L	2733
226027_at	-0.26497417	-0.55927823	C9orf119	chromosome bA395P17.9	375757
227750_at	-0.8708433	0.04666631	KALRN	kalirin, RhoGE DUET DUO FI	8997
201927_s_at	0.048943	-0.87295549	PKP4	plakophilin 4 FLJ31261 FLJ4	8502
204140_at	-0.12611536	-0.69765759	TPST1	tyrosylprotein-	8460
201618_x_at	-0.41164082	-0.41108889	GPAA1	glycosylphosp GAA1 hGAA1	8733
214364_at	-0.18007852	-0.64241026	MTERFD2	MTERF domai FLJ16261 MG	130916
229666_s_at	-0.45962068	-0.36247834	CSTF3	cleavage stimi CSTF-77 MGC	1479
213581_at	-0.74987602	-0.07220388	PDCD2	programmed i MGC12347 R	5134
220955_x_at	-0.38845616	-0.43345426	RAB23	RAB23, memt DKFZp781H06	51715
209040_s_at	0.06503386	-0.88677081	PSMB8	proteasome (j D6S216 D6S2	5696
208727_s_at	-0.31594351	-0.50495743	CDC42	cell division c CDC42Hs G25	998
208973_at	-0.44785948	-0.37288728	ERI3	ERI1 exoribon FLJ22943 MG	79033
201718_s_at	-0.47450653	-0.34567244	EPB41L2	erythrocyte m 4.1-G DKFZp7	2037
206569_at	-0.07647644	-0.74357287	IL24	interleukin 24 C49A FISP IL-	11009
228339_at	-0.82001062	0	ECSCR	endothelial ce ARIA ECSM2	641700
213402_at	-0.54802466	-0.27188942	ZNF787	zinc finger prc TIP20	126208
206271_at	-0.05987809	-0.76001396	TLR3	toll-like recep: CD283	7098
226616_s_at	-0.09227013	-0.72761474	NDUFV3	NADH dehydr CI-9KD	4731
218420_s_at	-0.33322118	-0.4860317	C13orf23	chromosome FLJ12661 FLJ2	80209
210117_at	-0.20931879	-0.60958231	SPAG1	sperm associa FLJ32920 HSC	6674
209726_at	-0.32759398	-0.49121259	CA11	carbonic anhy CARPX1	770
235219_at	-0.42602239	-0.3927432	C5orf55	chromosome -	116349
229018_at	-0.46833615	-0.34998952	C12orf26	chromosome FLJ22789	84190

218275_at	-0.82482055	0.00685448	SLC25A10	solute carrier DIC	1468
210386_s_at	-0.40452578	-0.41319514	MTX1	metaxin 1 MTX MTXN	4580
243087_at	0.21937567	-1.0367831	WDR63	WD repeat do FLJ30067 NYE	126820
227897_at	-0.00777903	-0.80952085	RAP2B	RAP2B, memt MGC20484	5912
218619_s_at	-0.59320879	-0.22396773	SUV39H1	suppressor of KMT1A MG44	6839
209084_s_at	-0.23942025	-0.57740729	RFC1	replication fac A1 MGC5178	5981
200704_at	-0.13702373	-0.67953039	LITAF	lipopolysacch: FLJ38636 MG	9516
206141_at	-0.41144567	-0.40411388	MOCS3	molybdenum MGC9252 UB	27304
212952_at	-0.16763769	-0.64781579	CALR	calreticulin CRT FLJ2668C	811
219828_at	-0.60036155	-0.21454956	C9orf86	chromosome FLJ10101 FLJ:	55684
223143_s_at	0.13761569	-0.95243885	AKIRIN2	akirin 2 C6orf166 FBI:	55122
207149_at	-0.70035143	-0.11380714	CDH12	cadherin 12, t CDHB FLJ348:	1010
200660_at	-0.64386225	-0.16943323	S100A11	S100 calcium MLN70 S100C	6282
224881_at	-0.26797759	-0.54468661	VKORC1L1	vitamin K epo: DKFZp762H01	154807
1555292_at	-1.05840371	0.24623337	FAM40B	family with se -	57464
209123_at	-0.27101273	-0.54097643	QDPR	quinoid dihyd DHPR FLJ423:	5860
204612_at	-0.87632648	0.06444691	PKIA	protein kinase PRKACN1	5569
223559_s_at	-0.48199947	-0.32938616	C9orf80	chromosome HSPC043 SOS	58493
229671_s_at	0.30271386	-1.1139745	C21orf45	chromosome B28 C21orf46	54069
228110_x_at	0.25312989	-1.06311867	RABGEF1	RAB guanine r FLJ32302 RAE	27342
205531_s_at	0	-0.80997317	GLS2	glutaminase 2 GA GLS LGA	27165
231102_at	-0.67195233	-0.1378235	CROT	carnitine O-oc COT	54677
217336_at	0.02689816	-0.83618569	RPS10P3	ribosomal pro RPS10_10_99	158104
223395_at	-0.24538231	-0.56315375	ABI3BP	ABI family, me FLJ41743 FLJ4	25890
207260_at	-0.65177198	-0.15655359	FEV	FEV (ETS onco HSRNAFEV) PE	54738
210180_s_at	0.12374444	-0.93182447	TRA2B	transformer 2 DKFZp686F18	6434
212848_s_at	-1.12729595	0.31942653	C9orf3	chromosome AP-O APO CS	84909
229393_at	-0.34154569	-0.46617824	L3MBTL3	l(3)mbt-like 3 MBT-1 MBT1	84456
202578_s_at	-0.74586378	-0.06145567	DDX19A	DEAD (Asp-Glu DDX19-DDX19	55308
204310_s_at	-1.10441416	0.29784059	NPR2	natriuretic pe AMDM ANPR	4882
204228_at	-0.4321104	-0.37407613	PPIH	peptidylprolyl CYP-20 CYPH	10465
229395_at	-0.6438383	-0.16227824	STX4	syntaxin 4 STX4A p35-2	6810
230575_at	0	-0.80610415	MSRB2	methionine su CBS-1 CBS1 C	22921
201234_at	-0.53493162	-0.26936883	ILK	integrin-linker DKFZp686F17	3611
219837_s_at	0	-0.80321528	CYTL1	cytokine-like 1 C17 C4orf4	54360
221810_at	-0.90498523	0.10258075	RAB15	RAB15, memt -	376267
212856_at	-0.68001169	-0.1219402	GRAMD4	GRAM domain DIP KIAA0767	23151
213648_at	-0.51779706	-0.28363825	CLEC3B	C-type lectin c DKFZp686H17	7123
214352_s_at	-0.27546226	-0.52552696	KRAS	v-Ki-ras2 Kirst C-K-RAS K-RA	3845
204752_x_at	-0.37869936	-0.42136125	PARP2	poly (ADP-ribo ADPRT2 ADPI	10038
237563_s_at	-0.17083908	-0.62897766	LOC440731	NA NA NA	
203417_at	-0.48432097	-0.31491925	MFAP2	microfibrillar: FLJ50901 MA	4237
217373_x_at	0.37718711	-1.17612824	MDM2	Mdm2 p53 bir HDMX MGC5	4193
221773_at	-0.93109532	0.13236352	ELK3	ELK3, ETS-don ERP NET SAP	2004
221521_s_at	-0.80121405	0.00256579	GINS2	GINS complex HSPC037 PSF	51659
221236_s_at	-0.7521727	-0.04637174	STMN4	stathmin-like MGC111012	81551
227396_at	-0.60592054	-0.19011369	PTPRJ	protein tyrosii CD148 DEP1	5795
235760_at	-0.14679956	-0.64787419	NSD1	nuclear recep: ARA267 DKFZ	64324

1554740_a_at	-0.07777621	-0.71633882	IPP	intracisternal .KLHL27	3652
228155_at	-0.59363304	-0.20016571	C10orf58	chromosome FLJ12536 FLJ:	84293
57163_at	-0.62202106	-0.17029228	ELOVL1	elongation of CGI-88 Ssc1	64834
218483_s_at	-0.24745305	-0.54466685	C11orf60	chromosome C11orf2 FLJ2:	56912
1555288_s_at	-0.39200149	-0.39994984	FBF1	Fas (TNFRSF6) Alb FBF-1 FLJ	85302
229033_s_at	-0.83749487	0.0456819	MUM1	melanoma as: FLJ14868 FLJ:	84939
208456_s_at	-0.14969438	-0.64143746	RRAS2	related RAS vi TC21	22800
206837_at	-0.49427281	-0.29662533	ALX1	ALX homeobo CART1	8092
32091_at	-0.41794547	-0.37256835	SLC25A44	solute carrier FLJ90431 KIA:	9673
218148_at	-0.69987045	-0.09037778	CENPT	centromere p C16orf56 CEN	80152
206960_at	-1.04505435	0.25488153	LPAR4	lysophosphati GPR23 LPA4	2846
219060_at	0.07415474	-0.86422432	WDYHV1	WDYHV motif C8orf32 FLJ1(	55093
210130_s_at	-0.52084958	-0.26905013	TM7SF2	transmembrai ANG1 DHCR1	7108
225651_at	-0.32690786	-0.46280889	UBE2E2	ubiquitin-conj FLJ25157 UB(	7325
236674_at	0.55844632	-1.34802629	LOC388780	hypothetical L -	388780
202188_at	-0.66408856	-0.12528024	NUP93	nucleoporin 9 KIAA0095 MC	9688
242178_at	-0.46194833	-0.32741282	LIPI	lipase, memb: CT17 LPDL PI	149998
224078_at	-0.49154127	-0.29716924	HIATL2	hippocampus FLJ45467 MG	84278
226686_at	-0.27047761	-0.5181934	CISD2	CDGSH iron st: ERIS Miner1	493856
205262_at	-0.78850542	0	KCNH2	potassium vol ERG1 HERG t	3757
223639_s_at	-0.18880948	-0.5987583	ZNRD1	zinc ribbon do HTEX-6 MGC:	30834
216274_s_at	-0.13260527	-0.65381925	SEC11A	SEC11 homolo: 1810012E07R	23478
224097_s_at	-0.2596543	-0.52654843	F11R	F11 receptor CD321 JAM J	50848
212484_at	-0.62325676	-0.16288859	FAM89B	family with se MTRV1	23625
213822_s_at	-0.39535703	-0.39063128	UBE3B	ubiquitin prot DKFZp586K21	89910
205330_at	-1.03536448	0.2495449	MN1	meningioma ( MGCR MGCR	4330
201016_at	-0.74979858	-0.035354	EIF1AX	eukaryotic tra EIF1A EIF1AP	1964
219996_at	-0.77691946	-0.00795828	ASB7	ankyrin repea: FLJ22551 FLJ:	140460
229852_at	-0.39712163	-0.38770309	NMNAT1	nicotinamide NMNAT PNA1	64802
223776_x_at	-0.09388025	-0.69055633	TINF2	TERF1 (TRF1)- TIN2 TIN2L	26277
232760_at	-1.23412253	0.45110827	TEX15	testis express: CT42 DKFZp4	56154
1569867_at	-1.25702501	0.47428647	EME2	essential meic FLJ00151 gs1	197342
235527_at	-0.60116634	-0.18149079	LOC284214	hypothetical ꝑ -	284214
207396_s_at	-0.343773	-0.43884233	ALG3	asparagine-lin CDGS4 D16Er	10195
215440_s_at	-0.26195085	-0.52031322	BEX4	brain express: BEXL1 FLJ100	56271
209955_s_at	-0.31906499	-0.46233206	FAP	fibroblast acti: DKFZp686G13	2191
204507_s_at	-0.07941236	-0.70189122	PPP3R1	protein phosp CALNB1 CNB	5534
205932_s_at	-0.7096524	-0.07148592	MSX1	msh homeobc HOX7 HYD1 :	4487
225088_at	0.29315391	-1.0735176	C16orf63	chromosome DKFZp686N16	123811
218559_s_at	0.18344302	-0.96374929	MAFB	v-maf muscul: KRML MGC4:	9935
204364_s_at	-1.40934414	0.62945647	REEP1	receptor acce: C2orf23 FLJ1:	65055
218948_at	-0.68502287	-0.09465449	QRSL1	glutaminy tRI DKFZp564C12	55278
228368_at	-0.09954479	-0.67984742	ARHGAP20	Rho GTPase a: KIAA1391 RA	57569
231955_s_at	0.20377404	-0.98267585	HIBADH	3-hydroxyisob: MGC40361 N	11112
203636_at	-0.34236749	-0.43649018	MID1	midline 1 (Opi BBBG1 FXY C	4281
209158_s_at	-0.28538656	-0.49336171	CYTH2	cytohesin 2 ARNO CTS18	9266
230618_s_at	-0.15953198	-0.61910598	BAT2D1	BAT2 domain BAT2-iso XTP	23215
206498_at	-0.74628466	-0.03226355	OCA2	oculocutaneo BEY BEY1 BE'	4948



225514_at	-0.48966465	-0.28866267	CIDEB	cell death-indi-	27141
201938_at	-0.69261098	-0.0855746	CDK2AP1	cyclin-depend DOC1 DORC1	8099
232915_at	-0.63063504	-0.14746955	DDX49	DEAD (Asp-Gli FLJ10432) R27	54555
201966_at	-0.33129086	-0.44673953	NDUFS2	NADH dehydr-	4720
225471_s_at	-0.71676225	-0.06122468	AKT2	v-akt murine tPKBB PKBBET	208
200661_at	-0.53809511	-0.23977798	CTSA	cathepsin A GLB2 GSL NG	5476
213745_at	0.248534	-1.02557704	ATRNL1	attractin-like :ALP FLJ45344	26033
204215_at	-0.5496444	-0.22739636	C7orf23	chromosome MGC4175 MI	79161
201083_s_at	-0.64390599	-0.13300998	BCLAF1	BCL2-associat BTF KIAA0164	9774
218940_at	-0.61739745	-0.15853629	C14orf138	chromosome FLJ13920	79609
209687_at	0	-0.77563518	CXCL12	chemokine (C-PBSF SCYB12	6387
202074_s_at	-0.15186345	-0.62354719	OPTN	optineurin FIP2 GLC1E H	10133
207980_s_at	-0.30504558	-0.47009316	CITED2	Cbp/p300-inte MRG1 P35SR	10370
224751_at	-0.09080348	-0.68393058	PL-5283	PL-5283 prote protein	647087
226070_at	-0.57017978	-0.20444608	C9orf142	chromosome -	286257
218981_at	-0.25873534	-0.51582743	ACN9	ACN9 homolo DC11	57001
235179_at	-0.37375817	-0.40054121	ZNF641	zinc finger prc DKFZp667D10	121274
209653_at	-0.34573166	-0.42835795	KPNA4	karyopherin a IPOA3 MGC1	3840
225751_at	-0.0527396	-0.72108044	RBM17	RNA binding n DKFZp686F13	84991
222719_s_at	0.15492038	-0.92840795	PDGFC	platelet derivε FALLOTEIN SC	56034
212660_at	-0.85094505	0.07775414	PHF15	PHD finger prc JADE2 KIAA02	23338
56829_at	-0.2787797	-0.49346048	TRAPP3	trafficking proIBP IKBKBPP	83696
229044_at	-0.30863969	-0.46353251	NUDT17	nudix (nucleo: FLJ34433	200035
217618_x_at	-0.27788892	-0.49209153	HUS1	HUS1 checkpc -	3364
223037_at	-0.4140485	-0.35552397	PDZD11	PDZ domain c AIPP1 PDZK1	51248
219679_s_at	-0.28438086	-0.48516927	WAC	WW domain c BM-016 MGC	51322
205375_at	-0.48547007	-0.28401183	MDFI	MyoD family i l-MF l-mfa	4188
213733_at	-0.37458653	-0.39471038	MYO1F	myosin IF -	4542
213721_at	-0.74144026	-0.02778729	SOX2	SRY (sex deter ANOP3 MCOI	6657
241972_at	-0.04785812	-0.72091372	LOC401588	hypothetical L -	401588
223635_s_at	-1.15316201	0.38464399	SSBP3	single strandε CSDP FLJ1035	23648
240382_at	-0.71991763	-0.04807883	LOC10013191	NA NA NA	
1558540_s_at	-0.19124318	-0.57667433	SLC2A11	solute carrier GLUT10 GLU1	66035
224932_at	-0.66509705	-0.10221207	CHCHD10	coiled-coil-hel C22orf16 MG	400916
222269_at	-0.06169507	-0.70559931	APOOL	apolipoprotein CXorf33 FAM	139322
213175_s_at	-0.30314677	-0.4639713	SNRPB	small nuclear COD SNRPB1	6628
225921_at	-0.6782828	-0.08869104	NIN	ninein (GSK3B KIAA1565	51199
222506_at	-0.82117829	0.05511127	LMBR1	limb region 1 ACHP C7orf2	64327
213316_at	-1.37180518	0.6059248	KIAA1462	KIAA1462 -	57608
212419_at	-0.63190713	-0.13271485	ZCCHC24	zinc finger, CC C10orf56 FLJ5	219654
201028_s_at	-0.02926239	-0.73475622	CD99	CD99 molecul HBA71 MIC2	4267
230788_at	0.14877616	-0.91209326	GCNT2	glucosaminy  (CCAT GCNT2(	2651
235465_at	-0.80604138	0.0432129	FAM123A	family with se FLJ25477	219287
204091_at	-0.39070597	-0.37167567	PDE6D	phosphodiester PDED	5147
223879_s_at	0.21967072	-0.98196227	OXR1	oxidation resi: FLJ10125 FLJ:	55074
1554414_a_at	-0.56115519	-0.20110979	OSGIN2	oxidative stre: C8orf1 hT41	734
202601_s_at	-0.44130342	-0.32083598	HTATSF1	HIV-1 Tat spec TAT-SF1 dJ19	27336
222669_s_at	-0.43133136	-0.33013488	SBDS	Shwachman-B CGI-97 FLJ105	51119

227386_s_at	-0.77401353	0.01450105	TMEM200B	transmembran	MGC102864	399474
214995_s_at	-0.12771025	-0.63166927	APOBEC3F	apolipoprotein	ARP8 BK150C	200316
229404_at	-0.17834031	-0.58084519	TWIST2	twist homolog	DERMO1 MG	117581
203320_at	-0.77994545	0.02205403	SH2B3	SH2B adaptor	LNK	10019
204344_s_at	-0.46790462	-0.28982874	SEC23A	Sec23 homolog	CLSD MGC26	10484
219805_at	-0.36919125	-0.38759255	CXorf56	chromosome	FLJ22965	63932
228355_s_at	-0.52034091	-0.23499305	NDUFAF2	NADH dehydr	B17.2L FLJ22	91942
1554510_s_at	0.15382566	-0.90889592	GHITM	growth hormo	DERP2 DKFZp	27069
221575_at	-0.66244342	-0.09251583	SCLY	selenocysteine	SCL	51540
224901_at	-0.67452861	-0.08017275	SCD5	stearoyl-CoA	(ACOD4 FADS	79966
224990_at	-0.05124569	-0.70297088	C4orf34	chromosome	FLJ13289	201895
1553449_at	0.06996708	-0.82363837	C16orf81	chromosome	FLJ36701	283860
232099_at	-0.70474261	-0.04831107	PCDHB16	protocadherin	KIAA1621 ME	57717
1553301_a_at	-0.75275617	0	TMEM182	transmembran	DKFZp779G17	130827
202930_s_at	-0.25795004	-0.49448647	SUCLA2	succinate-CoA	A-BETA SCS-b	8803
203268_s_at	-0.3310716	-0.42131753	DRG2	development	-	1819
233564_s_at	-0.0498752	-0.70111532	CDADC1	cytidine and d	MGC150615	81602
228427_at	0.1441921	-0.89442026	FBXO16	F-box protein	FBX16 MGC1	157574
215489_x_at	-0.1490954	-0.60048777	HOMER3	homer homolog	HOMER-3 VE	9454
204951_at	-0.10948681	-0.63925353	RHOH	ras homolog	gARHH TTF	399
220041_at	-0.33861688	-0.40996396	PIGZ	phosphatidyl	in FLJ12768 GPI	80235
217124_at	-0.37493873	-0.37279433	IQCE	IQ motif cont	1700028P05R	23288
204016_at	-0.65734385	-0.09027528	LARS2	leucyl-tRNA	sy KIAA0028 LEL	23395
202538_s_at	-0.34474285	-0.40257572	CHMP2B	chromatin mo	CHMP2.5 DKF	25978
213470_s_at	-0.11855796	-0.62871895	HNRNPH1	heterogeneous	DKFZp686A15	3187
219344_at	-0.48454872	-0.26269101	SLC29A3	solute carrier	ENT3 FLJ1116	55315
222276_at	-0.80630946	0.05992559	METTL2B	methyltransfe	FLJ11350 FLJ	55798
212830_at	-0.8378535	0.09363418	MEGF9	multiple EGF-	EGFL5	1955
204725_s_at	0.15833776	-0.90108834	NCK1	NCK adaptor	γ MGC12668 N	4690
48808_at	-0.35421612	-0.38725261	DHFR	dihydrofolate	-	1719
222262_s_at	0.19691089	-0.93832336	ETNK1	ethanolamine	EKI EKI1 Nbl	55500
214473_x_at	-0.33957872	-0.4015675	PMS2L3	postmeiotic	sc MGC126647	5387
244704_at	-0.72986175	-0.01055082	NFYB	nuclear transc	CBF-A CBF-B	4801
220162_s_at	-0.73960027	0	CARD9	caspase recrui	hCARD9	64170
218700_s_at	-0.19083566	-0.54790992	RAB7L1	RAB7, membe	DKFZp686P10	8934
228060_at	-0.13346247	-0.60519287	SLC35F1	solute carrier	C6orf169 FLJ	222553
200903_s_at	-0.32768544	-0.4107032	AHCY	adenosylhom	c SAHH	191
211704_s_at	-0.44934173	-0.28881415	SPIN2B	spindlin famil	y SPIN-2 SPIN2	474343
218360_at	-0.30533587	-0.43132189	RAB22A	RAB22A, mem	MGC16770	57403
225577_at	-0.30480237	-0.43082705	TRIM26	tripartite mot	AFP RNF95 Z	7726
228153_at	-0.3643827	-0.37106903	RNF144B	ring finger	prc IBRDC2 KIAA	255488
215388_s_at	-0.62065652	-0.11451633	CFHR1	complement f	CFHL CFHL1	3078
218440_at	-0.43070622	-0.3042133	MCCC1	methylcroton	DKFZp686B20	56922
234488_s_at	-0.39700059	-0.33774286	GMCL1L	germ cell-less	GCL GMCL2	64396
203997_at	-1.02379649	0.289521	PTPN3	protein tyrosi	DKFZp686N05	5774
218418_s_at	-0.61152393	-0.12242107	KANK2	KN motif and	ANKRD25 DKI	25959
201810_s_at	-0.66284709	-0.07086313	SH3BP5	SH3-domain	b SAB	9467
206402_s_at	-0.54653925	-0.18574994	NPFF	neuropeptide	FMRFAL	8620

220050_at	-0.46629143	-0.26556831	C9orf9	chromosome FLJ26879	11092
219976_at	-0.63264687	-0.09883651	HOOK1	hook homolog HK1 MGC106	51361
225325_at	-0.5536677	-0.17750541	MFSD6	major facilitat FLJ20160	54842
204407_at	-0.43166086	-0.29941926	TTF2	transcription tHuF2	8458
204936_at	-0.53796806	-0.19271636	MAP4K2	mitogen-activ BL44 GCK RA	5871
206117_at	-0.6874133	-0.04288494	TPM1	tropomyosin 1:C15orf13 CM	7168
225909_at	-0.60647725	-0.12339929	tcag7.1196	similar to GLI- FLJ12702 FLJ:	728743
209584_x_at	-0.40902651	-0.31960261	APOBEC3C	apolipoprotei APOBEC1L AF	27350
210092_at	-0.28082505	-0.44740922	MAGOH	magonashi h MAGOHA	4116
212486_s_at	-0.44643566	-0.28117714	FYN	FYN oncogene MGC45350 SI	2534
240106_at	-1.34572908	0.61848343	GNPTAB	N-acetylgluco: DKFZp762B22	79158
236088_at	-0.77653225	0.04942958	NTNG1	netrin G1 KIAA0976 Lm	22854
219861_at	-0.40834394	-0.31857511	DNAJC17	DnaJ (Hsp40) FLJ10634	55192
213888_s_at	0	-0.72620362	TRAF3IP3	TRAF3 interac DJ434O14.3 F	80342
222718_at	-0.71751134	-0.00848943	TMEM8A	transmembra M83 TMEM6	58986
216598_s_at	-0.44555468	-0.28040868	CCL2	chemokine (C-GDCF-2) HC11	6347
226106_at	-0.47104006	-0.25440623	RNF141	ring finger prc MGC8715 ZFI	50862
220160_s_at	-0.05879272	-0.66629452	KPTN	kaptin (actin t 2.00E+04	11133
238025_at	-0.58494184	-0.13998418	MLKL	mixed lineage FLJ34389	197259
205073_at	-0.71482056	-0.00779503	CYP2J2	cytochrome P CPJ2	1573
228002_at	-0.31565288	-0.40659702	IDI2	isopentenyl-d IPPI2	91734
206261_at	-0.45134889	-0.27008569	ZNF239	zinc finger prc HOK-2 MOK2	8187
229741_at	-0.29298398	-0.4282217	MAVS	mitochondrial CARDIF DKFZ	57506
226796_at	-0.26580561	-0.45481063	ABHD15	abhydrolase d-	116236
1552793_at	-0.67643044	-0.04288315	C8orf31	chromosome FLJ37131 MG	286122
203456_at	0.02051891	-0.73859585	PRAF2	PRA1 domain JM4	11230
204105_s_at	-0.81940885	0.10189102	NRCAM	neuronal cell :KIAA0343 MC	4897
218752_at	-0.04682504	-0.67049149	ZMAT5	zinc finger, m:-	55954
225803_at	0.26020496	-0.97678932	FBXO32	F-box protein FLJ32424 Fbx	114907
212097_at	-0.85095311	0.13442338	CAV1	caveolin 1, ca BSCL3 CAV C	857
221488_s_at	-0.35759852	-0.35818016	CUTA	cutA divalent ACHAP C6orf:	51596
224674_at	-0.48669309	-0.22889233	TTYH3	tweety homol KIAA1691	80727
226609_at	-1.05206284	0.33737384	DCBLD1	discoidin, CUB DKFZp686L21	285761
203655_at	-0.48765161	-0.22648353	XRCC1	X-ray repair cc RCC	7515
208711_s_at	-0.67885729	-0.03525282	CCND1	cyclin D1 BCL1 D11S28	595
201061_s_at	-0.80573499	0.09239837	STOM	stomatin BND7 EPB7 E	2040
231929_at	-0.46048236	-0.25217918	IKZF2	IKAROS family HELIOS MGC:	22807
238732_at	0	-0.71252525	COL24A1	collagen, type MGC142214	255631
203210_s_at	-0.33381085	-0.37841398	RFC5	replication fac MGC1155 RF	5985
1556348_at	-0.71376434	0.00175478	HEATR1	HEAT repeat c BAP28 FLJ10:	55127
207101_at	-0.29271682	-0.41888482	VAMP1	vesicle-associ: DKFZp686H12	6843
203198_at	-0.46441239	-0.246668	CDK9	cyclin-depend C-2k CDC2L4	1025
226058_at	-0.65791428	-0.05303172	B3GNT9	UDP-GlcNAc:t MGC4655	84752
207688_s_at	-0.44061533	-0.27009672	INHBC	inhibin, beta CIHBC	3626
217790_s_at	-0.43286568	-0.27776117	SSR3	signal sequen TRAPG	6747
214844_s_at	0.00691406	-0.71733942	DOK5	docking prote C20orf180 M	55816
222387_s_at	-0.22256755	-0.48767291	VPS35	vacuolar prote DKFZp434E12	55737
208885_at	-0.59612355	-0.11297732	LCP1	lymphocyte cy CP64 DKFZp7	3936

213002_at	-0.35655411	-0.35249704	MARCKS	myristoylated 80K-L FLJ143t	4082
227581_at	-0.56359345	-0.14477133	TECPR1	tectonin beta- DKFZP434B03	25851
201214_s_at	-0.27554255	-0.43256711	PPP1R7	protein phosphSDS22	5510
218703_at	-0.23030055	-0.47722553	SEC22A	SEC22 vesicle SEC22L2	26984
229614_at	-0.7763663	0.06990415	ZNF320	zinc finger prc DKFZp686G16	162967
218302_at	-0.21584249	-0.49006696	PSENE1	presenilin enh MDS033 MST	55851
213624_at	-0.16771465	-0.53805068	SMPDL3A	sphingomyelir ASM3A ASML	10924
238014_at	-0.22523506	-0.48035292	TMEM194B	transmembrai-	100131211
221189_s_at	-0.4688712	-0.23589216	TARS2	threonyl-tRNA FLJ12528 TAF	80222
1552611_a_at	-0.24511888	-0.45936727	JAK1	Janus kinase 1JAK1A JAK1B	3716
201988_s_at	-0.08386781	-0.62019794	CREBL2	cAMP respons MGC117311	1389
221873_at	-0.61819415	-0.08573831	ZNF143	zinc finger prc SBF STAF pH:	7702
242070_at	-0.47562695	-0.22830151	LOC728485	hypothetical f-	728485
215695_s_at	-0.65552745	-0.04840065	GYG2	glycogenin 2 GN-2 GN2	8908
228274_at	-0.70377378	0	SDSL	serine dehydr SDS-RS1	113675
213799_s_at	-0.20770027	-0.4958207	PTPRA	protein tyrosii HEPTP HLPR	5786
229402_at	-0.2755522	-0.42796483	SAMD13	sterile alpha n RP11-376N17	148418
218831_s_at	-0.00324662	-0.69993453	FCGRT	Fc fragment o FCRN alpha-c	2217
223214_s_at	-0.45681669	-0.24629343	ZHX1	zinc fingers an-	11244
205578_at	-0.7024854	0	ROR2	receptor tyros BDB BDB1 M	4920
214440_at	-0.39534552	-0.30705192	NAT1	N-acetyltransf AAC1 NATI	9
200954_at	-0.39266947	-0.30886065	ATP6V0C	ATPase, H+ tr: ATP6C ATP6L	527
213943_at	-0.41394901	-0.28712873	TWIST1	twist homolog ACS3 BPES2 l	7291
209361_s_at	-0.70730555	0.0063598	PCBP4	poly(rC) bindii LIP4 MCG10	57060
225100_at	-0.70204868	0.00115576	FBXO45	F-box protein Fbx45	200933
1553715_s_at	-0.192595	-0.50801652	FAM195A	family with se C16orf14 MG	84331
218907_s_at	-0.38772044	-0.31257263	LRRC61	leucine rich re FLJ22216 FLJ:	65999
200979_at	-0.91203689	0.21175272	PDHA1	pyruvate dehy PDHA PDHCE	5160
205809_s_at	-0.25601191	-0.44364915	WASL	Wiskott-Aldric DKFZp779G08	8976
217751_at	-0.09339062	-0.60626055	GSTK1	glutathione S- GST GST13 G	373156
201710_at	-0.66818539	-0.03068258	MYBL2	v-myb myelot B-MYB BMYB	4605
218584_at	-0.24767813	-0.45118484	TCTN1	tectonic famil FLJ21127 TEC	79600
230224_at	-0.6983001	0	ZCCHC18	zinc finger, CC Sizn2	644353
230033_at	-0.53103239	-0.16725726	C19orf51	chromosome FLJ36139 FLJ:	352909
217813_s_at	-0.33528062	-0.3630016	SPIN1	spindlin 1 SPIN	10927
227490_at	-0.75382536	0.05655725	WDFY2	WD repeat an PROF RP11-1.	115825
228922_at	-0.53800582	-0.15904172	SHF	Src homology MGC126650	90525
229909_at	-0.7517534	0.05595422	B4GALNT3	beta-1,4-N-ac FLJ16224 FLJ:	283358
230370_x_at	-0.22069583	-0.47502368	STYXL1	serine/threon DUSP24 MK-:	51657
205740_s_at	-0.42402663	-0.27101426	RBM42	RNA binding n MGC10433	79171
205304_s_at	-0.69451625	0	KCNJ8	potassium inv KIR6.1 uKATP	3764
205371_s_at	-0.24744159	-0.44706026	DBT	dihydrolipoan BCATE2 E2 E:	1629
228899_at	-0.52694905	-0.16731811	LOC10013288	hypothetical f-	100132884
204811_s_at	0.09124873	-0.78500188	CACNA2D2	calcium chanr CACNA2D KIA	9254
209917_s_at	0.07431839	-0.76774753	TP53TG1	TP53 target 1 NCRNA00096	11257
224885_s_at	-0.58163424	-0.11177041	KRTCAP2	keratinocyte e KCP2	200185
212983_at	-0.45179914	-0.24081735	HRAS	v-Ha-ras Harv C-BAS/HAS C-	3265
1558117_s_at	-0.16283747	-0.52962119	USP31	ubiquitin spec KIAA1203	57478

202744_at	-0.91710104	0.22487751	SLC20A2	solute carrier GLVR2 Glv-2	6575
231003_at	-0.58065	-0.11058536	SLC35B3	solute carrier C6orf196 CGI	51000
202712_s_at	-0.76425926	0.07312281	CKMT1B	creatine kinas CKMT CKMT1	1159
229014_at	-0.67948168	-0.01147605	FLJ42709	hypothetical L DKFZp686H18	441094
230121_at	-0.58705557	-0.10304582	C1orf133	chromosome -	574036
213079_at	-0.32483133	-0.36451559	TSR2	TSR2, 20S rRNDT1P1A10 M	90121
223616_at	-0.37182908	-0.31743271	ZNF649	zinc finger prc FLJ12644	65251
219978_s_at	0.17342702	-0.86215318	NUSAP1	nucleolar and ANKT BM037	51203
218812_s_at	-0.50447623	-0.18396841	ORAI2	ORAI calcium C7orf19 CBCI	80228
1552812_a_at	0.14789686	-0.83435793	SENP1	SUMO1/sentr SuPr-2	29843
218225_at	-0.09549339	-0.59093964	ECSIT	ECSIT homolo SITPEC	51295
202723_s_at	-0.72632342	0.04029465	FOXO1	forkhead box FKH1 FKHR F	2308
1553394_a_at	-0.31712569	-0.36822662	TFAP2B	transcription fAP-2B AP2-B	7021
201593_s_at	-0.2047015	-0.47990362	ZC3H15	zinc finger CC(HT010 LEREP	55854
217970_s_at	-0.53474835	-0.14933792	CNOT6	CCR4-NOT tra CCR4 KIAA11'	57472
209281_s_at	-0.47305133	-0.21035822	ATP2B1	ATPase, Ca++ PMCA1 PMC/	490
203186_s_at	-0.86112868	0.1778833	S100A4	S100 calcium 18A2 42A CA	6275
227103_s_at	0.33516977	-1.01793464	ECE2	endothelin co KIAA0604 MC	9718
215603_x_at	-0.6819969	0.00109641	GGTLC3	gamma-glutar GGT	728226
222666_s_at	-0.16130751	-0.51881794	RCL1	RNA terminal RNAC RPCL1	10171
242838_at	0.04691906	-0.72679739	MAP6D1	MAP6 domain FLJ12748 MA	79929
201526_at	-0.37183478	-0.30789951	ARF5	ADP-ribosylati-	381
217496_s_at	-0.4900268	-0.18955533	IDE	insulin-degrad FLJ35968 INS	3416
205523_at	0	-0.6793496	HAPLN1	hyaluronan ar CRTL1	1404
222844_s_at	-0.31741706	-0.36135397	SRR	serine racema ILV1 ISO1	63826
225562_at	-0.80001361	0.12155488	RASA3	RAS p21 prote GAP1P4BP G	22821
201629_s_at	-0.06458501	-0.61386337	ACP1	acid phosphat HAAP MGC11	52
1563321_s_at	0.49855356	-1.17694258	MLLT10	myeloid/lymp AF10 DKFZp6	8028
200918_s_at	-0.50400495	-0.17365755	SRPR	signal recogni DP MGC1735	6734
231959_at	-0.69740233	0.01979849	LIN52	lin-52 homolo C14orf46 c14	91750
224716_at	-0.26044941	-0.41676773	SLC35B2	solute carrier PAPST1 SLL U	347734
208907_s_at	-0.2490789	-0.42803683	MRPS18B	mitochondrial C6orf14 DKF2	28973
232067_at	-0.37982301	-0.29701157	C6orf168	chromosome FLJ30539 MG	84553
225633_at	-0.56463634	-0.11173855	DPY19L3	dpy-19-like 3 (DKFZp686J17:	147991
220668_s_at	-0.62588962	-0.05045599	DNMT3B	DNA (cytosine ICF M.HsallIB	1789
205081_at	-0.89162128	0.21554245	CRIP1	cysteine-rich r CRHP CRIP C	1396
205284_at	-0.72399197	0.04813455	URB2	URB2 ribosomr KIAA0133 MC	9816
220771_at	-0.54554735	-0.1302156	LOC51152	melanoma an -	51152
240912_x_at	-0.64724528	-0.02834413	TMEM84	transmembra FLJ33768 MG	283673
219343_at	-0.30665359	-0.36884045	CDC37L1	cell division cy CDC37B FLJ2(	55664
204030_s_at	0.09518457	-0.77039849	SCHIP1	schwannomin FLJ39160 SCH	29970
228564_at	0	-0.67289093	LOC375295	hypothetical r -	375295
237465_at	-0.67277694	0	USP53	ubiquitin spec DKFZp781E14	54532
238056_at	-0.35171263	-0.32038713	SDHC	succinate deh CYB560 CYBL	6391
236609_at	-0.67094394	0	LOC10012959	NA NA NA	
208840_s_at	-0.33596659	-0.33469436	G3BP2	GTPase activa -	9908
231807_at	-0.41949497	-0.25115536	KIAA1217	KIAA1217 DKFZp761L04	56243
217846_at	-0.23196169	-0.43803428	QARS	glutaminyl-tRI GLNRS PRO2:	5859

223652_at	-0.41305268	-0.25562043	AS3MT	arsenic (+3 ox	CYT19	57412
1568877_a_at	0.40010795	-1.06859175	ACBD5	acyl-Coenzym	DKFZp434A24	91452
209942_x_at	-0.66799413	0	MAGEA3	melanoma an	CT1.3 HIP8 H	4102
202388_at	-0.73509237	0.0672957	RGS2	regulator of G	G0S8	5997
203013_at	-0.44679467	-0.22031129	ECD	ecdysoneless	GCR2 HSGT1	11319
224462_s_at	0.0140318	-0.68112333	CHCHD6	coiled-coil-hel	MGC13016	84303
204090_at	-0.17810723	-0.48872544	STK19	serine/threon	D6S60 D6S60	8859
223530_at	-0.29579242	-0.37046818	TDRKH	tudor and KH	TDRD2	11022
44669_at	-0.17053174	-0.49445077	SDHAF1	succinate deh-		644096
212909_at	-1.05430859	0.38961148	LYPD1	LY6/PLAUR dc	FLJ41033 LYP	116372
1555702_a_at	0.03602322	-0.69949985	ST3GAL3	ST3 beta-galac	SIAT6 ST3GAL	6487
1557218_s_at	-0.70451798	0.04148856	FANCB	Fanconi anem	FA2 FAAP90	2187
222909_s_at	-0.38926289	-0.27317035	BAG4	BCL2-associat	BAG-4 SODD	9530
209003_at	-0.10510483	-0.5566834	SLC25A11	solute carrier	OGC SLC20A4	8402
202609_at	-0.43481052	-0.22649488	EPS8	epidermal gro-		2059
228257_at	-0.51331746	-0.14760825	ANKRD52	ankyrin repea	ANKRD33 FLJ	283373
200798_x_at	-0.39368097	-0.26673879	MCL1	myeloid cell le	BCL2L3 EAT I	4170
221269_s_at	-0.54653228	-0.1135108	SH3BGR13	SH3 domain b	SH3BP-1 TIP-I	83442
1555902_at	-0.01703067	-0.64295188	ARMCX5	armadillo repε	DKFZp686A22	64860
218763_at	-0.78559924	0.12597111	STX18	syntaxin 18	DKFZp686O15	53407
213970_at	-0.36532248	-0.29395429	RABL3	RAB, member	MGC23920	285282
220500_s_at	-0.43698228	-0.22189893	RABL2A	RAB, member	FLJ78724 MG	11159
235057_at	-0.44565363	-0.21277936	ITCH	itchy E3 ubiqu	AIF4 AIP4 NA	83737
1552736_a_at	-0.62389945	-0.03358126	NETO1	neuropilin (NF	BCTL1 BTCL1	81832
220590_at	-0.50421587	-0.15250631	ITFG2	integrin alpha	MDS028	55846
214965_at	-0.51025094	-0.14612312	SPATA2L	spermatogenε	C16orf76 MG	124044
226264_at	-1.18659029	0.5305426	SUSD1	sushi domain	RP11-4O1.1	64420
209666_s_at	-0.72815204	0.07254679	CHUK	conserved hel	IKBKA IKK-αlp	1147
202705_at	0.2578412	-0.91330273	CCNB2	cyclin B2	HsT17299	9133
209391_at	-0.36396415	-0.29131396	DPM2	dolichyl-phosφ	FLJ80013 MG	8818
219980_at	-1.07411737	0.41905173	C4orf29	chromosome	FLJ21106 MG	80167
206037_at	-0.19520573	-0.45972039	CCBL1	cysteine conj	FLJ95217 GTK	883
219268_at	-1.01552937	0.36064069	ETNK2	ethanolamine	EKI2 FLJ1076:	55224
235191_at	0.66499551	-1.31941471	LOC148189	hypothetical L-		148189
209460_at	-0.32454459	-0.3295519	ABAT	4-aminobutyrr	FLJ17813 GAI	18
218557_at	-0.08296953	-0.57108376	NIT2	nitrilase famil	MGC111199	56954
224963_at	-0.33289245	-0.31918491	SLC26A2	solute carrier	D5S1708 DTC	1836
203745_at	-0.60462912	-0.04720682	HCCS	holocytochror	CCHL DKFZp7	3052
205889_s_at	-1.08656418	0.43484323	JAKMIP2	janus kinase a	JAMIP2 KIAAC	9832
228217_s_at	-0.54328941	-0.10830144	PSMG4	proteasome (γ	C6orf86 PAC4	389362
211968_s_at	-0.29797138	-0.35353181	HSP90AA1	heat shock prε	FLJ31884 HSF	3320
232076_at	-1.00197166	0.35058439	ZNF707	zinc finger prc-		286075
219834_at	-0.13878165	-0.51249363	ALS2CR8	amyotrophic l	CARF DKFZp6	79800
202166_s_at	-0.1824837	-0.46861389	PPP1R2	protein phosp	IPP2 MGC871	5504
232596_at	0	-0.65108271	DIAPH3	diaphanous hc	DKFZp434C09	81624
203424_s_at	-0.06549719	-0.58544339	IGFBP5	insulin-like grε	IBP5	3488
222731_at	-0.41211886	-0.2386295	ZDHHC2	zinc finger, Dε	DHHC2 ZNF3:	51201
202052_s_at	-0.77623088	0.12576899	RAI14	retinoic acid ir	DKFZp564G01	26064

227860_at	-0.57494851	-0.07355411	CPXM1	carboxypeptic CPX1 CPXM	56265
214510_at	0.79533919	-1.44359453	GPR20	G protein-cou -	2843
221350_at	-0.35241677	-0.29583798	HOXC8	homeobox C8 HOX3 HOX3A	3224
238015_at	-0.40172843	-0.24649989	C4orf46	chromosome -	201725
235753_at	0	-0.64818446	HOXA7	homeobox A7 ANTP HOX1 I	3204
223665_at	-0.01315045	-0.63430914	ARPM1	actin related p MGC15664	84517
1552344_s_at	-0.23766667	-0.40972559	CNOT7	CCR4-NOT tra CAF1 hCAF-1	29883
228535_at	-0.62851881	-0.01863403	RAD1	RAD1 homolo HRAD1 REC1	5810
204300_at	-0.44858227	-0.19853314	PET112L	PET112-like (y HSPC199 PET	5188
202965_s_at	-0.64697283	0	CAPN6	calpain 6 CANPX CAPN:	827
228606_at	-0.27996267	-0.36699871	TM4SF19	transmembrai OCTM4	116211
244404_at	-0.4722676	-0.17400554	STXBP4	syntaxin bindi FLJ16496 MG	252983
225096_at	-0.17621531	-0.46981756	C17orf79	chromosome COPR5 FLJ21:	55352
223626_x_at	0.09648248	-0.74246582	IFI27L2	interferon, alç FAM14A ISG1	83982
222147_s_at	-0.53201266	-0.11353043	ACTR5	ARP5 actin-rel Arp5 FLJ1278	79913
1559970_at	-0.10350795	-0.54143241	LOC730034	NA NA NA	
223759_s_at	-0.07454668	-0.57012732	GSG2	germ cell asso HASPIN	83903
1554049_s_at	-0.14100115	-0.50290718	DCAF8	DDB1 and CUI DKFZp781G1C	50717
210790_s_at	0.20407535	-0.84785548	SAR1A	SAR1 homoloç SAR1 SARA1	56681
210212_x_at	-0.34299965	-0.30055425	MTCP1NB	mature T-cell C6.1B MGC2C	100272147
1555758_a_at	0.42730329	-1.06979982	CDKN3	cyclin-depend CDI1 CIP2 FL	1033
218665_at	-0.84352105	0.20132644	FZD4	frizzled homol CD344 EVR1	8322
236044_at	0	-0.6419056	PPAPDC1A	phosphatidic ç DPPL2 MGC1	196051
219709_x_at	-0.21367625	-0.42803249	FAM173A	family with se C16orf24 MG	65990
219937_at	-0.46487828	-0.17663693	TRHDE	thyrotropin-re FLJ22381 PAF	29953
1557137_at	-0.51242225	-0.12872682	TMEM17	transmembrai FLJ34583	200728
217757_at	-0.05074914	-0.58997341	A2M	alpha-2-macrc CPAMD5 DKF	2
218398_at	-0.13288982	-0.50767762	MRPS30	mitochondrial DKFZp566B20	10884
1554279_a_at	-1.05473128	0.41435279	TRMT2B	TRM2 tRNA m CXorf34 FLJ1:	79979
212453_at	-0.60100751	-0.03908995	KIAA1279	KIAA1279 DKFZp586B09	26128
203560_at	-0.1363097	-0.50300819	GGH	gamma-glutar GH	8836
202565_s_at	-0.43310904	-0.20581721	SVIL	supervillin DKFZp686A17	6840
203999_at	0	-0.63890383	SYT1	synaptotagmi DKFZp781D2C	6857
221641_s_at	-0.22591213	-0.41246837	ACOT9	acyl-CoA thioç ACATE2 CGI-1	23597
200897_s_at	-0.58751359	-0.05025136	PALLD	palladin, cytoç CGI-151 CGI1	23022
231257_at	-0.03620903	-0.59928789	TCERG1L	transcription ç MGC126584	256536
223629_at	-0.63283427	0	PCDHB5	protocadherir DKFZp586B02	26167
222672_at	0.004235	-0.63706279	LYRM4	LYR motif con C6orf149 CGI	57128
225018_at	-0.80117975	0.16846653	SPIRE1	spire homoloç MGC150621	56907
212167_s_at	-0.30055559	-0.33160422	SMARCB1	SWI/SNF relat BAF47 INI1 R	6598
241368_at	-0.80314011	0.17127114	PLIN5	perilipin 5 LSDA5 LSDP5	440503
40420_at	-0.50843754	-0.1234274	STK10	serine/threon LOK PRO272ç	6793
202273_at	-0.58901372	-0.04266792	PDGFRB	platelet-derivç CD140B JTK1:	5159
238557_at	-0.69534119	0.06370472	LOC10014460	hypothetical t -	100144603
223130_s_at	-0.05112913	-0.57969843	MYLIP	myosin regula IDOL MIR	29116
223615_at	-1.12019171	0.48949961	ABI3	ABI family, mç NESH SSH3BP	51225
226195_at	-0.23252813	-0.39705678	C14orf179	chromosome FLJ32173 MG	112752
203437_at	-0.13332414	-0.49597234	TMEM11	transmembrai C17orf35 PM	8834

1561114_a_at	0.37817812	-1.00710145	DEPDC4	DEP domain c DEP.4 FLJ335	120863
236533_at	-0.12960042	-0.49875088	ASAP1	ArfGAP with SAMAP1 CENT	50807
226358_at	-0.51054782	-0.11685916	APH1B	anterior phary APH-1B DKFZ	83464
217849_s_at	-0.39337638	-0.23363681	CDC42BPB	CDC42 binding KIAA1124 MF	9578
206018_at	-0.62620028	0	FOXG1	forkhead box BF1 BF2 FHK	2290
217965_s_at	-0.22123763	-0.40452984	SAP30BP	SAP30 binding DKFZp586L20	29115
219427_at	-0.58067371	-0.04456725	FAT4	FAT tumor sup CDHF14 FAT-	79633
200761_s_at	-0.38824885	-0.23639682	ARL6IP5	ADP-ribosylat DERP11 GTR/	10550
209278_s_at	-0.39743115	-0.22663589	TFPI2	tissue factor p FLJ21164 PP5	7980
1555573_at	-0.50086483	-0.12232708	C10orf93	chromosome RP13-137A17	255352
206544_x_at	-0.17936363	-0.44382102	SMARCA2	SWI/SNF relat BAF190 BRM	6595
220761_s_at	-0.66242045	0.03977391	TAOK3	TAO kinase 3 DKFZp666H24	51347
227875_at	-0.62765574	0.0053418	KLHL13	kelch-like 13 ( BKLHD2 FLJ10	90293
238250_at	-0.11200389	-0.50981521	LOC10013323	NA NA NA	
240388_at	-0.5130099	-0.10861724	KRT27	keratin 27 KRT25C	342574
217234_s_at	-0.31189147	-0.30906911	EZR	ezrin CVIL CVL DKF	7430
201900_s_at	-0.08165854	-0.53909943	AKR1A1	aldo-keto red ALDR1 ALR A	10327
204046_at	-0.62053384	0	PLCB2	phospholipase FLJ38135	5330
239161_at	-0.47676655	-0.14333562	FDX1	ferredoxin 1 ADX FDX LOF	2230
201896_s_at	0.38759034	-1.00747709	PSRC1	proline/serine DDA3 FP3214	84722
242919_at	-0.71053376	0.09073813	ZNF253	zinc finger prc BMZF-1 BMZI	56242
220840_s_at	-0.75385127	0.13431294	C1orf112	chromosome FLJ10706 FLJ:	55732
214749_s_at	-0.4616321	-0.15774866	ARMCX6	armadillo rep FLJ20811	54470
204173_at	-0.07982519	-0.53939159	MYL6B	myosin, light c MLC1SA	140465
211122_s_at	0	-0.61878212	CXCL11	chemokine (C-H174) I-TAC II	6373
236478_at	0.39854144	-1.01728421	IFNAR1	interferon (a AVP IFN-alpha:	3454
217907_at	-0.43913439	-0.17958522	MRPL18	mitochondrial HSPC071 L18	29074
226047_at	-0.14489952	-0.47355816	MRVI1	murine retrov IRAG JAW1L	10335
206020_at	-0.28537012	-0.33215306	SOCS6	suppressor of CIS4 HSPC060	9306
227326_at	-0.38273021	-0.2347714	MXRA7	matrix-remod FLJ41492 FLJ:	439921
208152_s_at	-0.58307306	-0.03438867	DDX21	DEAD (Asp-Glu DKFZp686F21	9188
226973_at	-0.78927603	0.17243659	VSTM2L	V-set and tran C20orf102 dJ	128434
215947_s_at	-0.6184931	0.00181427	OAZ1	ornithine dec AZI MGC1383	4946
213017_at	-0.5805498	-0.03577322	ABHD3	abhydrolase d LABH3 MGC1	171586
212828_at	-0.69610656	0.07987671	SYNJ2	synaptojanin  INPP5H KIAA0	8871
205164_at	0.01686826	-0.63292121	GCAT	glycine C-acet KBL MGC2301	23464
235457_at	0.1324694	-0.74824718	MAML2	mastermind-li DKFZp686N01	84441
221218_s_at	-0.20889712	-0.40624871	TPK1	thiamin pyrop HTPK1 PP20	27010
204986_s_at	-0.52143044	-0.09354171	TAOK2	TAO kinase 2 KIAA0881 MA	9344
238123_at	-0.61481975	0	GABRQ	gamma-aminc MGC129629	55879
225380_at	-0.41259641	-0.20194862	SGK493	protein kinase FLJ18197 MG	91461
223215_s_at	-0.19606194	-0.41792445	JKAMP	JNK1/MAPK8- C14orf100 CC	51528
220260_at	-0.46138281	-0.15219528	TBC1D19	TBC1 domain FLJ11082	55296
233072_at	-0.47397921	-0.13949011	NTNG2	netrin G2 KIAA0625 KIA	84628
221848_at	-0.38220985	-0.23105305	ZGPAT	zinc finger, CC GPATC6 GPA	84619
228027_at	-0.28857141	-0.32456621	GPRASP2	G protein-cou FLJ35662 FLJ:	114928
203729_at	-0.58814246	-0.02459879	EMP3	epithelial mer YMP	2014
238846_at	-0.69930917	0.08685291	TNFRSF11A	tumor necrosi CD265 FEO L	8792



203764_at	0.24311439	-0.85522102	DLGAP5	discs, large (D	DLG7 HURP I	9787
218844_at	0.12823063	-0.73983942	ACSF2	acyl-CoA synt	ACSMW AVY	80221
227980_at	0.05438641	-0.66564084	ZNF322A	zinc finger prc	FLJ23393 HCC	79692
227045_at	-0.62554434	0.01432004	ZNF614	zinc finger prc	FLJ21941 MG	80110
209441_at	-0.62261726	0.01148886	RHOBTB2	Rho-related B	DBC2 KIAA07	23221
235762_at	-0.83963208	0.22870896	PRR4	proline rich 4	DKFZp779L17	11272
209996_x_at	-0.01133486	-0.59926952	PCM1	pericentriolar	PTC4	5108
212106_at	0.00661285	-0.61696243	FAF2	Fas associate	ETEA KIAA08	23197
203941_at	-0.34263353	-0.26769262	INTS9	integrator con	CPSF2L FLJ10	55756
229566_at	-0.60359162	-0.00590743	LOC645638	similar to WD	-	645638
205416_s_at	-0.08864495	-0.52000147	ATXN3	ataxin 3	AT3 ATX3 JO	4287
231764_at	-0.466004	-0.14213402	CHRAC1	chromatin acc	CHARC1 CHAI	54108
1553645_at	0	-0.60802705	CCDC141	coiled-coil do	FLJ26337 FLJ	285025
204141_at	-0.6708816	0.0629615	TUBB2A	tubulin, beta	TUBB TUBB2	7280
228229_at	-0.41552742	-0.19233138	ZNF526	zinc finger prc	DKFZp762005	116115
212901_s_at	-0.3040202	-0.30381036	CSTF2T	cleavage stim	CstF-64T DKF	23283
227890_at	-0.5977762	-0.00978213	TMEM198	transmembra	FLJ41180 MG	130612
228378_at	-0.22126949	-0.38622775	C12orf29	chromosome	DKFZp313K04	91298
218481_at	-0.0852358	-0.52212518	EXOSC5	exosome com	MGC111224	56915
225598_at	-0.2916101	-0.31561141	SLC45A4	solute carrier	KIAA1126	57210
227286_at	-0.4493825	-0.15613085	INO80E	INO80 comple	CCDC95 FLJ0	283899
214149_s_at	-0.34796048	-0.2569431	ATP6VOE1	ATPase, H+ tr	ATP6H ATP6V	8992
222856_at	-0.60477668	0	APLN	apelin	XNPEP2	8862
218627_at	-0.33333535	-0.27122844	DRAM1	DNA-damage	DRAM FLJ112	55332
1559352_a_at	-0.57524982	-0.02908851	LOC92659	hypothetical L	-	92659
212113_at	-0.23019421	-0.37390678	LOC552889	hypothetical	FLJ32080 MG	552889
205554_s_at	-0.60388826	0	DNASE1L3	deoxyribonucl	DHP2 DNAS1	1776
206710_s_at	-0.93627285	0.33248715	EPB41L3	erythrocyte m	4.1B DAL-1 D	23136
229134_at	-0.58377234	-0.01834241	VANGL1	vang-like 1 (v	LPP2 MGC53	81839
227098_at	-0.50358017	-0.09778553	DUSP18	dual specificit	DSP18 DUSP2	150290
204195_s_at	-0.44132346	-0.16000349	PKNOX1	PBX/knotted	PREP1 pknox	5316
228856_at	-0.6011464	0	ZNF747	zinc finger prc	MGC2474	65988
206653_at	-0.71598665	0.1150757	POLR3G	polymerase (F	RPC32 RPC7	10622
229067_at	0.22632289	-0.82668941	SRGAP2P1	SLIT-ROBO Rh	MGC131678	653464
220798_x_at	-0.82629056	0.22677218	LPPR3	lipid phosphat	LPR3 PRG-2 I	79948
223197_s_at	-0.5096193	-0.08954563	SMARCAD1	SWI/SNF-relat	DKFZp762K20	56916
227882_at	-0.54531201	-0.05355324	FKRP	fukutin relate	FLJ12576 LGM	79147
242283_at	-0.5379846	-0.06057931	DNAH14	dynein, axone	C1orf67 DKF2	127602
225275_at	0.49675324	-1.09503335	EDIL3	EGF-like repe	DEL1 MGC26	10085
231769_at	0.1123395	-0.70937119	FBXO6	F-box protein	FBG2 FBS2 FI	26270
213877_x_at	-0.3671896	-0.22972808	TCEB2	transcription	epsilon ELOB SIII	6923
209785_s_at	-1.15021378	0.55389462	PLA2G4C	phospholipase	CPLA2-gamma	8605
221449_s_at	0.07268732	-0.66878759	ITFG1	integrin alpha	CDA08 TIP	81533
223106_at	-0.18891161	-0.40710546	TMEM14C	transmembra	C6orf53 HSPC	51522
221669_s_at	-0.49378681	-0.102188	ACAD8	acyl-Coenzym	ACAD-8 ARC4	27034
230082_at	-0.77254571	0.17659852	LOC10013366	hypothetical L	-	100133660
223552_at	-0.59587377	0	LRRC4	leucine rich re	MGC133342	64101
225030_at	0.09205589	-0.68780778	BOD1	biorientation	epsilon FAM44B	91272

217912_at	-0.7067185	0.11176004	DUS1L	dihydrouridin	DUS1 PP3111	64118
209623_at	-0.4468683	-0.14802097	MCCC2	methylcroton	MCCB	64087
218070_s_at	-0.28844726	-0.3057512	GMPPA	GDP-mannose-		29926
221765_at	-0.17537394	-0.4180235	UGCG	UDP-glucose c	GCS GLCT1	7357
226075_at	-0.97401238	0.38112668	SPSB1	splA/ryanodin	SSB-1 SSB1	80176
231967_at	-0.11359481	-0.47914346	PHF20L1	PHD finger prc	CGI-72 MGC6	51105
219526_at	-0.72638211	0.13412028	C14orf169	chromosome	FLJ21802 MA	79697
210445_at	-0.88311539	0.29100591	FABP6	fatty acid bin	I-15P I-BABP	2172
240027_at	-0.04499944	-0.54644578	LIN7A	lin-7 homolog	LIN-7A LIN7 I	8825
228003_at	-0.39623261	-0.19519095	RAB30	RAB30, memt-		27314
1552708_a_at	0.53480084	-1.12618581	DUSP19	dual specificit	DUSP17 LMM	142679
202139_at	0.24469771	-0.83568076	AKR7A2	aldo-keto red	AFAR AFAR1	8574
47550_at	-0.47415686	-0.11655347	LZTS1	leucine zipper	F37 FEZ1	11178
222531_s_at	-0.63962418	0.04949482	MUDENG	MU-2/AP1M2	C14orf108 FL	55745
218394_at	-0.59137626	0.00155831	ROGDI	rogdi homolo	FLJ22386	79641
229603_at	-0.17823515	-0.41145283	BBS12	Bardet-Biedl s	C4orf24 FLJ3	166379
225933_at	-0.7672846	0.17824229	CCDC137	coiled-coil dor	MGC16597	339230
224576_at	-0.46237848	-0.1266487	ERGIC1	endoplasmic r	ERGIC-32 ERC	57222
223360_at	-0.14162521	-0.44735423	C21orf56	chromosome	DKFZp434N06	84221
221135_s_at	-0.56316899	-0.02493451	ASTE1	asteroid homc	HT001 MGC1	28990
204441_s_at	-0.54020895	-0.04757268	POLA2	polymerase (L	FLJ21662 FLJ	23649
221908_at	-0.12649249	-0.46076008	RNFT2	ring finger prc	FLJ14627 TM	84900
223554_s_at	-0.06620194	-0.52098611	RANGRF	RAN guanine r	DKFZp686F02	29098
238696_at	-0.45911904	-0.12769827	HNRNPA1L2	heterogeneou	MGC102957	144983
202748_at	-1.05798032	0.4716555	GBP2	guanylate bin		2634
213893_x_at	-0.37293069	-0.21221718	PMS2L1	postmeiotic s	PMS2L13 PM	5379
217735_s_at	-0.84451591	0.25950116	EIF2AK1	eukaryotic tra	HCR HRI KIA	27102
212614_at	-0.78663482	0.20215543	ARID5B	AT rich intera	DESRT FLJ211	84159
203857_s_at	-0.08418798	-0.50020164	PDIA5	protein disulfi	FLJ30401 PDI	10954
213986_s_at	0.04199202	-0.62633055	C19orf6	chromosome	ASBABP1 MB	91304
218679_s_at	-0.1810062	-0.40312729	VPS28	vacuolar prote	MGC60323	51160
207400_at	0	-0.58388237	NPY5R	neuropeptide	NPYR5	4889
233803_s_at	-0.82237952	0.23855122	MYBBP1A	MYB binding	FLJ37886 P16	10514
201802_at	-0.14791615	-0.43509831	SLC29A1	solute carrier	ENT1 MGC14	2030
218816_at	-0.27397097	-0.30887639	LRRC1	leucine rich re	FLJ10775 FLJ	55227
203765_at	-0.4323979	-0.15043646	GCA	grancalcin, EF	GCL	25801
228226_s_at	-0.08547573	-0.49718436	ZNF775	zinc finger prc	MGC33584	285971
223254_s_at	0.05867388	-0.64129303	G2E3	G2/M-phase s	FLJ20333 KIA	55632
211028_s_at	-0.33400496	-0.24800897	KHK	ketohexokina		3795
213355_at	-0.50939414	-0.07216639	ST3GAL6	ST3 beta-gala	SIAT10 ST3G	10402
210907_s_at	-0.09783179	-0.48354232	PDCD10	programmed	CCM3 MGC1	11235
220122_at	-0.07081977	-0.51034482	MCTP1	multiple C2 dc	FLJ22344	79772
1555419_a_at	0.09555104	-0.67631201	ASAH1	N-acylsphingo	AC ASAH FLJ	427
220753_s_at	-0.2227825	-0.35761747	CRYL1	crystallin, lam	GDH MGC14	51084
218632_at	-0.78563792	0.20533639	HECTD3	HECT domain	FLJ21156 FLJ	79654
1555953_at	-0.58026462	0	SLC19A1	solute carrier	CHMD FOLT	6573
221600_s_at	0.08174808	-0.66159068	C11orf67	chromosome	CK067 FLJ210	28971
212525_s_at	0.2054238	-0.78526145	H2AFX	H2A histone fi	H2A.X H2A/X	3014

233827_s_at	-0.15337646	-0.42600193	SUPT16H	suppressor of CDC68 FACTP	11198
226238_at	-0.22087917	-0.35813353	MCEE	methylmalony GLOD2	84693
202576_s_at	-0.13470575	-0.44371013	DDX19B	DEAD (Asp-Glu)DBP5 DDX19	11269
230593_at	-0.21872005	-0.35916784	GRIK3	glutamate rec EAA5 GLR7 G	2899
221914_at	-0.66118602	0.0834621	SYN1	synapsin I SYN1a SYN1b	6853
204358_s_at	-0.47954929	-0.09815625	FLRT2	fibronectin lei KIAA0405	23768
209094_at	-0.75559081	0.17812065	DDAH1	dimethylargin DDAH FLJ212	23576
221190_s_at	-0.30063365	-0.27647298	C18orf8	chromosome FLJ23453 HsT	29919
215111_s_at	-0.26842311	-0.30826945	TSC22D1	TSC22 domain DKFZp686O19	8848
230814_at	-0.54554439	-0.03028626	LOC342918	similar to mCC-	342918
205061_s_at	-0.61300108	0.03717316	EXOSC9	exosome com PM/Scl-75 PM	5393
224836_at	-0.29509117	-0.27982996	TP53INP2	tumor protein C20orf110 Df	58476
227935_s_at	-0.46435092	-0.11017571	PCGF5	polycomb gro MGC16202 R	84333
203573_s_at	-0.1249014	-0.44946406	RABGGTA	Rab geranylge PTAR3	5875
1569183_a_at	-0.72731226	0.15305549	CHM	choroideremi; DXS540 FLJ3E	1121
207891_s_at	-0.36651373	-0.20751747	UCHL5IP HAU	HAUS augmin- HSXQ28ORF U	55559
242621_at	-0.19892562	-0.37486149	ZNF498	zinc finger prc ZSCAN25	221785
236917_at	-0.52820642	-0.04545865	LRRC34	leucine rich re FLJ27346 MG	151827
215623_x_at	-0.10739756	-0.4660206	SMC4	structural mai CAPC SMC4L:	10051
236214_at	-0.02530121	-0.54747538	FAM71F1	family with se FAM137A NY	84691
213528_at	-0.26567489	-0.30695538	C1orf156	chromosome AsTP2 MGC9(	92342
209734_at	-0.41190389	-0.16050065	NCKAP1L	NCK-associate HEM1	3071
206076_at	0.34112789	-0.91351616	LRRC23	leucine rich re LRPB7	10233
234994_at	-0.48099565	-0.09100873	TMEM200A	transmembrai KIAA1913 TTI	114801
202801_at	-0.55616437	-0.0158191	PRKACA	protein kinase MGC102831	5566
218888_s_at	-0.82521957	0.25326588	NETO2	neuropilin (NF FLJ10430 FLJ:	81831
211797_s_at	-0.12017049	-0.45090313	NFYC	nuclear transc CBF-C CBFC C	4802
1569057_s_at	-0.61955344	0.04893667	MIA3	melanoma int ARNT FLJ214(	375056
210405_x_at	0.38119554	-0.95173217	TNFRSF10B	tumor necrosi CD262 DR5 K	8795
1555358_a_at	0	-0.56926207	ENTPD4	ectonucleosid KIAA0392 LAI	9583
239187_at	0.04183901	-0.60914084	DCAF16	DDB1 and CUI C4orf30 FLJ2(	54876
238975_at	-0.204358	-0.36287363	MMAB	methylmaloni ATR MGC204	326625
204418_x_at	-0.10736281	-0.45931002	GSTM2	glutathione S- GST4 GSTM C	2946
223065_s_at	-0.17569065	-0.39096148	STARD3NL	STARD3 N-ter MENTHO MG	83930
214769_at	0	-0.56573269	CLCN4	chloride chan; CLC4 CLC-4 C	1183
201052_s_at	-0.27065316	-0.29460825	PSMF1	proteasome (j PI31	9491
206089_at	-0.55723016	-0.0080001	NELL1	NEL-like 1 (chi FLJ45906 IDH	4745
1552337_s_at	-0.55702043	-0.00806543	HOXD4	homeobox D4 HHO.C13 HO)	3233
205423_at	-0.31584842	-0.2491754	AP1B1	adaptor-relate ADTB1 AP10E	162
1553663_a_at	-0.59194724	0.02693468	NPB	neuropeptide PPL7 PPNPB	256933
222402_at	-0.20693775	-0.35798292	POMP	proteasome n C13orf12 HSF	51371
205053_at	0.05869585	-0.62353207	PRIM1	primase, DNA MGC12308 p-	5557
201457_x_at	-0.10917564	-0.4556116	BUB3	budding unin; BUB3L hBUB3:	9184
219294_at	-0.05729046	-0.50671477	CENPQ	centromere p C6orf139 CEN	55166
203452_at	-0.32413369	-0.23898921	B3GAT3	beta-1,3-gluc; GLCAT1	26229
213033_s_at	-0.29598558	-0.26642311	NFIB	nuclear factor HMGIC/NFIB	4781
209239_at	-0.17107064	-0.39090322	NFKB1	nuclear factor DKFZp686C01	4790
1553677_a_at	-0.19784288	-0.36404608	TIPRL	TIP41, TOR sig MGC3794 TIF	261726

202764_at	-0.25893704	-0.3027813	STIM1	stromal interaD11S4896 G	6786
218143_s_at	-0.09425359	-0.46600097	SCAMP2	secretory carr -	10066
223765_s_at	0.12370264	-0.68334595	KBTBD4	kelch repeat aBKLHD4 FLJ1(	55709
1564002_a_at	-0.07489765	-0.48384167	AKD1	adenylate kin:AKD2 C6orf1(	221264
239710_at	-0.4176842	-0.14092652	FIGN	fidgetin -	55137
201656_at	-0.70449998	0.14593944	ITGA6	integrin, alph:CD49f DKFZp(	3655
213061_s_at	-0.26229336	-0.2961988	NTAN1	N-terminal as DKFZp666E05	123803
228485_s_at	-0.09759633	-0.46061032	SLC44A1	solute carrier CD92 CDW92	23446
241698_at	0.12655721	-0.68426337	RFTN2	raftlin family rC2orf11 FLJ3(	130132
232269_x_at	-0.93252914	0.375001	METRNL	meteorin, glia C16orf23 MG	79006
225711_at	-0.19652691	-0.35907103	ARL6IP6	ADP-ribosylatiMGC33864 P	151188
218350_s_at	-0.36821835	-0.18722529	GMNN	geminin, DNA Gem RP3-36(	51053
205457_at	0.1217048	-0.67698873	C6orf106	chromosome FLJ22195 FLJ(	64771
209264_s_at	-0.37308101	-0.18152944	TSPAN4	tetraspanin 4 NAG-2 NAG2	7106
218969_at	-0.21785961	-0.3365954	Magmas	mitochondria-CGI-136	51025
211300_s_at	0.09422362	-0.64801953	TP53	tumor proteinFLJ92943 LFS	7157
203447_at	-0.42690657	-0.12661844	PSMD5	proteasome ( KIAA0072 MC	5711
231875_at	-0.49469473	-0.0586173	KIF21A	kinesin family CFEOM CFEO	55605
226054_at	-0.17958754	-0.37280313	BRD4	bromodomair CAP HUNK1 I	23476
205743_at	-0.00014642	-0.55206297	STAC	SH3 and cyste FLJ32331 STA	6769
204392_at	-0.18450086	-0.36757659	CAMK1	calcium/calmoCAMKI MGC1	8536
201211_s_at	-0.40773982	-0.1442466	DDX3X	DEAD (Asp-GliDBX DDX14 I	1654
1053_at	-0.47726141	-0.07442234	RFC2	replication facA1 MGC3665	5982
231780_at	-0.91413553	0.36305531	GBGT1	globoside alplA3GALNT FS	26301
205425_at	-0.557522	0.00699949	HIP1	huntingtin int:ILWEQ MGC1	3092
201511_at	-0.18617747	-0.36403951	AAMP	angio-associat -	14
226149_at	-0.36305122	-0.18693888	SNHG11	small nucleolaC20orf198 NC	128439
227578_at	-0.02208894	-0.5273514	LOC10012819	hypothetical r -	100128191
203069_at	-0.51583005	-0.03258591	SV2A	synaptic vesic KIAA0736 SV(	9900
229742_at	-0.02031153	-0.52728739	C15orf61	chromosome FLJ59587	145853
200862_at	-0.63520762	0.08778426	DHCR24	24-dehydroch KIAA0018 Nb	1718
203860_at	-0.30960368	-0.23751613	PCCA	propionyl Coe -	5095
203430_at	-0.48332401	-0.06340009	HEBP2	heme binding C6ORF34B C(	23593
218154_at	-0.38149116	-0.16515457	GSDMD	gasdermin D DF5L DFNA5L	79792
1552734_at	0.19456425	-0.74113965	RICTOR	RPTOR indepeDKFZp686B11	253260
228072_at	-0.55026982	0.00380952	SYT12	synaptotagmi SRG1 SYT11	91683
201700_at	-0.6174196	0.07162392	CCND3	cyclin D3 -	896
221041_s_at	0.35660851	-0.90223674	SLC17A5	solute carrier AST FLJ22227	26503
226096_at	-0.84321946	0.29775186	FNDC5	fibronectin ty FRCP2	252995
208042_at	-0.29559587	-0.24962332	AGGF1	angiogenic fac FLJ10283 GP(	55109
1558292_s_at	-0.59736346	0.05266704	PIGW	phosphatidylii FLJ37433 Gw(	284098
37547_at	-0.23084285	-0.31380064	BBS9	Bardet-Biedl s B1 C18 D1 N	27241
237737_at	-0.31380597	-0.23062609	LOC727770	similar to FLJ0 -	727770
224391_s_at	-0.33521787	-0.20913452	SIAE	sialic acid acetCSE-C CSEC L	54414
223728_at	-0.42095559	-0.12273558	CENPBD1	CENPB DNA-b FLJ23771 FLJ(	92806
1557621_at	-0.51034277	-0.03303509	KCP	kielin/chordin CRIM2 KCP1	375616
201666_at	-0.01642723	-0.52642871	TIMP1	TIMP metallo;CLGI EPA EPC	7076
218608_at	-0.87066464	0.32895918	ATP13A2	ATPase type 1 FLJ26510 HSA(	23400

219778_at	-0.54109308	0	ZFPM2	zinc finger prc	DIH3 FOG2 N	23414
241754_at	0.56624301	-1.10711412	SCAI	suppressor of	C9orf126 FLJ	286205
227626_at	-0.52834731	-0.01240567	PAQR8	progesterin and	C6orf33 FLJ3	85315
213088_s_at	-0.5653763	0.02464779	DNAJC9	DnaJ (Hsp40)	HDJC9 JDD1	23234
218014_at	-0.46854015	-0.07195579	NUP85	nucleoporin 8	FLJ12549 Nu	79902
207057_at	-0.57561782	0.03602297	SLC16A7	solute carrier	MCT2	9194
205393_s_at	-0.13118023	-0.40795102	CHEK1	CHK1 checkpc	CHK1	1111
208837_at	0.06223492	-0.60132573	TMED3	transmembrai	C15orf22 MG	23423
243924_at	-0.59697033	0.05794098	LOC10012798	hypothetical p-		100127980
213201_s_at	0.17496468	-0.713972	TNNT1	troponin T typ	ANM FLJ9814	7138
242939_at	-0.65303346	0.11452471	TFDP1	transcription f	DP1 DRTF1 C	7027
205656_at	-0.54737093	0.00893982	PCDH17	protocadherin	PCDH68 PCH	27253
204550_x_at	-0.05821978	-0.48019503	GSTM1	glutathione S-	GST1 GSTM1-	2944
238878_at	-0.33939208	-0.19854177	ARX	aristaless rela	ISSX MRX29	170302
225314_at	-0.07537548	-0.46235441	OCIAD2	OCIA domain	DKFZp686C03	132299
219613_s_at	-0.54863534	0.01172994	SIRT6	sirtuin (silent	SIR2L6	51548
1555446_s_at	-0.76508903	0.22821928	TRAPPC10	trafficking pro	EHOc-1 EHOc	7109
228011_at	-0.69548856	0.15920215	FAM92A1	family with se	FLJ38979	137392
221703_at	-0.54865836	0.01322054	BRIP1	BRCA1 interac	BACH1 FANCI	83990
233177_s_at	-0.38526221	-0.14845066	PNKD	paroxysmal ne	BRP17 DKFZp	25953
204086_at	0.04205888	-0.57574825	PRAME	preferentially	MAPE OIP4	23532
242138_at	-0.80107708	0.26793375	DLX1	distal-less hom		1745
206584_at	0.44062812	-0.97360995	LY96	lymphocyte a	MD-2 MD2	23643
218189_s_at	-0.26621619	-0.26664797	NANS	N-acetylneuram	SAS	54187
233078_at	-0.53283952	0	API5	apoptosis inhi	AAC-11 AAC1	8539
211024_s_at	-0.49248501	-0.03900743	NKX2-1	NK2 homeobox	BCH BHC NK-	7080
1555106_a_at	0.05743569	-0.58849225	CTDSPL2	CTD (carboxy-	FLJ10523 HSF	51496
223396_at	-0.12702434	-0.40339711	TMEM60	transmembrai	C7orf35 DC3	85025
223694_at	0.55938386	-1.08965325	TRIM7	tripartite mot	GNIP RNF90	81786
223092_at	-0.65885327	0.12866253	ANKH	ankylosis, pro	ANK CCAL2 C	56172
225196_s_at	-0.30207717	-0.22793576	MRPS26	mitochondrial	C20orf193 GI	64949
239730_at	-1.33998196	0.8101007	DGCR14	DiGeorge synd	DGCR13 DGS-	8220
225655_at	-0.94589277	0.41605866	UHRF1	ubiquitin-like	FLJ21925 ICB	29128
204835_at	-0.83930217	0.30954576	POLA1	polymerase (C	DKFZp686K16	5422
214720_x_at	0.13181724	-0.66088017	10-Sep	septin 10	FLJ11619	151011
201682_at	-0.1927189	-0.33612971	PMPCB	peptidase (mi	Beta-MPP MF	9512
202829_s_at	-0.353267	-0.17531567	VAMP7	vesicle-associ	SYBL1 TI-VAM	6845
228635_at	0.04321512	-0.57127878	PCDH10	protocadherin	DKFZp761O2C	57575
224723_x_at	-0.32683645	-0.20111589	LOC401397	hypothetical L	MGC104490	401397
238444_at	-0.84707064	0.32008576	ZNF618	zinc finger prc	FP13169	114991
222992_s_at	-0.15218554	-0.37413029	NDUFB9	NADH dehydr	B22 DKFZp56	4715
44065_at	-0.28300459	-0.24261114	C12orf52	chromosome	FLJ14827	84934
219491_at	-0.52258606	-0.00240647	LRFN4	leucine rich re	FIGLER6 MGC	78999
229983_at	-0.122768	-0.40213532	TIGD2	tigger transpo	DKFZp667D13	166815
203551_s_at	-0.44873817	-0.07594919	COX11	COX11 homol	COX11P	1353
204210_s_at	-0.38731632	-0.13733206	PCYT1A	phosphate cyt	CCTA CT CTA	5130
216497_at	-0.18707017	-0.33714635	LOC10012870	heterogeneou		100128701
228249_at	-0.19723003	-0.32653782	C11orf74	chromosome	FLJ38678	119710

221609_s_at	-0.49709991	-0.02582758	WNT6	wingless-type -	7475
208698_s_at	0.02700924	-0.54976143	NONO	non-POU dom NMT55 NRB5	4841
226127_at	-0.07447414	-0.44819831	ALKBH3	alkB, alkylatio ABH3 DEPC-1	221120
200800_s_at	-0.8503023	0.32804509	HSPA1A	heat shock 70 FLJ54303 FLJ!	3303
235354_s_at	-0.42754158	-0.0944048	RSRC1	arginine/serin BM-011 MGC	51319
230093_at	-0.40075726	-0.12098379	RSPH1	radial spoke h MGC126568	89765
213361_at	0	-0.52133436	TDRD7	tudor domain KIAA1529 PC	23424
210416_s_at	-0.15466821	-0.36653358	CHEK2	CHK2 checkpc CDS1 CHK2 F	11200
211792_s_at	-0.20507581	-0.31585268	CDKN2C	cyclin-depend INK4C p18 p:	1031
1560017_at	-0.2348794	-0.2858674	TMTC3	transmembrai DKFZp686C09	160418
1554767_s_at	0.28484728	-0.80521891	CRYZL1	crystallin, zeta 4P11 QOH-1	9946
221211_s_at	0.00465916	-0.52485502	C21orf7	chromosome HC21ORF7 TA	56911
206481_s_at	-0.46725871	-0.05240499	LDB2	LIM domain b CLIM1 LDB1	9079
209166_s_at	0.11243715	-0.63207417	MAN2B1	mannosidase, LAMAN MAN	4125
244546_at	-0.42754827	-0.09141402	CYCS	cytochrome c, CYC HCS THC	54205
236745_at	-1.02382282	0.50525937	CCDC78	coiled-coil dor C16orf25 FLJ:	124093
206617_s_at	0	-0.51820918	RENBP	renin binding RBP RNBP	5973
208931_s_at	-0.51096075	-0.00723374	ILF3	interleukin en CBTF DRBF D	3609
229115_at	-0.09026372	-0.42741313	DYNC1H1	dynein, cytopl DHC1 DHC1a	1778
235063_at	0.04191296	-0.55931252	C20orf196	chromosome FLJ25067 RP4	149840
231188_at	0.40627072	-0.92224472	ZSCAN2	zinc finger anc FLJ20595 ZFP	54993
203241_at	-0.17674989	-0.33875665	UVRAG	UV radiation r DHTX p63	7405
212946_at	-0.60399035	0.08851565	KIAA0564	KIAA0564 FLJ21779	23078
91703_at	-0.28729056	-0.22812252	EHBP1L1	EH domain bir DKFZp762C18	254102
217368_at	-0.08687581	-0.42850445	ATP5G2	ATP synthase, -	517
227816_at	-0.18012838	-0.33508596	NTN1	netrin 1 NTN1L	9423
39650_s_at	-0.08675856	-0.42830435	PCNXL2	pecanex-like 2 FLJ11383 KIA.	80003
205210_at	-0.2440625	-0.27085215	TGFBRAP1	transforming t TRAP-1 TRAP	9392
235537_at	0	-0.51457788	OCIAD1	OCIA domain Asrij FLJ2045!	54940
210016_at	-0.00129917	-0.51297461	MYT1L	myelin transcr NZF1	23040
203581_at	-0.25396184	-0.25998514	RAB4A	RAB4A, memt HRES-1/RAB4	5867
232053_x_at	0.10070745	-0.61447168	RHBDD2	rhomoid dor NPD007 RHBI	57414
209163_at	-0.53863717	0.02508696	CYB561	cytochrome b FRRS2	1534
227481_at	-0.30711125	-0.20618359	CNKSR3	CNKSR family FLJ31349 MA	154043
204867_at	-0.22044042	-0.29276334	GCHFR	GTP cyclohydr GFRP HsT169	2644
208336_s_at	-0.06970739	-0.44336406	TECR	trans-2,3-enol GPSN2 SC2 T	9524
228252_at	0.38785393	-0.90082225	PIF1	PIF1 5'-to-3' D C15orf20 PIF	80119
208744_x_at	-0.59832214	0.08555147	HSPH1	heat shock 10 DKFZp686M0!	10808
224642_at	-0.14128383	-0.37062318	FYTTD1	forty-two-thre DKFZp761B15	84248
218223_s_at	-0.70350897	0.19249799	PLEKH01	pleckstrin hon CKIP-1 OC12C	51177
202011_at	-0.5249631	0.01436516	TJP1	tight junction DKFZp686M0!	7082
206113_s_at	0.04340182	-0.55386427	RAB5A	RAB5A, memt RAB5	5868
201779_s_at	0.02693125	-0.53678514	RNF13	ring finger prc FLJ93817 MG	11342
220765_s_at	-0.60203305	0.09237182	LIMS2	LIM and senes FLJ10044 PIN	55679
220239_at	0.26280247	-0.7721529	KLHL7	kelch-like 7 (D KLHL6 RP42 :	55975
219745_at	-0.35157564	-0.15763434	TMEM180	transmembrai C10orf77 FLJ:	79847
223485_at	-0.43039331	-0.07813511	HAGHL	hydroxyacylg  MGC2605	84264
229943_at	-0.61311467	0.10522053	TRIM13	tripartite mot CAR DLEU5 L	10206

212044_s_at	0.29077308	-0.79806008	RPL27A	ribosomal pro	FLJ43464 MG	6157
227135_at	-0.54480965	0.03855763	NAAA	N-acylethanol	ASAHL PLT	27163
205051_s_at	-0.67754719	0.17144579	KIT	v-kit Hardy-Zu	C-Kit CD117	3815
220058_at	0.24673699	-0.75275512	C17orf39	chromosome	MGC3048	79018
218913_s_at	-0.2683845	-0.23756749	GMIP	GEM interacti	-	51291
201541_s_at	0.09220986	-0.59805483	ZNHIT1	zinc finger, HI	CG11 ZNFN4A	10467
214310_s_at	0.66776928	-1.17327232	ZFPL1	zinc finger prc	D11S750 MC	7542
210243_s_at	-0.20931271	-0.29586985	B4GALT3	UDP-Gal:beta	beta4Gal-T3	8703
217930_s_at	0.10423843	-0.6091739	TOLLIP	toll interactin	FLJ33531 IL-1	54472
200864_s_at	-0.41055923	-0.09425346	RAB11A	RAB11A, mem	MGC1490 YL	8766
225809_at	-0.44073762	-0.06370934	PARM1	prostate andr	Cipar1 DKFZP	25849
208097_s_at	-0.20089896	-0.30335267	TMX1	thioredoxin-re	DKFZp564E19	81542
203958_s_at	-0.10743229	-0.39641231	ZBTB40	zinc finger anc	KIAA0478 MC	9923
227814_at	-0.42112665	-0.08258783	WDR53	WD repeat do	MGC12928 M	348793
210043_at	-0.47459726	-0.02911514	FRMD8	FERM domain	FKSG44 FLJ32	83786
1553987_at	0.11727516	-0.62098353	C12orf47	chromosome	FLJ39616	51275
1552521_a_at	0	-0.50319678	TMEM74	transmembra	FLJ30668 NEI	157753
213811_x_at	-0.48399925	-0.01887005	TCF3	transcription f	E2A ITF1 MG	6929
223038_s_at	0.00588584	-0.50874796	FAM60A	family with se	C12orf14 L4	58516
228176_at	-0.49920743	-0.00203241	S1PR3	sphingosine-1	EDG-3 EDG3	1903
225323_at	-0.6212234	0.12040483	CC2D1B	coiled-coil anc	KIAA1836 RP	200014
212740_at	-0.48461341	-0.01587442	PIK3R4	phosphoinosit	MGC102700	30849
202226_s_at	-0.21387373	-0.28646639	CRK	v-crk sarcoma	CRKII	1398
223811_s_at	0.02327695	-0.52348931	C7orf20	chromosome	CEE CGI-20	51608
243916_x_at	-0.4159635	-0.08419901	UBLCP1	ubiquitin-like	CPUB1 FLJ25	134510
224002_s_at	-0.00920107	-0.49054682	FKBP7	FK506 binding	FKBP23 MGC	51661
219382_at	-0.43758486	-0.06213095	SERTAD3	SERTA domair	RBT1	29946
203474_at	-0.58160673	0.08211133	IQGAP2	IQ motif conta	-	10788
206243_at	-0.49927563	0	TIMP4	TIMP metallo	-	7079
224856_at	-0.66705802	0.16790722	FKBP5	FK506 binding	AIG6 FKBP51	2289
218445_at	-0.49814986	0.00022793	H2AFY2	H2A histone f	macroH2A2	55506
202262_x_at	-0.61652061	0.11871883	DDAH2	dimethylargin	DDAH DDAHI	23564
220685_at	-0.41664455	-0.0809844	FAM120C	family with se	CXorf17 FLJ2	54954
208075_s_at	-0.0624425	-0.43512324	CCL7	chemokine (C	FIC MARC M	6354
201364_s_at	0.2441313	-0.74157562	OAZ2	ornithine dec	AZ2	4947
36554_at	-0.16169385	-0.33528679	ASMTL	acetylseroton	ASMTLX ASM	8623
202852_s_at	-0.17215443	-0.32476519	AAGAB	alpha- and gar	DKFZp667D23	79719
203388_at	-0.48323298	-0.01280642	ARRB2	arrestin, beta	ARB2 ARR2 E	409
202896_s_at	-0.31211077	-0.18345675	SIRPA	signal-regulat	BIT CD172A I	140885
228233_at	-0.20047618	-0.29484357	FREM1	FRAS1 related	BNAR C9orf1	158326
206632_s_at	-0.23052219	-0.26372504	APOBEC3B	apolipoprotei	APOBEC1L AF	9582
228408_s_at	-0.44042635	-0.0537008	SDAD1	SDA1 domain	DKFZp686E22	55153
213847_at	0.13698403	-0.63034207	PRPH	peripherin	NEF4 PRPH1	5630
226534_at	-0.01486583	-0.47834514	KITLG	KIT ligand	DKFZp686F22	4254
226079_at	-0.34652425	-0.14627475	FLYWCH2	FLYWCH famil	-	114984
226289_at	-0.07137046	-0.42118641	CAPRIN1	cell cycle asso	GPIAP1 GPIP	4076
1559266_s_at	-0.34249322	-0.14996768	C10orf140	chromosome	DKFZp761J22	387640
1553993_s_at	-0.42269749	-0.06971085	MED25	mediator com	ACID1 ARC92	81857

203234_at	0	-0.49238086	UPP1	uridine phosp	UDRPASE UP	7378
214045_at	0.02456903	-0.51641081	LIAS	lipoic acid syn	HUSSY-01 LA	11019
226046_at	-0.2879706	-0.20377126	MAPK8	mitogen-activ	JNK JNK1 JNK	5599
209300_s_at	-0.25334472	-0.23715	NECAP1	NECAP endocy	DKFZP566B18	25977
201612_at	-0.2780786	-0.21212556	ALDH9A1	aldehyde dehy	ALDH4 ALDH	223
203579_s_at	-0.03564365	-0.4545149	SLC7A6	solute carrier	DKFZp686K15	9057
216521_s_at	-0.31789034	-0.17151738	BRCC3	BRCA1/BRCA2	BRCC36 C6.1	79184
225973_at	-0.05086382	-0.43848829	TAP2	transporter 2,	ABC18 ABC3	6891
237247_at	-0.39768473	-0.09139017	USP51	ubiquitin spec	-	158880
204023_at	-0.26895001	-0.21888629	RFC4	replication fac	A1 MGC2729	5984
227840_at	-0.20613562	-0.28165108	C2orf76	chromosome	AIM29 MGC1	130355
1558483_at	-0.17837287	-0.30917246	LRRC27	leucine rich re	-	80313
222158_s_at	-0.08845205	-0.39899301	PPPDE1	PPPDE peptid	C1orf121 CGI	51029
219306_at	-0.20129614	-0.28605185	KIF15	kinesin family	FLJ25667 HKL	56992
209292_at	-1.24636443	0.75995275	ID4	inhibitor of D	IDB4 bHLHb2	3400
228239_at	0.31416282	-0.80001581	FAM165B	family with se	C21orf51	54065
204681_s_at	0.00683896	-0.49195522	RAPGEF5	Rap guanine n	GFR KIAA027	9771
215116_s_at	-0.65930128	0.17443349	DNM1	dynamamin 1	DNM	1759
222154_s_at	-0.61367413	0.12893738	SPATS2L	spermatogene	DKFZp564A24	26010
205659_at	-0.59102797	0.10660059	HDAC9	histone deace	DKFZp779K10	9734
224364_s_at	-0.15446271	-0.32981977	PPIL3	peptidylprolyl	CYPJ	53938
212782_x_at	-0.32548436	-0.15869978	POLR2J	polymerase (F	MGC71910 P	5439
222307_at	-0.22546931	-0.25861572	LOC282997	hypothetical	γ-	282997
242702_at	0.14254764	-0.62649451	MMAA	methylmaloni	MGC120010	166785
213715_s_at	0.06875677	-0.55202361	KANK3	KN motif and	ANKRD47 FLJ	256949
209227_at	-0.19907685	-0.28390235	TUSC3	tumor suppre	D8S1992 M3	7991
226705_at	-0.47840896	-0.00451488	FGFR1	fibroblast gro	BFGFR CD331	2260
209700_x_at	0.03361492	-0.5161096	PDE4DIP	phosphodiester	CMYA2 DKFZ	9659
221229_s_at	-0.31916909	-0.16310662	TRMT61B	tRNA methylt	DKFZp564I21	55006
227015_at	0.0051217	-0.4872536	ASPHD2	aspartate bet	FLJ39838	57168
212083_at	-0.44238989	-0.03964607	TEX261	testis express	MGC32043 TI	113419
230172_at	-0.14711309	-0.33401926	IFI27L1	interferon, al	γ FAM14B ISG1	122509
204237_at	0	-0.48102203	GULP1	GULP, engulfn	CED-6 CED6	51454
218157_x_at	-0.37706988	-0.1038682	CDC42SE1	CDC42 small	ε SCIP1 SPEC1	56882
223016_x_at	-0.20935357	-0.27143789	ZRANB2	zinc finger, RA	DKFZp686J18	9406
1569648_at	0	-0.47987902	DACT2	dapper, antag	C6orf116 DAI	168002
203554_x_at	0.32905774	-0.80850982	PTTG1	pituitary tumc	EAP1 HPTTG	9232
204306_s_at	-0.43740273	-0.04121826	CD151	CD151 molecu	GP27 MER2	977
208758_at	-0.26714588	-0.21121894	ATIC	5-aminoimida	AICAR AICARI	471
223235_s_at	0	-0.4782552	SMOC2	SPARC related	MST117 MST	64094
209457_at	-0.48549482	0.00732861	DUSP5	dual specificit	DUSP HVH3	1847
219209_at	0.04485371	-0.52299674	IFIH1	interferon ind	Hlcd IDDM19	64135
1554646_at	-0.0591343	-0.41850166	OSBPL1A	oxysterol bind	FLJ10217 ORF	114876
203614_at	-0.02908344	-0.44850321	UTP14C	UTP14, U3 sm	2700066J21Ri	9724
209710_at	-0.53902681	0.06207713	GATA2	GATA binding	FLJ45948 MG	2624
213073_at	-0.65769026	0.18131521	ZFYVE26	zinc finger, FY	DKFZp686F19	23503
201115_at	-0.35641894	-0.11976978	POLD2	polymerase (L-	-	5425
1566303_s_at	-0.28399222	-0.19207816	PPP1R11	protein phosp	HCG-V HCGV	6992



227424_x_at	0.44713266	-0.92211975	C21orf119	chromosome MGC14136 P	84996
225389_at	-0.70454962	0.23016459	BTBD6	BTB (POZ) dor BDPL	90135
1553813_s_at	0.39513424	-0.86933333	TLE6	transducin-like FLJ14009 GR	79816
211064_at	-0.48452202	0.01055297	ZNF493	zinc finger prc FLJ36504	284443
218800_at	-0.37208414	-0.10182581	SRD5A3	steroid 5 alph FLJ13352 SRC	79644
222470_s_at	-0.01209185	-0.46132141	UQCC	ubiquinol-cytc BFZB C20orf4	55245
217995_at	0.14382084	-0.61664987	SQRDL	sulfide quinon CGI-44	58472
1568733_at	-0.20147849	-0.27054812	C10orf76	chromosome FLJ13114 MG	79591
203789_s_at	-0.12640104	-0.34554928	SEMA3C	sema domain, SEMAE SemE	10512
221943_x_at	0.13834659	-0.60837116	RPL38	ribosomal pro -	6169
213342_at	-0.64313855	0.17325789	YAP1	Yes-associatec YAP YAP2 YA	10413
204866_at	-0.0264994	-0.4427002	PHF16	PHD finger prc JADE3 KIAA0:	9767
1558856_at	-0.49278609	0.02374773	DMRTA2	DMRT-like fan -	63950
202710_at	-0.12595051	-0.34287035	BET1	blocked early DKFZp781C04	10282
205134_s_at	-0.07595091	-0.39265253	NUFIP1	nuclear fragile NUFIP bA540	26747
224580_at	-0.04920512	-0.41914141	SLC38A1	solute carrier ATA1 NAT2 S	81539
242961_x_at	-0.36858466	-0.09900254	DDX58	DEAD (Asp-Glu) DKFZp434J11:	23586
218025_s_at	-0.0338889	-0.43323739	PECI	peroxisomal C ACBD2 DRS1	10455
212224_at	-0.01249127	-0.4546287	ALDH1A1	aldehyde deh ALDC ALDH-E	216
223247_at	-0.0775444	-0.38936392	MED10	mediator com L6 MGC5309	84246
222126_at	-0.46689093	0	AGFG2	ArfGAP with F HRBL RABR	3268
1555241_at	-0.27104491	-0.19562029	C8orf59	chromosome -	401466
202784_s_at	-0.21875193	-0.24779337	NNT	nicotinamide MGC126502	23530
1559322_at	0.3070145	-0.77350825	LOC727916	hypothetical p -	727916
209414_at	-0.25723154	-0.20912379	FZR1	fizzy/cell divis CDC20C CDH:	51343
225863_s_at	-0.3628563	-0.10340401	C19orf12	chromosome DKFZp762D09	83636
202959_at	-0.22251104	-0.24358435	MUT	methylmalony MCM	4594
208784_s_at	-0.37824174	-0.08719267	KLHDC3	kelch domain PEAS RP1-20C	116138
227021_at	-0.36247944	-0.10275102	KDM1B	lysine (K)-spec AOF1 C6orf1:	221656
201287_s_at	-0.25465592	-0.21040427	SDC1	syndecan 1 CD138 SDC S	6382
217645_at	-0.78770004	0.32273818	COX16	COX16 cytoch C14orf112 HS	51241
201873_s_at	-0.53666043	0.07180783	ABCE1	ATP-binding c ABC38 OABP	6059
227646_at	-0.13091883	-0.33329787	EBF1	early B-cell fac COE1 EBF FL	1879
1554606_at	0	-0.46344238	CEP120	centrosomal p CCDC100 DKF	153241
224758_at	-0.50830703	0.04503714	PL-5283	PL-5283 prote protein	647087
202177_at	0	-0.46316331	GAS6	growth arrest AXLLG AXSF	2621
32042_at	-0.35884707	-0.10402281	ENOX2	ecto-NOX dis APK1 COVA1	10495
204408_at	-0.18689375	-0.27544481	APEX2	APEX nucleas APE2 APEXL2	27301
1559827_at	-0.42917603	-0.03313498	LOC401074	hypothetical L -	401074
204315_s_at	0.55386585	-1.0161637	GTSE1	G-2 and S-pha B99	51512
225687_at	0.51342849	-0.9753838	FAM83D	family with se C20orf129 CF	81610
244498_x_at	-0.67819662	0.21832334	LOC440302	NA NA NA	
208396_s_at	-0.45970578	0	PDE1A	phosphodiester HCAM1 HSPD	5136
222737_s_at	-0.35895626	-0.10047375	BRD7	bromodomair BP75 CELTIX1	29117
210074_at	0.01886942	-0.47812845	CTSL2	cathepsin L2 CATL2 CTSU	1515
1556429_a_at	-0.23261461	-0.22587648	WDR67	WD repeat do Gm85 MGC1:	93594
229289_at	0.05703158	-0.51493882	FAM71E1	family with se FLJ27522 FLJ:	112703
232341_x_at	-0.7355859	0.27798167	HABP4	hyaluronan bi IHABP4 Ki-1/:	22927

229785_at	-0.4490084	-0.00830032	KRIT1	KRIT1, ankyrin CAM CCM1	889
228247_at	-0.45918423	0.00236908	LOC283788	FSD region g FLJ16488 FLJ:	283788
235103_at	-0.74157154	0.28552506	MAN2A1	mannosidase, GOLIM7 MAN	4124
201439_at	0.02947451	-0.48547339	GBF1	golgi-specific  ARF1GEF FLJ2	8729
203183_s_at	-0.02857172	-0.42741185	SMARCD1	SWI/SNF relat BAF60A CRAC	6602
224368_s_at	-0.63379268	0.17793822	NDRG3	NDRG family r FLJ13556	57446
1557765_at	-0.23169238	-0.22410587	LOC643401	hypothetical f-	643401
229800_at	-0.27429956	-0.1800123	DCLK1	doublecortin-l-DCAMKL1 DC	9201
222587_s_at	-0.48623029	0.03201003	GALNT7	UDP-N-acetyl- GALNAC-T7 G	51809
228949_at	-0.33441896	-0.11931224	GPR177	G protein-cou C1orf139 EVI	79971
203256_at	-1.13680713	0.68309541	CDH3	cadherin 3, ty CDHP HJMD	1001
232050_at	-0.47673601	0.02315923	PDPK1	3-phosphoino MGC20087 M	5170
207425_s_at	-0.53963437	0.08687428	9-Sep	septin 9 AF17q25 FLJ7	10801
219878_s_at	-0.28448259	-0.16804214	KLF13	Kruppel-like f: BTEB3 FKLF2	51621
220372_at	-0.12992214	-0.32237637	DNAJC28	DnaJ (Hsp40) C21orf55 C21	54943
1558685_a_at	-0.06715175	-0.38514592	LOC158960	hypothetical f-	158960
244819_x_at	-0.45737459	0.0053315	PSPH	phosphoserin: PSP	5723
219493_at	-0.27376166	-0.17752506	SHCBP1	SHC SH2-dom FLJ22009 MG	79801
210993_s_at	-0.38260138	-0.06809435	SMAD1	SMAD family r BSP1 JV4-1 J	4086
201073_s_at	0.06273152	-0.51288484	SMARCC1	SWI/SNF relat BAF155 CRAC	6599
228365_at	0	-0.44982837	CPNE8	copine VIII MGC129645	144402
201412_at	-0.06590451	-0.38373336	LRP10	low density li: DKFZp564C19	26020
219471_at	0.1720421	-0.62157062	C13orf18	chromosome FLJ21562 FLJ:	80183
222586_s_at	-0.47072249	0.02130117	OSBPL11	oxysterol bind FLJ13012 FLJ:	114885
227402_s_at	-0.01499438	-0.432443	UTP23	UTP23, small : C8orf53 MGC	84294
225785_at	-0.39550493	-0.05117549	REEP3	receptor acce: C10orf74	221035
90265_at	-0.31404207	-0.13254987	ADAP1	ArfGAP with dCENTA1 GCS1	11033
211657_at	-0.39162195	-0.05437905	CEACAM6	carcinoembry CD66c CEAL	4680
201070_x_at	0.07799786	-0.52338452	SF3B1	splicing factor PRP10 PRPF1	23451
224794_s_at	-0.42971329	-0.01529	CERCAM	cerebral endo CEECAM1 GL:	51148
209759_s_at	0	-0.44407268	DCI	dodecenoyl-C -	1632
212556_at	-0.56561724	0.12176096	SCRIB	scribbled hom CRIB1 SCRB1	23513
203758_at	-0.37816538	-0.06567519	CTSO	cathepsin O CTSO1	1519
219189_at	-0.74218765	0.29854768	FBXL6	F-box and leu: FBL6 FBL6A F	26233
227418_at	-0.22763949	-0.21498097	KIAA1826	KIAA1826 -	84437
1558345_a_at	-0.20871418	-0.23219528	LOC439911	hypothetical g-	439911
201569_s_at	0.03878013	-0.47939682	SAMM50	sorting and as CGI-51 FLJ358	25813
1554524_a_at	-0.60487447	0.16453179	OLFM3	olfactomedin NOE3 NOELIN	118427
212658_at	-0.36888926	-0.071168	LHFPL2	lipoma HMGIC DKFZp781E03	10184
222775_s_at	-0.38713539	-0.05225008	MRPL35	mitochondrial L35mt MRP-L	51318
228293_at	-0.4614126	0.02215127	DEPDC7	DEP domain c TR2 dJ85M6.	91614
210240_s_at	0.30976867	-0.74891222	CDKN2D	cyclin-depend INK4D p19 p:	1032
1564053_a_at	-0.37721334	-0.06176145	YTHDF3	YTH domain f: FLJ31657	253943
219700_at	0.15464563	-0.59331186	PLXDC1	plexin domain DKFZp686F09	57125
230062_at	-1.00617824	0.56751763	RIMBP3	RIMS binding DKFZp434H07	85376
221484_at	-0.40333474	-0.03531021	B4GALT5	UDP-Gal:beta: B4Gal-T5 BET	9334
223057_s_at	-0.09012893	-0.34845472	XPO5	exportin 5 FLJ14239 FLJ:	57510
217755_at	-0.15194861	-0.28634137	HN1	hematological ARM2 HN1A	51155

219506_at	-0.0220136	-0.4162229	C1orf54	chromosome FLJ23221	79630
241353_s_at	-0.24622989	-0.19199118	LOC10012910	NA NA NA	
224513_s_at	-0.43870789	0.00097037	UBQLN4	ubiquilin 4 A1U C1orf6 C	56893
231517_at	0	-0.43766163	ZYG11A	zyg-11 homolog ZYG11	440590
229399_at	0.41704652	-0.8541524	C10orf118	chromosome FLJ10188 FLJ:	55088
206308_at	0.2028185	-0.63971873	TRDMT1	tRNA aspartic DMNT2 DNM	1787
1558046_x_at	-0.16127715	-0.27548125	LOC441528	hypothetical p FLJ40484	441528
202666_s_at	-0.17102444	-0.26570215	ACTL6A	actin-like 6A ACTL6 ARPN-	86
226736_at	0.11554985	-0.55222972	CHURC1	churchill domain C14orf52 FLJ:	91612
236217_at	-0.12460396	-0.312018	SLC31A1	solute carrier COPT1 CTR1	1317
201502_s_at	-0.25864578	-0.17786977	NFKBIA	nuclear factor IKBA MAD-3	4792
213946_s_at	-1.36219527	0.92675629	OBSL1	obscurin-like 3M2 KIAA065	23363
208748_s_at	0.2309077	-0.66563392	FLOT1	flotillin 1 -	10211
210045_at	-0.04559492	-0.38877867	IDH2	isocitrate dehydrogenase ICD-M IDH IC	3418
219274_at	-0.43393227	0	TSPAN12	tetraspanin 12 NET-2 TM4SF	23554
201850_at	0.02282184	-0.45639481	CAPG	capping protein AFCP MCP	822
210006_at	-0.34691964	-0.08621066	ABHD14A	abhydrolase domain DKFZp564O24	25864
57715_at	-0.20067511	-0.23187985	CALHM2	calcium homeostasis FAM26B	51063
224451_x_at	0.45475662	-0.88719878	ARHGAP9	Rho GTPase activator 10C FLJ16525	64333
1555735_a_at	-0.36311557	-0.06930524	BAP1	BRCA1 associated DKFZp686N04	8314
1554915_a_at	-0.32225529	-0.11012575	PDE12	phosphodiesterase 2'-PDE	201626
214695_at	-0.47433712	0.04197382	UBAP2L	ubiquitin associated FLJ42300 KIAA:	9898
213988_s_at	0.68759526	-1.11986179	SAT1	spermidine/spermatin DC21 KFSD K	6303
233644_at	-0.32382298	-0.1074321	KATNAL2	katanin p60 subunit DKFZp667C16	83473
221869_at	-0.645649	0.21454224	ZNF512B	zinc finger protein GM632 KIAA:	57473
227079_at	-0.29182447	-0.13891812	DHX8	DEAH (Asp-Glu) DDX8 HRH1 H	1659
208850_s_at	-0.06418599	-0.36602803	THY1	Thy-1 cell surface CD90 FLJ3332	7070
211952_at	-0.316982	-0.11299089	IPO5	importin 5 DKFZp686O15	3843
242282_at	-0.24758292	-0.1821756	ZFPM1	zinc finger protein FOG FOG1 ZF	161882
206090_s_at	-0.8239927	0.39426675	DISC1	disrupted in schizophrenia C1orf136 FLJ:	27185
1558896_at	-0.25430806	-0.1751652	C1orf69	chromosome FLJ12734 FLJ:	200205
45526_g_at	-0.28988236	-0.13937191	NAT15	N-acetyltransferase FLJ11693 FLJ:	79903
207006_s_at	-0.3713106	-0.05791452	CCDC106	coiled-coil domain HSU79303 ZN	29903
204944_at	-0.15829895	-0.27043281	PTPRG	protein tyrosine phosphatase HPTPG PTPG	5793
200622_x_at	0.47948648	-0.90808537	CALM3	calmodulin 3 (PHKD) PHKD3	808
225799_at	0.11605214	-0.54455428	LOC541471	hypothetical l -	541471
220945_x_at	-0.43896326	0.01064078	MANSC1	MANSC domain 9130403P13R	54682
228262_at	-0.04395834	-0.38389622	MAP7D2	MAP7 domain FLJ14503 MG	256714
203355_s_at	-0.2045776	-0.22301335	PSD3	pleckstrin and domain DKFZp761K14	23362
214046_at	0.00139212	-0.42867549	FUT9	fucosyltransferase Fuc-TIX	10690
225246_at	-0.63575127	0.20853749	STIM2	stromal interactor FLJ39527 KIAA:	57620
226218_at	0.04060377	-0.46774096	IL7R	interleukin 7 receptor CD127 CDW1	3575
221934_s_at	0.06231307	-0.48923161	DALRD3	DALR anticodon FLJ10496	55152
223478_at	0.09394806	-0.52083262	TIMM8B	translocase of DDP2 FLJ217:	26521
218829_s_at	-0.79258507	0.36588704	CHD7	chromodomain FLJ20357 FLJ:	55636
206656_s_at	-0.50403273	0.07745072	C20orf3	chromosome APMAP BSCv	57136
239282_at	-0.21879542	-0.20738845	CCDC41	coiled-coil domain MGC149726	51134
243594_x_at	0.01843974	-0.44448445	SPIRE2	spire homolog MGC117166	84501

217354_s_at	0.07839875	-0.50430077	HPS1	Hermansky-Pi HPS MGC527	3257
230591_at	-0.2562605	-0.16921943	LOC729887	hypothetical ꝑ-	729887
201790_s_at	-0.40900283	-0.01620959	DHCR7	7-dehydrocho SLOS	1717
207768_at	-0.43030108	0.00519619	EGR4	early growth r NGFI-C NGFIC	1961
238615_at	-0.94411433	0.51989125	ERLIN2	ER lipid raft as C8orf2 Erlin-2	11160
231932_at	0.06639141	-0.49027399	TRAF3IP3	TRAF3 interac DJ434O14.3 F	80342
228412_at	-0.17726428	-0.24652853	LOC643072	hypothetical L-	643072
221020_s_at	-0.35373219	-0.06976122	SLC25A32	solute carrier FLJ23872 MF	81034
225208_s_at	-0.02056459	-0.40137928	FAM103A1	family with se C15orf18 HsT	83640
227342_s_at	-0.76961781	0.34772466	MYEOV	myeloma over OCIM	26579
217272_s_at	0.01210192	-0.43393544	SERPINB13	serpin peptidꝑ HSHUR7SEQ I	5275
235572_at	-0.40736838	-0.01430734	SPC24	SPC24, NDC8C FLJ90806 SPB	147841
203550_s_at	-0.23601919	-0.18565577	FAM189B	family with se C1orf2 COTE1	10712
203836_s_at	-0.47698772	0.05535617	MAP3K5	mitogen-activ ASK1 MAPKKI	4217
228789_at	-0.29763801	-0.12350919	MTMR6	myotubularin -	9107
203203_s_at	-0.15564283	-0.26549946	KRR1	KRR1, small sꝑ HRB2 RIP-1	11103
205130_at	-0.55288477	0.13178677	RAGE	renal tumor a MOK RAGE1	5891
217544_at	-0.07139583	-0.34951962	LOC729806	similar to hCG-	729806
201923_at	0.03544723	-0.45625902	PRDX4	peroxiredoxin AOE37-2 PRX	10549
227120_at	-0.41486792	-0.00581782	FOXP4	forkhead box FLJ40908 FLJ4	116113
211503_s_at	-0.04747649	-0.37298314	RAB14	RAB14, memꝑ FBP RAB-14	51552
227975_at	-0.80284798	0.38239428	GPRIN1	G protein regꝑ GRIN1 KIAA18	114787
203242_s_at	-0.3514786	-0.06857878	PDLIM5	PDZ and LIM c ENH ENH1 L5	10611
208079_s_at	0.25527891	-0.6752177	AURKA	aurora kinase AIK ARK1 AU	6790
205937_at	-0.36673004	-0.0529336	CGREF1	cell growth re CGR11	10669
216242_x_at	-0.35253222	-0.06688505	POLR2J2	polymerase (FHRPB11B MG	246721
204836_at	-0.18630388	-0.23311251	GLDC	glycine dehyd GCE GCSP HY	2731
211137_s_at	0.04288645	-0.46204655	ATP2C1	ATPase, Ca++ ATP2C1A BCP	27032
201194_at	-0.14503101	-0.27390617	SEPW1	selenoprotein selW	6415
204497_at	-0.60655437	0.1876441	ADCY9	adenylate cyc AC9	115
213885_at	-0.73418192	0.31586554	TRIM3	tripartite mot BERP FLJ1613	10612
1554411_at	-0.05688138	-0.36107418	CTNNB1	catenin (cadherꝑ CTNNB DKFZꝑ	1499
230374_at	0.0540654	-0.47201363	PPP1R14B	protein phosph PHI-1 PLCB3N	26472
207781_s_at	0.09359932	-0.51125467	ZNF711	zinc finger prc CMPX1 ZNF4	7552
236852_at	-0.25252482	-0.16484112	FBXO43	F-box protein EMI2 ERP1 FI	286151
218153_at	-0.47846232	0.06122952	CARS2	cysteinyꝑ-tRNꝑ DKFZp667A23	79587
215043_s_at	-0.41071651	-0.00569757	SMA5	glucuronidase -	11042
201931_at	0.14111439	-0.55727835	ETFA	electron-trans EMA GA2 M/	2108
219487_at	0.08824481	-0.50397418	BBS10	Bardet-Biedl s C12orf58 FLJ:	79738
202446_s_at	-0.06656682	-0.34904462	PLSCR1	phospholipid ꝑ MMTRA1B	5359
217640_x_at	-0.0114049	-0.40410684	SKA1	spindle and ki C18orf24 MG	220134
238401_at	0	-0.41545301	FLJ35220	hypothetical ꝑ MGC74455	284131
202621_at	-0.10459646	-0.31039984	IRF3	interferon reg -	3661
221489_s_at	0	-0.41484498	SPRY4	sprouty homo -	81848
212882_at	-0.61903916	0.20432004	KLHL18	kelch-like 18 ( FLJ13703 FLJ6	23276
202183_s_at	-0.44329712	0.02877272	KIF22	kinesin family KID KNSL4 OI	3835
219785_s_at	0.18832807	-0.60275639	FBXO31	F-box protein DKFZp434B02	79791
220057_at	-0.44876829	0.03450142	XAGE1D	X antigen fam CT12.1d	9503

209124_at	-0.48007394	0.06610229	MYD88	myeloid differ MYD88D	4615
203433_at	-0.39420667	-0.0193413	MTHFS	5,10-metheny FLJ30410 HsT	10588
212343_at	-0.4410793	0.02777312	YIPF6	Yip1 domain f FinGER6 MGC	286451
209402_s_at	0.12925914	-0.54256034	SLC12A4	solute carrier FLJ17069 FLJ4	6560
227654_at	-0.16478962	-0.24839557	FAM65C	family with se C20orf175 FL	140876
218802_at	-0.07709713	-0.33595834	CCDC109B	coiled-coil dor FLJ20647	55013
204695_at	-0.74788798	0.33509339	CDC25A	cell division cy CDC25A2	993
225657_at	-0.05163617	-0.36016706	LOC152217	hypothetical L DKFZp762I14:	152217
200008_s_at	0.12706292	-0.5387441	GDI2	GDP dissociati FLJ16452 FLJ:	2665
219245_s_at	0.07093305	-0.48248462	OGFOD2	2-oxoglutarat DKFZp686H15	79676
1554721_a_at	-0.24156493	-0.16919014	TAF2	TAF2 RNA pol CIF150 TAF2E	6873
1560981_a_at	-0.35449412	-0.05603436	PPARA	peroxisome pi MGC2237 MGC	5465
208047_s_at	-0.5135157	0.10316536	NAB1	NGFI-A bindin -	4664
227410_at	-0.30336017	-0.10694009	FAM43A	family with se FLJ90022	131583
217777_s_at	-0.14596209	-0.26372468	PTPLAD1	protein tyrosii B-IND1 FLJ90:	51495
222558_at	0.11324095	-0.52292619	RPRD1A	regulation of r FLJ10656 HsT	55197
226597_at	0.09797778	-0.50745141	REEP6	receptor acce: C19orf32 DP1	92840
238542_at	-0.53662965	0.12762354	ULBP2	UL16 binding N2DL2 RAET1	80328
240365_at	-0.03085818	-0.37750848	LOC647946	hypothetical r FLJ33284	647946
222939_s_at	-0.53889998	0.13088303	SLC16A10	solute carrier PRO0813 TAT	117247
204229_at	0.31715785	-0.72454384	SLC17A7	solute carrier BNPI VGLUT1	57030
235742_at	-0.82626179	0.41907232	RHOC	ras homolog g ARH9 ARHC H	389
218212_s_at	-0.49744015	0.09067203	MOC52	molybdenum MCBPE MOC5	4338
233955_x_at	-0.85526557	0.44881987	CXXC5	CXXC finger 5 CF5 HSPC195	51523
217809_at	-0.31202956	-0.09195829	BZW2	basic leucine r HSPC028 MS	28969
203829_at	-0.13638314	-0.26733937	ELP4	elongation pro C11orf19 FLJ:	26610
201996_s_at	-0.90281543	0.49909952	SPEN	spen homolog KIAA0929 MI	23013
220295_x_at	0.50087575	-0.90443604	DEPDC1	DEP domain c DEP.8 DEPDC	55635
221210_s_at	-0.28974849	-0.11370052	NPL	N-acetylneura C1orf13 DHD	80896
38157_at	-0.0403357	-0.36147854	DOM3Z	dom-3 homolo DOM3L NG6	1797
219787_s_at	0.10868592	-0.50942191	ECT2	epithelial cell FLJ10461 MG	1894
236265_at	-0.17256029	-0.2276125	SP4	Sp4 transcript HF1B MGC13	6671
203099_s_at	0.10663454	-0.50659117	CDYL	chromodomai CDYL1 DKFZp	9425
210517_s_at	0	-0.39909791	AKAP12	A kinase (PRK AKAP250 DKF	9590
217948_at	0.02921895	-0.42799351	FAM127B	family with se CXX1b DKFZp	26071
204308_s_at	-0.26704446	-0.13108721	TECPR2	tectonin beta- KIAA0297 KIA	9895
208511_at	0.33874186	-0.73684281	PTTG3P	pituitary tumc PTTG3 rcPTT	26255
203566_s_at	-0.26367035	-0.1344029	AGL	amylo-1, 6-glu GDE	178
217867_x_at	-0.30962766	-0.08843126	BACE2	beta-site APP- AEPLC ALP56	25825
210829_s_at	0.20030251	-0.59747551	SSBP2	single-strande DKFZp686F03	23635
226650_at	-0.33984457	-0.05675784	ZFAND2A	zinc finger, AN AIRAP	90637
209499_x_at	-0.22946563	-0.16699634	TNFSF13	tumor necrosi APRIL CD256	8741
1554102_a_at	-0.40366466	0.00732402	TMTC4	transmembrai FLJ14624 FLJ:	84899
213654_at	-0.29678807	-0.09952583	TAF5L	TAF5-like RNA PAF65B	27097
209522_s_at	-0.11284484	-0.28307804	CRAT	carnitine acet CAT1	1384
213235_at	0.12520799	-0.52106419	C16orf88	chromosome 101F10.1 FAN	400506
223294_at	0.21831989	-0.61413024	CXorf26	chromosome MGC874	51260
212218_s_at	-0.42722218	0.03152923	FASN	fatty acid synt FAS MGC143:	2194

213116_at	-0.34899759	-0.04664606	NEK3	NIMA (never i HSPK36 MGC	4752
227727_at	0	-0.39535774	MRGPRF	MAS-related C DKFZp586B21	116535
200868_s_at	0.41716297	-0.81054842	RNF114	ring finger prc ZNF313	55905
214433_s_at	-0.12810425	-0.26525346	SELENBP1	selenium bind FLJ13813 LPS	8991
225930_at	-0.1041636	-0.28887944	NKIRAS1	NFKB inhibitor KBRAS1 kapp	28512
229963_at	-0.00135905	-0.39134578	BEX5	brain expressε MGC104434	340542
230079_at	-0.00366776	-0.38876667	ST7L	suppression o FAM4B FLJ11	54879
235061_at	-0.21496027	-0.17746958	PPM1K	protein phosph DKFZp667B08	152926
202674_s_at	-0.50549061	0.11335214	LMO7	LIM domain 7 FBX20 FBXO2	4008
218273_s_at	-0.39192041	0	PDP1	pyruvate dehy FLJ32517 FLJ!	54704
225452_at	-0.12616901	-0.26555333	MED1	mediator com CRSP1 CRSP2	5469
201525_at	0.09171753	-0.48327545	APOD	apolipoproteii -	347
223722_at	0.31635697	-0.70767066	DNAJC12	DnaJ (Hsp40) JDP1	56521
229054_at	-0.83501904	0.44370573	C14orf181	chromosome FLJ39779	400223
229116_at	-0.39087631	0	CNKSR2	connector ent CNK2 KIAA09	22866
234944_s_at	-0.20198458	-0.18789372	FAM54A	family with se DUFD1	113115
52164_at	-0.16380292	-0.22601353	C11orf24	chromosome DM4E3	53838
203642_s_at	-0.11459561	-0.27432253	COBL1	COBL-like 1 COBLR1 KIAA	22837
209497_s_at	-0.30005074	-0.08870107	RBM4B	RNA binding n MGC10871 R	83759
205407_at	0.06872221	-0.45746187	RECK	reversion-indt ST15 hRECK	8434
224497_x_at	0.16272697	-0.55140236	HSD17B14	hydroxysteroid DHRS10 SDR4	51171
223393_s_at	-0.28722157	-0.10123301	TSHZ3	teashirt zinc fi FLJ54422 KIA.	57616
212745_s_at	0.43440292	-0.82256523	BBS4	Bardet-Biedl s -	585
222231_s_at	-0.34319989	-0.04448752	LRRC59	leucine rich re FLJ21675 PRC	55379
219569_s_at	-0.28448939	-0.10315634	TMEM22	transmembrai DKFZp564K24	80723
228765_at	-0.42357927	0.03646824	GTF2IRD2	GTF2I repeat C FLJ21423 FLJ:	84163
215259_s_at	-0.3224931	-0.06300536	CADM4	cell adhesion i IGSF4C NECL4	199731
209806_at	0.00933373	-0.3945455	HIST1H2BK	histone cluste H2B/S H2BFA	85236
209620_s_at	0.08110756	-0.46615431	ABC7	ATP-binding c ABC7 ASAT A	22
229865_at	-0.50727624	0.12228783	FNDC3B	fibronectin tyi DKFZp686D14	64778
205787_x_at	-0.03952379	-0.34508428	ZC3H11A	zinc finger CC DKFZp686D03	9877
218809_at	-0.10599483	-0.27823404	PANK2	pantothenate C20orf48 FLJ:	80025
202307_s_at	-0.15022061	-0.23380564	TAP1	transporter 1, ABC17 ABCB2	6890
205298_s_at	0.04541783	-0.42904216	BTN2A2	butyrophilin, ε BT2.2 BTF2 F	10385
202201_at	0.11441345	-0.49778451	BLVRB	biliverdin redt BVRB FLR MC	645
242915_at	-0.27670123	-0.10653888	ZNF682	zinc finger prc BC39498_3 F	91120
211578_s_at	-0.13425444	-0.24890357	RPS6KB1	ribosomal pro PS6K S6K S6!	6198
225807_at	-0.5818736	0.19874358	JUB	jub, ajuba hor Ajuba MGC15	84962
203510_at	-0.6562017	0.27309493	MET	met proto-onc AUTS9 HGFR	4233
205002_at	-0.27112212	-0.11161687	AHDC1	AT hook, DNA CL23945 DJ1!	27245
205738_s_at	-0.56429241	0.18222151	FABP3	fatty acid binc FABP11 H-FAI	2170
204844_at	-0.1545546	-0.22619428	ENPEP	glutamyl amin APA CD249 g	2028
218685_s_at	0.03441346	-0.41460289	SMUG1	single-strand-: FDG HMUDG	23583
215136_s_at	-0.06229336	-0.31773733	EXOSC8	exosome com CIP3 EAP2 OI	11340
230288_at	-0.42672784	0.04693319	FGF14	fibroblast grov FHF4 MGC11!	2259
216910_at	-0.35832789	-0.0213087	XPNPEP2	X-prolyl aminc -	7512
1552794_a_at	-0.09463363	-0.28457057	ZNF547	zinc finger prc FLJ31100	284306
209344_at	-0.44040476	0.06151833	TPM4	tropomyosin 4 -	7171

225028_at	-0.38744992	0.00861634	LOC550643	hypothetical L -	550643
226947_at	-0.69777029	0.31968075	GUSBL2	glucuronidase C6orf216 DKF	375513
208926_at	0.52936174	-0.9074409	NEU1	sialidase 1 (lys FLJ93471 NAI	4758
233557_s_at	-0.12405109	-0.25326133	MON1B	MON1 homolog HSRG1 SAND	22879
1565406_a_at	-0.04016587	-0.33652986	LHX9	LIM homeobo -	56956
214600_at	-0.0673432	-0.30896394	TEAD1	TEA domain f:AA REF1 TCF	7003
203588_s_at	0.16179048	-0.53730165	TFDP2	transcription fDP2 Dp-2	7029
203557_s_at	-0.07323073	-0.30179068	PCBD1	pterin-4 alpha DCOH PCBD	5092
202412_s_at	-0.08444932	-0.2904216	USP1	ubiquitin spec UBP	7398
228307_at	-1.0289496	0.65467459	EMILIN3	elastin microf C20orf130 Df	90187
221790_s_at	-0.47747777	0.103528	LDLRAP1	low density lip ARH ARH1 Al	26119
224693_at	0.15293035	-0.52658298	C20orf108	chromosome 5A3 DKFZp43	116151
1570552_at	0	-0.37340694	C18orf50	chromosome LSCCR-1	619463
226707_at	-0.27302608	-0.10009545	NAPRT1	nicotinate ph:PP3856	93100
226771_at	-0.37124235	-0.00184342	ATP8B2	ATPase, class ATPID DKFZp	57198
221783_at	-0.57032067	0.19751392	WIZ	widely intersp ZNF803	58525
214828_s_at	-0.68731844	0.31461966	RRP7B	ribosomal RN/dJ222E13.2	91695
210284_s_at	0.23719051	-0.60884972	MAP3K7IP2	mitogen-activ FLJ21885 KIA	23118
226492_at	-1.12748264	0.75614171	SEMA6D	sema domain, FLJ11598 KIA	80031
234985_at	-0.52603839	0.15525746	LDLRAD3	low density lip -	143458
203085_s_at	-0.54456912	0.17382309	TGFB1	transforming f:CED DPD1 LA	7040
232063_x_at	-0.40770276	0.03717646	FARSB	phenylalanyl-t FARSLB FRSB	10056
227731_at	-0.25143418	-0.11875288	CNBP	CCHC-type zin CNBP1 DM2	7555
201243_s_at	-0.42473259	0.05494889	ATP1B1	ATPase, Na+/I ATP1B MGC1	481
212954_at	0.09631763	-0.46537914	DYRK4	dual-specificit -	8798
219070_s_at	-0.21991492	-0.148799	MOSPD3	motile sperm CDS3 NET30	64598
215450_at	-0.14551544	-0.22304208	SNRPE	small nuclear B-raf SME Sn	6635
219628_at	-0.30716984	-0.06132807	ZMAT3	zinc finger, m: FLJ12296 MG	64393
229459_at	-0.63624871	0.26808083	FAM19A5	family with se QLLK5208 TA	25817
210596_at	-0.14145982	-0.22555455	MAGT1	magnesium tr DKFZp564K14	84061
237719_x_at	-0.63379896	0.26800192	RGS7BP	regulator of G R7BP	401190
204256_at	0.01406019	-0.37945384	ELOVL6	ELOVL family f:FACE FAE FLJ	79071
226099_at	-0.07430906	-0.29078953	ELL2	elongation fac -	22936
243048_at	-0.36498255	0	CECR7	cat eye syndrc FLJ40726 SAF	100130418
210123_s_at	-0.36098331	-0.00360098	CHRNA7	cholinergic rec CHRNA7-2 Nf	1139
1560916_a_at	-0.4043046	0.03999493	DPY19L1	dpy-19-like 1 (KIAA0877	23333
222406_s_at	0.01115481	-0.37529288	PNRC2	proline-rich n: FLJ20312 MG	55629
230706_s_at	-0.05873582	-0.30514909	CAMK2N2	calcium/calmc CAM-KIIN CAI	94032
226582_at	-0.17246789	-0.1914037	LOC400043	hypothetical L -	400043
239118_at	-0.36330741	0	KCNA2	potassium vol HBK5 HK4 HL	3737
206915_at	-0.35464394	-0.00838934	NKX2-2	NK2 homeobc NKX2.2 NKX2	4821
225133_at	-0.55501099	0.19208317	KLF3	Kruppel-like f: BKLF MGC48:	51274
209270_at	0.81297408	-1.17521769	LAMB3	laminin, beta f:BM600-125KI	3914
226011_at	-0.20035026	-0.16170897	CCDC12	coiled-coil dor FLJ39430 FLJ	151903
221730_at	-0.21882906	-0.14272161	COL5A2	collagen, type MGC105115	1290
223495_at	-0.24322895	-0.11821292	CCDC8	coiled-coil dor DKFZp564K03	83987
226924_at	-0.25173037	-0.10943911	LOC400657	hypothetical L FLJ10991	400657
225589_at	-0.09884376	-0.26184811	SH3RF1	SH3 domain c: FLJ21602 KIA	57630

227163_at	0.417632	-0.77778466	GSTO2	glutathione S-	bA127L20.1	119391
227279_at	-0.0860129	-0.27406187	TCEAL3	transcription €	MGC15737	85012
204244_s_at	-0.03737319	-0.32254307	DBF4	DBF4 homolog	ASK CHIF DBI	10926
219650_at	-0.23269245	-0.12626533	ERCC6L	excision repair	FLJ20105 MG	54821
204684_at	-0.19010235	-0.16871364	NPTX1	neuronal pent	DKFZp686J24	4884
232021_at	-0.39083068	0.03213584	GLT8D3	glycosyltransf	FLJ43151	283464
213152_s_at	0.16645208	-0.5247392	SFRS2B	splicing factor	SRP46	10929
235606_at	0.01064781	-0.36872298	LOC344595	hypothetical L	FLJ31372	344595
219072_at	-0.25122589	-0.10671128	BCL7C	B-cell CLL/lym-		9274
204114_at	-0.87905959	0.52123041	NID2	nidogen 2 (ost-		22795
205827_at	0.22013508	-0.57742875	CCK	cholecystokini	MGC117187	885
223748_at	-0.44179614	0.08466451	SLC4A11	solute carrier	BTR1 CDPD C	83959
219377_at	0	-0.35712828	FAM59A	family with se	C18orf11 GAI	64762
1557761_s_at	0.00332683	-0.36020634	LOC400794	hypothetical L -		400794
201318_s_at	-0.17021198	-0.18662674	MRCL3	NA	NA NA	
235944_at	-0.55731006	0.20108474	HMCN1	hemicentin 1	ARMD1 FBLN	83872
227556_at	-0.23987391	-0.11631677	NME7	non-metastati	FLJ37194 nm	29922
216992_s_at	-0.33811415	-0.01727581	GRM8	glutamate rec	FLJ41058 GLL	2918
212727_at	-0.49971354	0.14434617	DLG3	discs, large ho	KIAA1232 MF	1741
222796_at	-0.35964101	0.00430533	PTCD1	pentatricopep	KIAA0632	26024
226416_at	-0.38824067	0.03300668	ERI1	exoribonuclea	3'HEXO HEXC	90459
226814_at	-0.35507322	0	ADAMTS9	ADAM metallo	FLJ42955 KIA	56999
227220_at	-0.0482454	-0.30647578	NFXL1	nuclear transc	FLJ16294 HO	152518
202894_at	-0.24137864	-0.11234783	EPHB4	EPH receptor	HTK MYK1 T	2050
208510_s_at	-0.29525088	-0.05841865	PPARG	peroxisome p	CIMT1 GLM1	5468
201694_s_at	0.44103689	-0.79453941	EGR1	early growth r	AT225 GOS30	1958
219481_at	-0.52471822	0.17148815	TTC13	tetratricopept	FLJ22584	79573
221821_s_at	-0.34266687	-0.01017209	C12orf41	chromosome	FLJ12670 FLJ	54934
215022_x_at	0.08459836	-0.43706985	ZNF33B	zinc finger prc	FLJ23327 KO	7582
224908_s_at	-0.33942172	-0.01300159	TTL	tubulin tyrosir	MGC46235	150465
211071_s_at	-0.29281544	-0.05959867	MLLT11	myeloid/lymp	AF1Q RP11-3	10962
227084_at	-0.64477603	0.29244108	DTNA	dystrobrevin,	D18S892E DR	1837
201851_at	-0.47279206	0.12081509	SH3GL1	SH3-domain €	CNSA1 EEN M	6455
211425_x_at	-0.35160587	0	SSX4B	synovial sarco	MGC169015	548313
233888_s_at	-0.35091623	0	SRGAP1	SLIT-ROBO Rh	ARHGAP13 FI	57522
239169_at	0.37377961	-0.72452581	RDM1	RAD52 motif 1	MGC33977 R	201299
223114_at	0.15246276	-0.50305049	COQ5	coenzyme Q5	MGC104303	84274
200939_s_at	0	-0.34995781	RERE	arginine-gluta	ARG ARP AT	473
229596_at	0.14996367	-0.49971968	AMDHD1	amidohydroლა	HMFT1272 M	144193
225730_s_at	0.03271617	-0.38246468	THUMPD3	THUMP doma	DKFZp434F09	25917
209616_s_at	-0.34872659	-0.00086095	CES1	carboxylester	ACAT CEH CE	1066
224788_at	-0.36189158	0.01257281	ARF6	ADP-ribosylati	DKFZp564M0	382
219497_s_at	-0.34707041	-0.00215308	BCL11A	B-cell CLL/lym	BCL11A-L BCL	53335
209804_at	-0.56420733	0.21522844	DCLRE1A	DNA cross-link	KIAA0086 PSC	9937
241908_at	-0.37480375	0.02601275	C1orf58	chromosome Brox	FLJ3242	148362
209670_at	-0.42964659	0.08146546	TRAC	T cell receptor-		28755
225519_at	-0.28164715	-0.06636604	PPP4R2	protein phosp	MGC131930	151987
205019_s_at	-0.26443698	-0.08344239	VIPR1	vasoactive int	FLJ41949 HV	7433



220018_at	-0.19996979	-0.14780329	CBL1	Cas-Br-M (mu FLJ23109 HAI	79872
225075_at	0.09734739	-0.44506216	PDRG1	p53 and DNA- C20orf126 PC	81572
225429_at	-0.26531552	-0.08219598	PPP6C	protein phosph FLJ92648 MG	5537
213921_at	0	-0.34742938	SST	somatostatin SMST	6750
220961_s_at	-0.66217642	0.3153801	TBRG4	transforming {CPR2 FASTKD	9238
208502_s_at	-0.58837418	0.24190439	PITX1	paired-like ho BFT CCF POT	5307
218271_s_at	-0.12042326	-0.22545392	PARL	presenilin ass( PRO2207 PSA	55486
215218_s_at	0.31235541	-0.65762851	WDR62	WD repeat do C19orf14 DKF	284403
218191_s_at	-0.05595747	-0.28910736	LMBRD1	LMBR1 domai C6orf209 FLJ:	55788
224624_at	-0.20262249	-0.14239434	LRR8A	leucine rich re FLJ10337 FLJ:	56262
230243_at	-0.04789198	-0.29689473	RG9MTD2	RNA (guanine- FLJ20325 MG	93587
1555913_at	-0.14573559	-0.19904152	GON4L	gon-4-like (C. DKFZp761I24:	54856
239283_at	-0.46572772	0.12137446	TMED5	transmembrai CGI-100 DKF2	50999
229588_at	-0.36603358	0.02199412	DNAJC10	DnaJ (Hsp40) DKFZp434J18:	54431
233350_s_at	0.13508724	-0.47893401	TEX264	testis express( DKFZp451H04	51368
201446_s_at	-0.13461304	-0.20920823	TIA1	TIA1 cytotoxic -	7072
216862_s_at	-0.18571344	-0.15775937	MTCP1NB	mature T-cell C6.1B MGC2C	100272147
229349_at	-0.41271082	0.06924171	LIN28B	lin-28 homolo CSDD2 FLJ16:	389421
1554145_a_at	-0.27491312	-0.06855216	KLRAQ1	KLRAQ motif ( CCDC128 FLJ:	129285
227455_at	-0.31129127	-0.03178159	C6orf136	chromosome MGC15854	221545
210605_s_at	0.38388923	-0.72660089	MFGE8	milk fat globu BA46 EDIL1 F	4240
220217_x_at	-0.30382329	-0.03762271	SPANXC	SPANX family, C CT11.3 CT:	64663
228733_at	-0.03346866	-0.30788507	PUSL1	pseudouridyla FLJ90811	126789
218352_at	-0.00160577	-0.33968922	RCBTB1	regulator of cl CLLD7 CLLL7	55213
224853_at	-0.48599241	0.14475801	SLAIN2	SLAIN motif fa FLJ21611 KIA.	57606
235559_at	-0.34087588	0	FAM188B	family with se C7orf67 FLJ2:	84182
223593_at	-0.68146419	0.34070486	AADAT	aminoadipate KAT2 KATII	51166
204779_s_at	-0.28625854	-0.05401809	HOXB7	homeobox B7 HHO.C1 HOX:	3217
204260_at	-0.39550687	0.05579617	CHGB	chromogranin SCG1	1114
227329_at	-0.68615966	0.34688634	ZBTB46	zinc finger anc BTBD4 FLJ13:	140685
210981_s_at	-0.21950914	-0.11971141	GRK6	G protein-cou FLJ32135 GPF	2870
215302_at	-0.27486607	-0.06388933	LOC257152	hypothetical p -	257152
202773_s_at	-0.405929	0.06736584	SFRS8	splicing factor MGC167082 :	6433
203586_s_at	0.14261763	-0.48105786	ARL4D	ADP-ribosylati ARF4L ARL6	379
212322_at	-0.16555606	-0.17288223	SGPL1	sphingosine-1 FLJ13811 KIA.	8879
227022_at	-0.03272452	-0.30555518	GNPDA2	glucosamine-( SB52	132789
220094_s_at	-0.08910362	-0.24914353	CCDC90A	coiled-coil dor C6orf79 FLJ2C	63933
209763_at	-0.02228212	-0.31594415	CHRDL1	chordin-like 1 CHL NRLN1 V	91851
204074_s_at	-0.62428608	0.28660226	KIAA0562	KIAA0562 GlyBP	9731
210961_s_at	-0.59792582	0.26030106	ADRA1D	adrenergic, al ADRA1 ADRA	146
202132_at	0.07033279	-0.40721125	WWTR1	WW domain c DKFZp586I14:	25937
213709_at	-0.77061586	0.43375869	BHLHB9	basic helix-loc KIAA1701 p6C	80823
213959_s_at	0.06088619	-0.39762742	RPGRIP1L	RPGRIP1-like CORS3 DKFZp	23322
206739_at	-0.22591376	-0.11067386	HOXC5	homeobox C5 CP11 HOX3 F	3222
205289_at	0.17665684	-0.5122085	BMP2	bone morpho; BMP2A	650
203409_at	0.38265859	-0.71803942	DDB2	damage-speci DDBB FLJ343:	1643
218326_s_at	-0.32549981	-0.0092447	LGR4	leucine-rich re GPR48	55366
218667_at	-0.05116493	-0.2834847	PJA1	praja ring fing RNF70	64219

224973_at	-0.18471634	-0.14860844	FAM46A	family with se C6orf37 FLJ2	55603
221840_at	0.01606611	-0.34903099	PTPRE	protein tyrosin DKFZp313F13	5791
204566_at	-0.11804625	-0.21474011	PPM1D	protein phosph PP2C-DELTA	8493
227947_at	-0.48638527	0.15363434	PHACTR2	phosphatase c C6orf56 DKFZ	9749
1557984_s_at	0.18398637	-0.51588134	RPAP3	RNA polymerc FLJ21908	79657
205598_at	-0.37907612	0.04780649	TRAIPT	TRAF interacti RNF206 TRIP	10293
224583_at	-0.35508644	0.02444108	COTL1	coactosin-like CLP FLJ43657	23406
203217_s_at	0.07415365	-0.40474385	ST3GAL5	ST3 beta-galac SIAT9 SIATGN	8869
202264_s_at	-0.48562287	0.15537465	TOMM40	translocase of C19orf1 D19C	10452
201883_s_at	-0.19723549	-0.13298881	B4GALT1	UDP-Gal:beta B4GAL-T1 DK	2683
210304_at	-0.15339959	-0.1766611	PDE6B	phosphodiester CSNB3 PDEB	5158
207717_s_at	-0.44313331	0.11322836	PKP2	plakophilin 2 ARVD9 MGC1	5318
232256_s_at	-0.3294246	0	LOC401321	hypothetical L-	401321
236675_at	-0.24373866	-0.08534447	RPA1	replication pro HSSB MST07E	6117
1553710_at	-0.11633812	-0.21260313	C4orf39	chromosome FLJ31659	152756
229930_at	-0.10315629	-0.22572824	LOC10013436	similar to hCG-	100134361
218692_at	-0.31952048	-0.00919956	GOLSYN	Golgi-localizec FLJ20366 KIA	55638
209088_s_at	-0.23901532	-0.08955771	UBN1	ubinnuclein 1 VT VT4	29855
204969_s_at	0.12684073	-0.45480968	RDX	radixin DFNB24	5962
232137_at	-0.17092554	-0.15664648	ZNF616	zinc finger pro MGC149778	90317
203187_at	-0.37854217	0.05134866	DOCK1	dedicator of c DOCK180 ced	1793
227215_at	-0.32755455	0.00125512	GOPC	golgi associatc CAL FIG GOP	57120
201026_at	0	-0.32604351	EIF5B	eukaryotic tra DKFZp434I03E	9669
224521_s_at	-0.35389604	0.02786462	CCDC77	coiled-coil dor MGC13183	84318
201182_s_at	-0.07169028	-0.25429025	CHD4	chromodomai DKFZp686E06	1108
1556213_a_at	-0.24678261	-0.0789236	BTG3	BTG family, m ANA MGC892	10950
204017_at	0	-0.32555505	KDEL3	KDEL (Lys-Asp ERD2L3	11015
221657_s_at	-0.42906892	0.10358211	ASB6	ankyrin repea FLJ20548 MG	140459
223428_s_at	0.00376766	-0.32919394	ISY1	ISY1 splicing f: KIAA1160 fSA	57461
212451_at	-0.5412015	0.21588241	SECISBP2L	SECIS binding KIAA0256	9728
205205_at	0.24305844	-0.56819573	RELB	v-rel reticuloe I-REL IREL RE	5971
212866_at	-0.23627701	-0.08860251	R3HCC1	R3H domain a DKFZp564N12	203069
1568592_at	-0.07006465	-0.2547327	TRIM69	tripartite mot HSD34 RNF3E	140691
205637_s_at	-0.3247592	0	SH3GL3	SH3-domain C CNSA3 EEN-2	6457
235709_at	0.53078491	-0.85541224	GAS2L3	growth arrest-	283431
212844_at	-0.00587584	-0.31863701	RRP1B	ribosomal RN, KIAA0179 NN	23076
213385_at	-0.20203122	-0.12152038	CHN2	chimerin (chir ARHGAP3 BCI	1124
238447_at	-0.45934114	0.1363748	RBMS3	RNA binding n-	27303
219521_at	-0.47596395	0.15356436	B3GAT1	beta-1,3-glucoc CD57 GLCATF	27087
210622_x_at	0.0184834	-0.34021274	CDK10	cyclin-depend PISSLRE	8558
230105_at	-0.53233552	0.21114475	HOXB13	homeobox B1 PSGD	10481
203603_s_at	-0.19918948	-0.12168465	ZEB2	zinc finger E-b FLJ42816 KIA	9839
203951_at	-0.3082124	-0.01245327	CNN1	calponin 1, ba SMCC Sm-Cal	1264
203444_s_at	-0.319959	0	MTA2	metastasis as DKFZp686F22	9219
203248_at	-0.20971524	-0.10968987	ZNF24	zinc finger pro KOX17 RSG-A	7572
225295_at	-0.19677627	-0.12257464	SLC39A10	solute carrier DKFZp781L10	57181
229204_at	0.41557053	-0.73460635	HP1BP3	heterochromc HP1-BP74 MC	50809
200986_at	-0.92525457	0.6067884	SERPING1	serpin peptidc C1IN C1INH C	710

219821_s_at	-0.24419595	-0.07423097	GFOD1	glucose-fructo-	54438
227889_at	-0.42489995	0.10649205	LPCAT2	lysophosphati AYTL1 DKFZp	54947
220948_s_at	-0.19172528	-0.12640577	ATP1A1	ATPase, Na+/I MGC3285 MC	476
210233_at	0.35229377	-0.67014203	IL1RAP	interleukin 1 r C3orf13 FLJ3	3556
222228_s_at	0.06684839	-0.38467468	ALKBH4	alkB, alkylatio FLJ20013	54784
31874_at	-0.78005835	0.46280695	GAS2L1	growth arrest- GAR22 MGC1	10634
221689_s_at	0.10118479	-0.41819172	PIGP	phosphatidylil DCRC DCRC-S	51227
215919_s_at	-0.6285853	0.31158063	MRPS11	mitochondrial FLJ22512 FLJ	64963
1552660_a_at	0.0229039	-0.33901593	C5orf22	chromosome DKFZp667N06	55322
213407_at	-0.23291118	-0.08316503	PHLPP2	PH domain an KIAA0931 PH	23035
1552427_at	-0.3664249	0.05047425	ZNF485	zinc finger prc-	220992
200971_s_at	0.07591523	-0.39182361	SERP1	stress-associat MGC117327	27230
203055_s_at	-0.35402291	0.03828194	ARHGEF1	Rho guanine r GEF1 LBCL2 I	9138
227243_s_at	-0.92687108	0.61164496	EBF3	early B-cell fac COE3 O/E-2	253738
219531_at	-0.19338363	-0.12156754	CEP72	centrosomal ꝑ FLJ10565 KIA	55722
218998_at	-0.09075097	-0.22417852	C9orf6	chromosome CG-8 FLJ2045	54942
231768_at	-0.11555528	-0.19929518	USF1	upstream trar FCHL FCHL1 I	7391
229679_at	0.49345677	-0.80822205	C12orf76	chromosome FLJ11385 FLJ	400073
211748_x_at	-0.27506801	-0.03959877	PTGDS	prostaglandin L-PGDS LPGD	5730
208740_at	-0.17693386	-0.13685205	SAP18	Sin3A-associat 2HOR0202 M	10284
205260_s_at	0.0231337	-0.33614483	ACYP1	acylphosphat: ACYPE	97
212651_at	-0.43615507	0.12356178	RHOBTB1	Rho-related B' KIAA0740 MGC	9886
201576_s_at	0.16369216	-0.4760538	GLB1	galactosidase, EBP ELNR1	2720
206671_at	0.19979372	-0.51213746	SAG	S-antigen; reti DKFZp686D10	6295
1569133_x_at	-0.44024428	0.12793927	ARSK	arylsulfatase f DKFZp313G17	153642
224367_at	0.40723697	-0.71937028	BEX2	brain express: BEX1 DJ79P1	84707
227340_s_at	-0.08685691	-0.22513773	RGMB	RGM domain DKFZp434P22	285704
38043_at	-0.19045137	-0.12086393	FAM3A	family with se 2-19 2.19 DX	60343
210707_x_at	-0.21389356	-0.09703262	PMS2L11	postmeiotic se PMSR6	441263
226596_x_at	-0.13404481	-0.17681338	tcag7.903	hypothetical ꝑ LOC729852	729852
218038_at	0.10249061	-0.41332799	ATP5SL	ATP5S-like FLJ10241	55101
204168_at	-0.34864394	0.03798985	MGST2	microsomal gl FLJ27438 GST	4258
218755_at	0.33220343	-0.64281231	KIF20A	kinesin family FLJ21151 MK	10112
241399_at	-0.13138086	-0.17915149	FAM19A2	family with se DKFZp761E12	338811
224801_at	-0.03006813	-0.27990741	NDFIP2	Nedd4 family FLJ25842 KIA	54602
212119_at	-0.1900377	-0.11950044	RHOQ	ras homolog g ARHQ RASL7/	23433
201328_at	0.2637086	-0.57319269	ETS2	v-ets erythro: ETS2IT1	2114
218896_s_at	-0.56269208	0.2532518	C17orf85	chromosome ELG HSA2778	55421
225755_at	0.11121397	-0.420234	KLHDC8B	kelch domain FLJ11302 MG	200942
226064_s_at	-0.31442292	0.00564516	DGAT2	diacylglycerol DKFZp686A15	84649
219264_s_at	-0.40491443	0.09654957	PPP2R3B	protein phosph NY-REN-8 PP	28227
205442_at	0.22105989	-0.52920304	MFAP3L	microfibrillar-: NYD-sp9	9848
221571_at	-0.41454921	0.1064882	TRAF3	TNF receptor- CAP-1 CD40b	7187
206788_s_at	-0.19008563	-0.11759415	CBFB	core-binding f PEBP2B	865
209517_s_at	-0.08463863	-0.22288694	ASH2L	ash2 (absent, ASH2) ASH2L1	9070
219760_at	0.026621	-0.33398089	LIN7B	lin-7 homolog LIN-7B MALS-	64130
223937_at	-0.3392981	0.03204111	FOXP1	forkhead box 12CC4 FLJ237	27086
203450_at	-0.27569284	-0.03087516	CBY1	chibby homol: C22orf2 CBY	25776

203499_at	-0.27630076	-0.03019733	EPHA2	EPH receptor .ARCC2 ECK	1969
238412_at	-0.53797094	0.23177843	LOC10013199	RRN3 RNA pol-	100131998
229751_s_at	0.15166387	-0.45769854	PUS7L	pseudouridyla DKFZp434G14	83448
221747_at	-0.38242983	0.07695227	TNS1	tensin 1 DKFZp586K06	7145
213568_at	-0.37062845	0.065254	OSR2	odd-skipped r FLJ90037	116039
205145_s_at	-0.46596223	0.16104858	MYL5	myosin, light c-	4636
217881_s_at	0.1707192	-0.47559263	CDC27	cell division cyAPC3 CDC27	996
219350_s_at	0.01117429	-0.31598585	DIABLO	diablo homolog DIABLO-S FLJ:	56616
230129_at	-0.29877959	-0.00588199	PSTK	phosphoseryl- C10orf89 MG	118672
227876_at	-0.79310589	0.48869856	KIAA1688	KIAA1688 pro-	80728
213350_at	-0.12696418	-0.17590586	RPS11	ribosomal pro-	6205
227687_at	-0.02745432	-0.27468052	HYLS1	hydrolethalus FLJ32915 HLS	219844
232605_s_at	-0.2523507	-0.04934446	RP11-251J8.3	hypothetical L LOC646871	646871
205721_at	-0.60783675	0.30733192	GFRA2	GDNF family r GDNFRB NRT	2675
225624_at	-0.30027527	0	SNX29	sorting nexin :A-388D4.1 FL	92017
214073_at	0.22956548	-0.5293127	CTTN	cortactin EMS1 FLJ344:	2017
212961_x_at	0.08496721	-0.38455891	CXorf40B	chromosome -	541578
202170_s_at	-0.09519572	-0.20390992	AASDHPPT	aminoadipate AASD-PPT CG	60496
242977_at	0.0834896	-0.38221853	LOC400796	NA NA NA	
201238_s_at	-0.02297018	-0.27512801	CAPZA2	capping prote CAPPA2 CAPZ	830
225355_at	0	-0.29802079	NEURL1B	neuralized hom DKFZp761M1:	54492
203367_at	-0.06548456	-0.23251195	DUSP14	dual specificit MKP-L MKP6	11072
203916_at	-0.00500827	-0.29298157	NDST2	N-deacetylase HSST2 MGC1:	8509
205226_at	-0.20029243	-0.09737208	PDGFRL	platelet-deriv PDGRL PRLTS	5157
242516_x_at	-0.09131264	-0.20617875	RBM46	RNA binding nCT68 MGC27:	166863
213189_at	-0.41388447	0.11673864	DKFZp667G21	beta-gamma c DKFZp667G21	131544
228715_at	0.04655487	-0.34324031	ZCCHC12	zinc finger, CC FLJ16123 SIZI	170261
216505_x_at	0.23514634	-0.53168484	RPS10P5	ribosomal pro RPS10L RPS10	93144
225592_at	-0.14585755	-0.15057161	NRM	nurim (nuclea NRM29	11270
209044_x_at	-0.38869083	0.09237683	SF3B4	splicing factor MGC10828 S:	10262
203875_at	0	-0.29529939	SMARCA1	SWI/SNF relat DKFZp686D16	6594
1556064_at	-0.03139766	-0.2635037	LOC284926	hypothetical f-	284926
244741_s_at	0	-0.29453596	MGC9913	hypothetical f-	386759
205794_s_at	-0.34798748	0.05362166	NOVA1	neuro-oncolog Nova-1	4857
226126_at	-0.37447548	0.08013995	TBCK	TBC1 domain HSPC302 MG	93627
228550_at	-0.50026301	0.20616338	RTN4R	reticulon 4 rec NGR NOGOR	65078
204589_at	-0.45645804	0.16241118	NUAK1	NUAK family, ARK5 KIAA05:	9891
216268_s_at	-0.16905354	-0.12412757	JAG1	jagged 1 (Alag AGS AHD AM	182
1553111_a_at	-0.20868693	-0.0841721	KBTBD6	kelch repeat a DKFZp547E19	89890
227783_at	-0.24079381	-0.05130078	CCDC57	coiled-coil dor FLJ00130 FLJ:	284001
207069_s_at	-0.76309952	0.47112769	SMAD6	SMAD family t HsT17432 M/	4091
221535_at	-0.14896153	-0.14295226	LSG1	large subunit t FLJ11301 FLJ:	55341
228090_at	0.0815755	-0.37332165	NMNAT3	nicotinamide PNAT3	349565
1555923_a_at	-0.0409084	-0.2503515	C10orf114	chromosome bA418C1.3	399726
219406_at	0.07959497	-0.3703353	C1orf50	chromosome MGC955	79078
219222_at	-0.2809729	-0.00974723	RBKS	ribokinase DKFZp686G13	64080
222161_at	-0.29060514	0	NAALAD2	N-acetylated t MGC116996	10003
229139_at	-0.28112811	-0.00916742	JPH1	junctionophilin 1 DKFZp762L03	56704

218248_at	-0.43177005	0.14156584	FAM111A	family with se DKFZp686A06	63901
215412_x_at	-0.26469699	-0.02536299	PMS2L2	postmeiotic se PMS4	5380
219675_s_at	-0.26160012	-0.02834837	UXS1	UDP-glucuron FLJ23591 SDF	80146
219338_s_at	0.09362231	-0.38325553	LRRC49	leucine rich re FLJ20156	54839
203463_s_at	-0.04326035	-0.24632693	EPN2	epsin 2 EHB21 KIAA1	22905
213455_at	-0.15438975	-0.13481579	FAM114A1	family with se Noxp20	92689
201372_s_at	-0.6756763	0.38667427	CUL3	cullin 3 -	8452
203665_at	0.1354191	-0.42429236	HMOX1	heme oxygenase HO-1 HSP32	3162
222832_s_at	0.02904325	-0.31733195	MFF	mitochondrial C2orf33 DKFZ	56947
1558541_at	0.09294977	-0.3809917	C8orf79	chromosome FLJ36980 KIA	57604
219938_s_at	-0.58812408	0.3003079	PSTPIP2	proline-serine MAYP MGC34	9050
209377_s_at	-0.23845804	-0.04932769	HMGN3	high mobility 1 DKFZp686E20	9324
202310_s_at	-0.35712878	0.06935067	COL1A1	collagen, type OI4	1277
238022_at	0.06503511	-0.35264753	CRNDE	colorectal nec NCRNA00180	643911
217732_s_at	0.08763793	-0.37460701	ITM2B	integral membr ABRI BRI BRI	9445
225352_at	0.09055861	-0.37656879	SEC62	SEC62 homolog Dtrp1 FLJ3281	7095
203852_s_at	-0.17585392	-0.11002252	SMN1	survival of motor BCD541 SMA	6606
227309_at	-0.28807144	0.00339009	YOD1	YOD1 OTU de DKFZp451J17:	55432
37005_at	-0.50171482	0.21711588	NBL1	neuroblastoma D1S1733E DA	4681
1569144_a_at	0.43297223	-0.71740302	C9orf169	chromosome MGC59937	375791
222850_s_at	0.12041266	-0.40449688	DNAJB14	DnaJ (Hsp40) EGNR9427 FL	79982
203153_at	0.67434349	-0.95749835	IFIT1	interferon-inducible G10P1 GARG	3434
203695_s_at	0.06224858	-0.34509477	DFNA5	deafness, autosomal ICERE-1	1687
205575_at	-0.54908741	0.26752676	C1QL1	complement component C1QRF CRF	10882
228471_at	-0.98835329	0.70687506	ANKRD44	ankyrin repeat MGC21968 M	91526
202477_s_at	-0.4447728	0.16411844	TUBGCP2	tubulin, gamma GCP2 MGC13	10844
219025_at	-0.42620089	0.14571648	CD248	CD248 molecule CD164L1 MG	57124
224563_at	-0.1705225	-0.10994313	WASF2	WAS protein family SCAR2 WAVE	10163
220679_s_at	-0.05462288	-0.22572847	CDH7	cadherin 7, type CDH7L1	1005
204217_s_at	-0.68799949	0.40778438	RTN2	reticulon 2 NSP2 NSPL1	6253
225612_s_at	-0.49746951	0.21763345	B3GNT5	UDP-GlcNAc:lysine B3GN-T5 beta	84002
206508_at	-0.01989974	-0.25963659	CD70	CD70 molecule CD27L CD27L	970
202085_at	-0.51267464	0.23341167	TJP2	tight junction MGC26306 X	9414
218813_s_at	-0.02906135	-0.2499563	SH3GLB2	SH3-domain KIAA1848 PPI	56904
221474_at	-0.14957296	-0.12893833	MYL12B	myosin, light chain MLC-B MRLC	103910
209037_s_at	-0.4587763	0.18036786	EHD1	EH-domain core FLJ42622 FLJ4	10938
209838_at	0.02981113	-0.30812465	COPS2	COP9 constitutive ALIEN CSN2 CS	9318
229050_s_at	0.05049494	-0.3285515	SNHG7	small nucleolar MGC16037 N	84973
238952_x_at	-0.43614499	0.15904189	ZNF829	zinc finger protein DKFZp686K21	374899
210720_s_at	-0.01808049	-0.25879143	NECAB3	N-terminal EF-APBA2BP EFC	63941
203349_s_at	0.2007461	-0.47742889	ETV5	ets variant 5 ERM	2119
1553107_s_at	-0.04486876	-0.23165224	C5orf24	chromosome FLJ37562	134553
218573_at	-0.19028193	-0.08618886	MAGEH1	melanoma associated APR-1 APR1	28986
205308_at	-0.36873474	0.09272901	FAM164A	family with se C8orf70 CGI-1	51101
235722_at	-0.27707179	0.00130181	SYNJ2BP	synaptojanin 2 ARIP2 FLJ112	55333
221799_at	-0.35909401	0.08350662	CHPF2	chondroitin proteoglycan CSGLCA-T Ch	54480
228487_s_at	0.09921542	-0.37475945	RREB1	ras responsive FINB HNT LZ:	6239
227737_at	-0.28819538	0.01326695	SRPRB	signal recognition APMCF1	58477

209539_at	-0.63735489	0.36406728	ARHGEF6	Rac/Cdc42 gu: COOL2 Cool-2	9459
202218_s_at	-0.25458791	-0.01840876	FADS2	fatty acid des: D6D DES6 FA	9415
226268_at	0.00291977	-0.27581913	RAB21	RAB21, mem: KIAA0118	23011
229653_at	0.04265724	-0.31547834	VPS53	vacuolar prot: FLJ10979 HCC	55275
213372_at	-0.22101255	-0.05120451	PAQR3	progesterin and RKTG	152559
238490_at	-0.15760647	-0.11436372	KIAA2026	KIAA2026 -	158358
76897_s_at	0.16961771	-0.44145839	FKBP15	FK506 binding FKBP133 KIAA	23307
230621_at	0.01004934	-0.28158546	ADAM17	ADAM metallo: ADAM18 CD1	6868
1557064_s_at	-0.36183945	0.09113287	HGSNAT	heparan-alpha: DKFZp686G24	138050
230220_at	-0.23128088	-0.03921172	UNC80	unc-80 homol C2orf21 FLJ14	285175
215380_s_at	-0.13520335	-0.13521718	GGCT	gamma-glutar C7orf24 CRF2	79017
209962_at	-0.27032632	0	EPOR	erythropoietin MGC138358	2057
206565_x_at	-0.37054167	0.10041663	SMA4	glucuronidase FLJ36702 FLJ:	11039
218226_s_at	-0.06898922	-0.20065105	NDUFB4	NADH dehydr: B15 CI-B15 N	4710
201302_at	0.00812089	-0.27763527	ANXA4	annexin A4 ANX4 DKFZp6	307
227414_at	0	-0.26887389	RHBDD1	rhomboic dor: DKFZp547E05	84236
213556_at	-0.26786657	0	LOC390940	similar to R28 -	390940
225154_at	-0.10754681	-0.15977852	SYAP1	synapse assoc: DKFZp686K22	94056
230747_s_at	0.10273984	-0.36998028	TTC39C	tetratricopept C18orf17 FLJ:	125488
230780_at	0.26907066	-0.53566329	LOC730091	hypothetical p-	730091
218578_at	0.00280508	-0.26842583	CDC73	cell division cy: C1orf28 FLJ2:	79577
203767_s_at	-0.31799126	0.05282275	STS	steroid sulfat: ARSC ARSC1	412
228671_at	-0.3880467	0.12361507	TMEM201	transmembran: NET5 RP13-1'	199953
201051_at	0.14319302	-0.40702054	ANP32A	acidic (leucine C15orf1) I1PP:	8125
200670_at	0.53487324	-0.79863843	XBP1	X-box binding: TREB5 XBP2	7494
212382_at	-0.07436398	-0.18934425	TCF4	transcription f: E2-2 ITF2 MC	6925
216623_x_at	0	-0.26270154	TOX3	TOX high mob: CAGF9 TNRC5	27324
212699_at	-0.0811859	-0.18142842	SCAMP5	secretory carr: DKFZp686L17'	192683
1563927_a_at	-0.05159693	-0.21061985	LOC401463	hypothetical L -	401463
205633_s_at	0.06550004	-0.32756717	ALAS1	aminolevulina: ALAS ALAS3 ,	211
214788_x_at	-0.19947461	-0.06253279	DDN	dendrin KIAA0749	23109
219008_at	-0.16965004	-0.09229299	C2orf43	chromosome: FLJ21820	60526
231946_at	-0.20515099	-0.05651773	ZFHX2	zinc finger hor: FLJ17566 FLJ4	85446
201578_at	-0.33454548	0.07373147	PODXL	podocalyxin-li: Gp200 MGC1	5420
1570135_at	0.08938157	-0.35006245	ZNF230	zinc finger prc: FDZF2	7773
218500_at	-0.53196472	0.27196102	C8orf55	chromosome: DSCD75	51337
1557176_a_at	-0.3662953	0.10649542	C14orf37	chromosome: c14_5376	145407
213899_at	-0.57704391	0.31759134	METAP2	methionyl am: MAP2 MNPEI	10988
205638_at	0.1908368	-0.45017333	BAI3	brain-specific: KIAA0550 MC	577
207134_x_at	0	-0.25915722	TPSB2	tryptase beta: TPS2 tryptase	64499
224909_s_at	-0.13998805	-0.11864156	PREX1	phosphatidyl: KIAA1415 P-F	57580
227694_at	-0.18115648	-0.07692524	C1orf201	chromosome: FLJ33340	90529
223457_at	-0.00941244	-0.2469404	COPG2	coatome pro: 2-COP DKFZp	26958
230869_at	0	-0.25633628	FAM155A	family with se -	728215
204748_at	-0.0021212	-0.25417266	PTGS2	prostaglandin: COX-2 COX2	5743
222025_s_at	-0.26057352	0.00536858	OPLAH	5-oxoprolinas: 5-Opase DKF:	26873
242429_at	-0.1000192	-0.15455941	ZNF567	zinc finger prc: MGC45586	163081
220127_s_at	-0.20403304	-0.05014475	FBXL12	F-box and leuc: FLJ20188 Fbl:	54850

202862_at	-0.03820185	-0.21572021	FAH	fumarylaceto-	2184
227925_at	-0.08387657	-0.1692929	FLJ39051	hypothetical p-	399972
222030_at	-0.33793417	0.08490181	SIVA1	SIVA1, apopto	10572
227806_at	-0.49774743	0.24537315	C16orf74	chromosome MGC17624	404550
218970_s_at	-0.10891185	-0.14271171	CUTC	cutC copper t	51076
229061_s_at	-0.23869384	-0.01258252	SLC25A13	solute carrier ARALAR2 CITI	10165
238798_at	-0.80999548	0.55900677	TAPT1	transmembra	202018
227267_at	-0.18458415	-0.06635326	C5orf37	chromosome FLJ35779 MG	134359
218609_s_at	0.27171513	-0.52257109	NUDT2	nudix (nucleo	318
225051_at	0.0292532	-0.28004897	EPB41	erythrocyte m	2035
226001_at	-0.1163993	-0.1341407	KLHL5	kelch-like 5 (D-	51088
203830_at	-0.12221569	-0.12831686	C17orf75	chromosome NJMU-R1	64149
204909_at	0.09939664	-0.34954672	DDX6	DEAD (Asp-Glu	1656
219326_s_at	0.34739367	-0.59741327	B3GNT2	UDP-GlcNAc:t	10678
1554084_a_at	-0.11650943	-0.13312155	NOL9	nucleolar prot	79707
1555781_at	0.18201875	-0.43126004	PQLC2	PQ loop repe	54896
201212_at	-0.14372913	-0.10535419	LGMN	legumain AEP LGMN1	5641
207850_at	-0.11404662	-0.13459096	CXCL3	chemokine (C	2921
232271_at	0.0938633	-0.34200883	HNF4G	hepatocyte n	3174
214975_s_at	-0.34734395	0.09960517	MTMR1	myotubularin -	8776
232087_at	-0.29700824	0.04962956	CXorf23	chromosome -	256643
209118_s_at	-0.24905201	0.00172247	TUBA1A	tubulin, alpha	7846
204340_at	0.04075233	-0.28801378	TMEM187	transmembra	8269
219000_s_at	-0.38384746	0.13692546	DSCC1	defective in si	79075
217947_at	-0.08984933	-0.15692586	CMTM6	CKLF-like MAF	54918
215011_at	-0.55968575	0.31328997	SNHG3	small nucleola	8420
219100_at	0.16976226	-0.41582025	OBFC1	oligonucleotic	79991
204693_at	-0.22482488	-0.02056219	CDC42EP1	CDC42 effectc	11135
217289_s_at	-0.73778993	0.4925669	SLC37A4	solute carrier	2542
236170_x_at	-0.3531559	0.10817402	HERPUD2	HERPUD famil	64224
230031_at	0.5168112	-0.75957585	HSPA5	heat shock 70	3309
203878_s_at	-0.30362939	0.06115863	MMP11	matrix metall	4320
214797_s_at	-0.24238869	0	PCTK3	PCTAIRE prote	5129
227896_at	-0.55712285	0.31540664	BCCIP	BRCA2 and CC	56647
226733_at	-0.08732687	-0.15369917	PFKFB2	6-phosphofru	5208
219655_at	0.39300458	-0.63377604	C7orf10	chromosome DER	79783
231969_at	-0.38117006	0.1407693	STOX2	storkhead bo	56977
208813_at	0.62593729	-0.86601544	GOT1	glutamic-oxal	2805
224659_at	-0.41257445	0.17297502	SEPN1	selenoprotein	57190
234863_x_at	0.02606667	-0.26510572	FBXO5	F-box protein	26271
205551_at	0.31882264	-0.55767164	SV2B	synaptic vesic	9899
228963_at	-0.30638669	0.06842358	RSBN1L	round sperma	222194
231725_at	0.0232604	-0.2608507	PCDHB2	protocadherin	56133
213283_s_at	-0.17504509	-0.06246775	SALL2	sal-like 2 (Dro	6297
227166_at	0.50171385	-0.73867214	DNAJC18	DnaJ (Hsp40)	202052
218953_s_at	-0.12739242	-0.10948698	PCYOX1L	prenylcysteine	78991
202179_at	-0.29587139	0.05911113	BLMH	bleomycin hyc	642
203904_x_at	-0.23570061	0	CD82	CD82 molecul	3732

214138_at	-0.17460506	-0.0610808	ZNF79	zinc finger prc pT7	7633
223228_at	-0.09603511	-0.13938449	LDOC1L	leucine zipper DKFZp761017	84247
223342_at	-0.01085915	-0.22442865	RRM2B	ribonucleotide DKFZp686M01	50484
220606_s_at	0.44696333	-0.6819724	C17orf48	chromosome MDS006 NBL	56985
218355_at	0.25757211	-0.4920189	KIF4A	kinesin family FLJ12530 FLJ:	24137
230937_at	-0.03236417	-0.20195586	LOC285835	hypothetical p-	285835
225308_s_at	-0.21793754	-0.01429144	TANC1	tetratricopept FLJ13360 FLJ:	85461
207740_s_at	-0.22238189	-0.00980856	NUP62	nucleoporin 6 DKFZp547L13:	23636
208095_s_at	-0.04420785	-0.18796485	CAMK2G	calcium/calmodulin CAMK CAMK-	818
212771_at	-0.51019792	0.27817556	FAM171A1	family with sequence C10orf38 FLJ:	221061
216017_s_at	0.08174436	-0.31371378	NAB2	NGFI-A binding MADER MGC	4665
57540_at	-0.13292639	-0.0989318	BRE	brain and reproductive BRCC4 BRCC4	9577
216835_s_at	-0.09667431	-0.13500419	DOK1	docking protein MGC117395	1796
206587_at	-0.05786166	-0.17370685	CCT6B	chaperonin class CCT-zeta-2 CCT	10693
210870_s_at	-0.08392179	-0.14710743	EPM2A	epilepsy, progressive EPM2 MELF	7957
201040_at	-0.28364038	0.05301215	GNAI2	guanine nucleotide GIP GNAI2B I	2771
205291_at	-0.22948131	-0.0007028	IL2RB	interleukin 2 receptor CD122 P70-7:	3560
227998_at	0.16855857	-0.39854042	S100A16	S100 calcium AAG13 DT1P:	140576
206060_s_at	-0.26065268	0.03084355	PTPN22	protein tyrosine LYP LYP1 LYP	26191
220358_at	0.23055638	-0.46031715	BATF3	basic leucine zipper FLJ36352 FLJ:	55509
213336_at	-0.05959074	-0.16969506	BAZ1B	bromodomain WBSCR10 WE	9031
212786_at	-0.24500563	0.01582479	CLEC16A	C-type lectin class Gop-1 KIAA0:	23274
213249_at	0.17438379	-0.40348114	FBXL7	F-box and leucine FBL6 FBL7	23194
200732_s_at	0.12652817	-0.35494774	PTP4A1	protein tyrosine DKFZp779M0:	7803
48117_at	-0.10175082	-0.12643245	CCDC101	coiled-coil domain FLJ32446 STA	112869
204759_at	-0.11750624	-0.11018384	RCBTB2	regulator of class C CHC1L	1102
1554176_a_at	0.05525178	-0.28285804	C3orf33	chromosome FLJ31139	285315
205883_at	-0.80152347	0.57469063	ZBTB16	zinc finger ancient PLZF ZNF145	7704
243110_x_at	-0.27388286	0.04709044	NPW	neuropeptide L8 L8C PPL8	283869
232276_at	0	-0.22658048	HS6ST3	heparan sulfate DKFZp761K23	266722
201136_at	-0.12567745	-0.10083802	PLP2	proteolipid protein A4 A4-LSB M	5355
230644_at	-0.27359897	0.04797498	LRFN5	leucine rich repeat C14orf146 D:	145581
205220_at	0.00023552	-0.22478822	GPR109B	G protein-coupled HM74 PUMA:	8843
218965_s_at	-0.46720512	0.24271932	TUT1	terminal uridine FLJ21850 FLJ:	64852
235568_at	1.18820087	-1.41210608	C19orf59	chromosome MCEMP1 MGC	199675
235014_at	0.4584631	-0.68167677	LOC147727	hypothetical L-	147727
242938_s_at	-0.12456202	-0.09862223	FOXK2	forkhead box ILF ILF-1 ILF1	3607
202275_at	-0.11181548	-0.11133631	G6PD	glucose-6-phosphate G6PD1	2539
208119_s_at	-0.65904865	0.435968	ZNF93	zinc finger protein HPF34 HTF34	81931
219972_s_at	-0.20801085	-0.0150111	C14orf135	chromosome FBP2 FLJ1279	64430
219525_at	-0.04890526	-0.17354912	SLC47A1	solute carrier FLJ10847 MA	55244
228771_at	-0.30896201	0.08809437	ADRBK2	adrenergic, beta BARK2 GRK3	157
226897_s_at	0.31967469	-0.54051041	ZC3H7A	zinc finger class FLJ10027 FLJ:	29066
225619_at	-0.28932874	0.06876367	SLAIN1	SLAIN motif family C13orf32 FLJ:	122060
1567013_at	0	-0.22041561	NFE2L2	nuclear factor NRF2	4780
205842_s_at	-0.45055138	0.23024888	JAK2	Janus kinase 2 JTK10	3717
213901_x_at	0.4442637	-0.66409374	RBM9	RNA binding protein FOX2 Fox-2 F:	23543
230219_at	0.12610252	-0.34548314	NDE1	nucleoderm nuclear FLJ20101 HOI	54820



219435_at	-0.53044555	0.31137143	C17orf68	chromosome AAF-132 CTC:	80169
223237_x_at	-0.23840331	0.01942386	AP2A1	adaptor-relate ADTAA AP2-A	160
1554036_at	-0.10838378	-0.11052414	ZBTB24	zinc finger anc BIF1 PATZ2 Z	9841
218670_at	-0.47354183	0.25538975	PUS1	pseudouridylyla MGC11268	80324
200838_at	0.16264932	-0.3803984	CTSB	cathepsin B APPS CPSB	1508
220773_s_at	0.30910359	-0.52684728	GPHN	gephyrin GEPH GPH G	10243
220275_at	-0.19307569	-0.02447167	CUZD1	CUB and zona ERG-1 UO-44	50624
222650_s_at	-0.28294043	0.06582349	SLC2A4RG	SLC2A4 regula GEF HDBP1 S	56731
219123_at	-0.11291389	-0.10358834	ZNF232	zinc finger prc ZSCAN11	7775
228255_at	-0.52340316	0.30712637	ALS2CR4	amyotrophic l DKFZp313L09	65062
217986_s_at	-0.46702697	0.25091249	BAZ1A	bromodomair ACF1 DKFZp5	11177
209550_at	-0.21605157	0	NDN	neccdin homol HsT16328 PM	4692
230112_at	0	-0.21571911	4-Mar	membrane-as MARCH-IV M	57574
223476_s_at	0.00370474	-0.21922424	C12orf65	chromosome FLJ38663	91574
244734_at	0	-0.2154473	MTHFSD	methenyltetra FLJ12998 FLJ:	64779
209479_at	0.26063298	-0.47529002	CCDC28A	coiled-coil dor C6orf80 CCRL	25901
212317_at	-0.17508269	-0.038357	TNPO3	transportin 3 IPO12 MTR1C	23534
204690_at	0.19630561	-0.40956223	STX8	syntaxin 8 CARB	9482
212186_at	-0.13512113	-0.07796657	ACACA	acetyl-Coenzy ACAC ACC AC	31
232860_x_at	0.0689926	-0.28183301	RBM41	RNA binding n FLJ11016 FLJ:	55285
204572_s_at	-0.28189407	0.06923084	PIN4	protein (pepti EPVH MGC13	5303
217771_at	-0.49372012	0.28150228	GOLM1	golgi membra C9orf155 FLJ:	51280
200707_at	-0.09375653	-0.11833953	PRKCSH	protein kinase AGE-R2 G19P	5589
223545_at	0.06266181	-0.27470328	FANCD2	Fanconi anem DKFZp762A22	2177
202818_s_at	-0.25812528	0.04665498	TCEB3	transcription e FLJ38760 FLJ:	6924
226281_at	-0.27339591	0.06241196	DNER	delta/notch-li UNQ26 bet	92737
217764_s_at	-0.58951448	0.37880959	RAB31	RAB31, memk Rab22B	11031
226677_at	-0.07175419	-0.13881601	ZNF521	zinc finger prc DKFZp564D07	25925
217853_at	-0.82101034	0.61062533	TNS3	tensin 3 DKFZp686K12	64759
220748_s_at	-0.25242765	0.04217219	ZNF580	zinc finger prc -	51157
207469_s_at	0	-0.21020354	PIR	pirin (iron-bin -	8544
226747_at	0.43661916	-0.64624085	TXNDC16	thioredoxin d K1AA1344	57544
216899_s_at	0.62319216	-0.83277604	SKAP2	src kinase assc MGC10411 M	8935
220081_x_at	-0.08481323	-0.12476194	HSD17B7	hydroxysteroid MGC12523 M	51478
202555_s_at	0.19810596	-0.4076663	MYLK	myosin light c DKFZp686I10:	4638
228960_at	-0.24172353	0.03217329	NARG2	NMDA recept BRCC1	79664
226770_at	-0.11545506	-0.09392194	MAGI3	membrane as MAGI-3 MGC	260425
234733_s_at	-0.53432854	0.32499607	FANCM	Fanconi anem FAAP250 KIA	57697
207813_s_at	0.239386	-0.44842754	FDXR	ferredoxin rec ADXR	2232
1558816_at	-0.27777434	0.06919262	ZNF664	zinc finger prc DKFZp761B12	144348
235594_at	-0.20737462	0	AIMP1	aminoacyl tRN EMAP2 EMAF	9255
201934_at	-0.31751308	0.1103917	WDR82	WD repeat do MST107 MST	80335
226584_s_at	0.04359744	-0.25049203	FAM110A	family with se C20orf55 F10	83541
215342_s_at	-0.20680696	0	RABGAP1L	RAB GTPase a DKFZp686E14	9910
224227_s_at	-0.43455148	0.22781493	BDP1	B double prim DKFZp686C01	55814
201939_at	-0.309091	0.10239864	PLK2	polo-like kina: SNK	10769
205331_s_at	-0.22608108	0.02035792	REEP2	receptor acce: C5orf19 SGC3	51308
205294_at	-0.15695394	-0.0486282	BAIAP2	BAI1-associat BAP2 FLAF3 I	10458

228162_at	-0.32746545	0.12230704	ESD	esterase D/foi FGH FLJ11765	2098
227541_at	-0.22624574	0.02109163	WDR20	WD repeat do DMR FLJ3365	91833
224609_at	-0.39044591	0.18654182	SLC44A2	solute carrier CTL2 DKFZp61	57153
235245_at	-0.13403464	-0.06964068	TMEM92	transmembrai FLJ33318	162461
215338_s_at	-0.33090136	0.12760492	NKTR	natural killer-t DKFZp686F17	4820
1564972_x_at	-0.18375908	-0.01913533	SETDB2	SET domain, b C13orf4 CLLD	83852
228063_s_at	0.38890349	-0.59163312	NAP1L5	nucleosome a DRLM	266812
203517_at	-0.08705374	-0.11559879	MTX2	metaxin 2 MGC111067	10651
230057_at	-0.27566371	0.07327617	LOC285178	hypothetical ꝑ-	285178
205716_at	0.24911244	-0.45095631	SLC25A40	solute carrier MCFP	55972
232287_at	0	-0.20179522	PGBD3	piggyBac tran: FLJ90201	267004
232437_at	-0.20198827	0.00058349	CPSF3L	cleavage and ꝑCPSF73L FLJ1	54973
216247_at	-0.50789454	0.30660002	RPS20	ribosomal pro FLJ27451 MG	6224
239711_at	-0.20326861	0.00200565	ADAL	adenosine de: DKFZp313B21	161823
219643_at	0.12857543	-0.32970042	LRP1B	low density lip LRP-DIT LRPD	53353
204653_at	-0.01702525	-0.18380004	TFAP2A	transcription fact AP-2 AP-2alpl	7020
207440_at	-0.06955844	-0.13121213	SLC35A2	solute carrier UGALT UGAT	7355
219314_s_at	-0.22614741	0.02565341	ZNF219	zinc finger prc ZFP219	51222
231270_at	-0.10611813	-0.09417186	CA13	carbonic anhy CAXIII FLJ379	377677
223783_s_at	-0.15432742	-0.04550251	ELP2P	endozepine-lil-	100131454
212062_at	-0.35196369	0.15225353	ATP9A	ATPase, class ATP1IA KIAA0	10079
202350_s_at	0.09153778	-0.29069148	MATN2	matrilin 2 -	4147
219288_at	-0.11176976	-0.08711111	C3orf14	chromosome HT021	57415
1556551_s_at	-0.18728565	-0.01132279	SLC39A6	solute carrier LIV-1	25800
222653_at	-0.57595785	0.37756842	PNPO	pyridoxamine FLJ10535 PD>	55163
212032_s_at	-0.39011131	0.19209252	PTOV1	prostate tumc ACID2 DKFZp:	53635
1568720_at	0.72049573	-0.91847626	ZNF506	zinc finger prc DKFZp761G18	440515
209024_s_at	-0.23954092	0.0415604	SYNCRIP	synaptotagmi FLJ31626 GR\	10492
235812_at	-0.20076669	0.00305402	TMEM188	transmembrai C16orf69 DKF	255919
230147_at	0	-0.19742089	F2RL2	coagulation fa PAR3	2151
227336_at	0.2755479	-0.47290467	DTX1	deltex homolc hDx-1	1840
204913_s_at	-0.32237288	0.1251282	SOX11	SRY (sex deter-	6664
226446_at	0.06215917	-0.2587654	HES6	hairy and enh: HES-6 bHLHb.	55502
224969_at	-0.31495056	0.11836323	ATXN7L3	ataxin 7-like 3 DKFZp761G21	56970
1554741_s_at	0.29971638	-0.49620978	KGFLP1	keratinocyte ꝑ MGC125746	387628
205569_at	0	-0.19635583	LAMP3	lysosomal-ass CD208 DC-LA	27074
204395_s_at	0.03108363	-0.22740195	GRK5	G protein-cou GPRK5	2869
205214_at	-0.1491246	-0.04632446	STK17B	serine/threon DRAK2	9262
205123_s_at	0.07439902	-0.26902225	TMEFF1	transmembrai C9orf2 H7365	8577
213786_at	0.23182367	-0.42628555	TAX1BP1	Tax1 (human ꝑ CALCOCO3 T6	8887
203293_s_at	0.12626303	-0.32022093	LMAN1	lectin, manno: ERGIC-53 ERC	3998
221217_s_at	0.01136452	-0.20513158	A2BP1	ataxin 2-bindii FOX1 HRNBP:	54715
211547_s_at	0.11194766	-0.3052172	PAFAH1B1	platelet-activ: LIS1 LIS2 MD	5048
201985_at	0.04405492	-0.23726299	KIAA0196	KIAA0196 MGC111053 :	9897
201830_s_at	0.01773932	-0.21083646	NET1	neuroepitheli: ARHGEF8 NE1	10276
223339_at	0.09388022	-0.28695322	ATPIF1	ATPase inhibit ATP ATPIP IF	93974
202098_s_at	-0.19290159	0	PRMT2	protein arginii HRMT1L1 MC	3275
227877_at	0.24298683	-0.43586943	C5orf39	chromosome AX2R AXIIR	389289

205733_at	-0.31215941	0.11933756	BLM	Bloom syndro BS MGC1266	641
223263_s_at	0.38243005	-0.57484482	FGFR1OP2	FGFR1 oncoge DKFZp564O18	26127
230569_at	-0.25318966	0.06093923	KIAA1430	KIAA1430 DKFZp434F17	57587
207723_s_at	-0.1917613	0	KLRC3	killer cell lectii NKG2-E NKG2	3823
219279_at	-0.20402705	0.01236165	DOCK10	dedicator of c DKFZp781A15	55619
203141_s_at	-0.01902507	-0.17172215	AP3B1	adaptor-relate ADTB3 ADTB:	8546
206085_s_at	0.69737841	-0.88806572	CTH	cystathionase MGC9471	1491
235384_at	-0.17947532	-0.01113036	NUDT19	nudix (nucleo: RP2	390916
211676_s_at	-0.22310657	0.03280312	IFNGR1	interferon gar CD119 FLJ45	3459
226751_at	0	-0.19025886	CNRIP1	cannabinoid r C2orf32 CRIP	25927
232861_at	0.81057869	-1.00058297	PDP2	pyruvate dehy KIAA1348 PPI	57546
218727_at	-0.23034654	0.04052284	SLC38A7	solute carrier FLJ10815 FLJ:	55238
221951_at	-0.29669372	0.10700385	TMEM80	transmembrai FLJ38216 FLJ:	283232
213552_at	-0.10437422	-0.08530449	GLCE	glucuronic aci HSEPI KIAA08	26035
227207_x_at	0.03054569	-0.21939529	ZNF213	zinc finger prc CR53 ZKSCAN	7760
210852_s_at	0.0125618	-0.2013374	AASS	aminoadipate LKR/SDH LKR:	10157
213012_at	-0.15810177	-0.02982663	NEDD4	neural precur: KIAA0093 MC	4734
209381_x_at	0.02862066	-0.21648419	SF3A2	splicing factor PRP11 PRPF1	8175
213078_x_at	0	-0.18751127	LPCAT4	lysophosphati AGPAT7 AYTL	254531
219402_s_at	0.15709613	-0.34457194	DERL1	Der1-like dom DER-1 DER1	79139
219337_at	-0.81329923	0.62586465	C1orf159	chromosome FLJ20584 FLJ:	54991
225650_at	-0.75790129	0.57103581	SAMD1	sterile alpha n-	90378
1554206_at	-0.15739294	-0.02946694	TMLHE	trimethyllysin BBOX2 FLJ10:	55217
202137_s_at	0.04158017	-0.22767307	ZMYND11	zinc finger, M' BRAM1 BS69	10771
225536_at	-0.5638279	0.37784032	TMEM54	transmembrai BCLP CAC-1 (	113452
238089_at	-0.25097748	0.06502891	MAN2C1	mannosidase, DKFZp686E23	4123
227188_at	0.087646	-0.27325814	C21orf63	chromosome B18 B19 C21	59271
219595_at	-0.14891475	-0.035808	ZNF26	zinc finger prc FLJ20755 KO)	7574
213085_s_at	-0.03311288	-0.15118474	WWC1	WW and C2 d FLJ10865 FLJ:	23286
226477_at	-0.15775544	-0.02652433	VPRBP	Vpr (HIV-1) bi DCAF1 KIAA0	9730
219128_at	-0.02692863	-0.15695327	C2orf42	chromosome FLJ20558	54980
236656_s_at	0	-0.18381968	LOC10013050	hypothetical p-	100130506
225699_at	-0.07359522	-0.11003737	C7orf40	chromosome FLJ38860	285958
230769_at	-0.14804912	-0.03526884	DENND2C	DENN/MADD DKFZp686G03	163259
214017_s_at	-0.46819016	0.28494225	DHX34	DEAH (Asp-Gli DDX34 HRH1	9704
209895_at	0.05297249	-0.23575362	PTPN11	protein tyrosii BPTP3 CFC M	5781
215783_s_at	-0.17876155	-0.00319911	ALPL	alkaline phosç AP-TNAP FLJ4	249
1558279_a_at	-0.18493786	0.00312201	KDSR	3-ketodihydro DHSR FLJ365:	2531
230964_at	-0.46333599	0.28156054	FREM2	FRAS1 related DKFZp686J08:	341640
1562717_at	0	-0.1817495	C2orf46	chromosome FLJ45673	339789
1552332_at	-0.19393552	0.01220832	TRIOBP	TRIO and F-ac DFNB28 FLJ3:	11078
225843_at	0.03776134	-0.21929788	ZFYVE19	zinc finger, FY FLJ14840 MP	84936
207414_s_at	-0.00995252	-0.17152453	PCSK6	proprotein co PACE4 SPC4	5046
209115_at	-0.11297706	-0.06846159	UBA3	ubiquitin-like DKFZp566J16:	9039
219094_at	0.12226266	-0.30356879	ARMC8	armadillo repç HSPC056 MG	25852
234936_s_at	0.06608142	-0.24738415	CC2D2A	coiled-coil anc JBTS9 KIAA13	57545
214333_x_at	-0.13442822	-0.04674076	IDH3G	isocitrate dehy H-IDHG	3421
220925_at	0.01365499	-0.19481366	MAK10	MAK10 homo FLJ21613 FLJ:	60560

236382_at	-0.21874398	0.03776532	WDR8	WD repeat do FLJ20430 MG	49856
211337_s_at	0.02982432	-0.2103312	TUBGCP4	tubulin, gamma 76P FLJ14797	27229
238805_at	0	-0.17963169	C11orf52	chromosome FLJ25219 MG	91894
211519_s_at	0.64087639	-0.82024131	KIF2C	kinesin family KNSL6 MCAK	11004
225160_x_at	0.05334894	-0.23242363	MDM2	Mdm2 p53 binding HDMX MGC5	4193
242817_at	0.5313641	-0.71041372	PGLYRP2	peptidoglycan HMFT0141 P	114770
1559400_s_at	-0.6342554	0.45608931	PAPPA	pregnancy-associated ASBABP2 DIP	5069
211026_s_at	-0.19138609	0.01399037	MGLL	monoglyceride HU-K5 HUK5	11343
202494_at	0.18027269	-0.35762858	PPIE	peptidylprolyl CYP-33 MGC1	10450
210376_x_at	-0.01526697	-0.16191893	ELK1	ELK1, member -	2002
203901_at	0.01155354	-0.18817023	MAP3K7IP1	mitogen-activated 3'-Tab1 MGC1	10454
1559688_at	0	-0.17655568	GRAPL	GRB2-related -	400581
202820_at	0.09107714	-0.26762146	AHR	aryl hydrocarbon bHLHe76	196
231056_at	0.03372534	-0.21016697	LOC339352	similar to Putz-	339352
227109_at	-0.43711443	0.26145782	CYP2R1	cytochrome P MGC4663	120227
206651_s_at	0.33500922	-0.51015225	CPB2	carboxypeptidase CPU PCPB TA	1361
227379_at	-0.00236422	-0.17237937	MBOAT1	membrane bound LPEAT1 MGC1	154141
209580_s_at	0.01392348	-0.18858726	MBD4	methyl-CpG binding MED1	8930
233080_s_at	-0.13882981	-0.03580083	PRPF40A	PRP40 pre-mRNA FBP-11 FBP11	55660
227348_at	-0.1765373	0.001925	PARS2	prolyl-tRNA synthetase DKFZp727A07	25973
1555112_a_at	0.07598146	-0.25018962	C1orf114	chromosome FLJ25846 RP1	57821
227328_at	0.01654235	-0.1906537	CAMTA1	calmodulin binding KIAA0833	23261
203275_at	-0.01014589	-0.16383897	IRF2	interferon regulatory DKFZp686F02	3660
201827_at	-0.30478005	0.13095676	SMARCD2	SWI/SNF related BAF60B CRAC	6603
227515_at	-0.1823463	0.0088259	STAMBP	STAM binding AMSH MGC1	10617
203122_at	-0.1603664	-0.01250164	TTC15	tetratricopeptide CGI-87 FLJ368	51112
218286_s_at	0.01753809	-0.19026903	RNF7	ring finger protein CKBBP1 ROC2	9616
221851_at	-0.42571799	0.25302015	DCAF15	DDB1 and CUI C19orf72 MGC	90379
226647_at	-0.73871213	0.56616496	TMEM25	transmembrane FLJ14399	84866
1563498_s_at	-0.16941412	-0.0023154	SLC25A45	solute carrier -	283130
223305_at	0.01325196	-0.18424696	TMEM216	transmembrane MGC13379	51259
218469_at	-0.02462657	-0.14593842	GREM1	gremlin 1, cysteine CKTSF1B1 DA	26585
202947_s_at	-0.65130532	0.48078099	GYPC	glycophorin C CD236 CD236	2995
210419_at	0.01352712	-0.18356448	BARX2	BARX homeobox MGC133368	8538
228354_at	-0.0644258	-0.10547964	MORN4	MORN repeat C10orf83 FLJ2	118812
32088_at	-0.18624712	0.01654936	BLZF1	basic leucine zipper GOLGIN-45 JE	8548
214037_s_at	0.08545152	-0.25513498	CCDC22	coiled-coil domain CXorf37 JM1	28952
61734_at	-0.2917105	0.12229282	RCN3	reticulocalbin RLP49	57333
202543_s_at	0.075601	-0.24451265	GMFB	glial maturation GMF	2764
220559_at	0	-0.16864011	EN1	engrailed homolog -	2019
216381_x_at	0.26145541	-0.4299672	AKR7A3	aldo-ketoreductase AFAR2	22977
219688_at	0.24275187	-0.41125238	BBS7	Bardet-Biedl syndrome BBS2L1 FLJ10	55212
207331_at	-0.12078333	-0.0467599	CENPF	centromere protein CENPF PRO177	1063
228434_at	-0.16689208	0	BTNL9	butyrophilin-like BTN3 VDLS19	153579
229955_at	-0.25428399	0.08750432	FBXO3	F-box protein DKFZp564B09	26273
1555819_s_at	-0.06615384	-0.10047989	SAMD14	sterile alpha domain FLJ36890	201191
209481_at	-0.26502571	0.0984641	SNRK	SNF related kinase DKFZp779A18	54861
225319_s_at	-0.45050512	0.2854036	COG1	component of CDG2G DKFZp	9382

201403_s_at	-0.10988811	-0.05515115	MGST3	microsomal gl GST-III	4259
202105_at	0.37672854	-0.54174997	IGBP1	immunoglobulin ALPHA-4 IBP1	3476
225540_at	0.00015282	-0.16470161	MAP2	microtubule-associated protein 2	4133
203277_at	0.03753212	-0.20207321	DFFA	DNA fragmentation factor 45 DFF1	1676
208846_s_at	0.15127782	-0.31580595	VDAC3	voltage-dependent anion channel 3	7419
220946_s_at	-0.85140253	0.68694107	SETD2	SET domain containing protein FLJ16420 FLJ	29072
222734_at	-0.13307247	-0.03048145	WARS2	tryptophanyl-tRNA synthetase	10352
65588_at	-0.16683482	0.00369055	LOC388796	hypothetical protein	388796
219011_at	0.39334474	-0.5559263	PLEKHA4	pleckstrin homology domain containing protein 1	57664
239250_at	0	-0.16256702	ZNF542	zinc finger protein DKFZp686B21	147947
1554185_at	-0.06737473	-0.09494392	LOC554206	hypothetical protein MGC39831	554206
221276_s_at	0.00918369	-0.17114461	SYNC	syncoilin, interactor of MGC149625	81493
231767_at	0.21372672	-0.37550341	HOXB4	homeobox B4 HOX-2.6 HOX	3214
218676_s_at	0.10648733	-0.26826007	PCTP	phosphatidylcholine transfer protein 2	58488
204742_s_at	-0.15466791	-0.00661595	PDS5B	PDS5, regulator of APRIN AS3 C	23047
227042_at	-0.16116818	0	YDJC	YdjC homolog MGC133160	150223
201095_at	-0.08830266	-0.07278054	DAP	death-associated protein MGC99796	1611
205046_at	0.15449981	-0.31550489	CENPE	centromere protein KIF10	1062
238440_at	0.13393685	-0.29474109	CLYBL	citrate lyase beta chain bA134O1	171425
215873_x_at	-0.34795226	0.18816627	ABCC10	ATP-binding cassette transporter EST182763 N	89845
201765_s_at	0.08910616	-0.24874394	HEXA	hexosaminidase MGC99608 T	3073
213051_at	0.06897527	-0.22860893	ZC3HAV1	zinc finger protein CC1 DKFZp686F20	56829
214299_at	-0.09349026	-0.06612684	TOP3A	topoisomerase TOP3	7156
200076_s_at	0.02739301	-0.18654149	C19orf50	chromosome 19 open reading frame 50 MG	79036
204401_at	0.04808213	-0.20656581	KCNN4	potassium inward rectifier channel 4 KC	3783
209754_s_at	-0.10024444	-0.05823843	TMPO	thymopoietin MGC11 LAP2	7112
211596_s_at	-0.09728038	-0.06049004	LRIG1	leucine-rich repeat-containing protein 1	26018
219664_s_at	-0.01222573	-0.14553933	DECR2	2,4-dienoyl-CoA synthetase PDCR SDR17C	26063
205248_at	0.00947933	-0.16697	DOPEY2	dopey family protein 2 21orf5 C21orf	9980
1559064_at	0.09066539	-0.24797883	NUP153	nucleoporin 153 kDa HNUP153 N1	9972
213503_x_at	-0.1751781	0.01812652	ANXA2	annexin A2 ANX2 ANX2L2	302
227962_at	-0.28304468	0.12618958	ACOX1	acyl-Coenzyme oxidase 1 MGC11	51
226589_at	-0.22937604	0.07264967	TMEM192	transmembrane protein FLJ38482	201931
206373_at	-0.15590396	-0.00077744	ZIC1	Zic family member ZIC ZNF201	7545
225882_at	-0.31630561	0.15967721	SLC35B4	solute carrier FLJ14697 YEA	84912
209101_at	0	-0.15648227	CTGF	connective tissue growth factor HCS24	1490
208615_s_at	-0.0325185	-0.12301075	PTP4A2	protein tyrosine phosphatase HH13 HH7-2	8073
235577_at	0.15769554	-0.31320372	ZNF652	zinc finger protein DKFZp781E21	22834
214552_s_at	-0.21292943	0.05793461	RABEP1	rabaptin, RAB5 effector RABF	9135
227159_at	-0.23420238	0.07937354	GHDC	GH3 domain containing protein 1 LGP	84514
216125_s_at	0.39709406	-0.55157426	RANBP9	RAN binding protein RANBPM	10048
226757_at	0.25389716	-0.40833852	IFIT2	interferon-inducible protein 2 GARG	3433
1567081_x_at	0.11423754	-0.26861259	CLN6	ceroid-lipofuscinosis protein FLJ20561 HsT	54982
201870_at	0.02303497	-0.17730742	TOMM34	translocase of the outer mitochondrial membrane TC	10953
206667_s_at	0.29196704	-0.44609016	SCAMP1	secretory carrier membrane protein SCAM	9522
238793_at	0.01019146	-0.16399682	TIGD7	tigger transposon Sancho	91151
224927_at	-0.2760569	0.12242767	KIAA1949	KIAA1949 HKMT1098	170954
1569110_x_at	-0.08609255	-0.06735139	LOC728613	programmed cell death protein 1	728613

202718_at	-0.28972905	0.13647761	IGFBP2	insulin-like growth factor binding protein 2	3485
214992_s_at	0.69373109	-0.84680417	DNASE2	deoxyribonuclease 2	1777
221815_at	-0.15304823	0	ABHD2	abhydrolase domain containing 2	11057
209545_s_at	-0.09040716	-0.0613183	RIPK2	receptor-interacting protein kinase 2	8767
225697_at	-0.19957589	0.04810326	CRKRS	Cdc2-related kinase 7	51755
1552390_a_at	0.43589299	-0.587167	C8orf47	chromosome 8 open reading frame 47	203111
202147_s_at	-0.15499125	0.0039052	IFRD1	interferon-related factor 1	3475
204420_at	-0.07580605	-0.07519647	FOSL1	FOS-like antigen 1	8061
227138_at	-0.53449897	0.38384977	CRTAP	cartilage-associated protein	10491
206320_s_at	0	-0.15039743	SMAD9	SMAD family member 9	4093
219142_at	-0.896621	0.74661639	RASL11B	RAS-like, family 11B	65997
216705_s_at	0.35895084	-0.50883973	ADA	adenosine deaminase	100
219703_at	0.1505854	-0.30040234	MNS1	meiosis-specific protein 1	55329
201854_s_at	-0.07186208	-0.07756822	ATMIN	ATM interacting protein	23300
233421_s_at	-0.02873242	-0.12048899	NUP133	nucleoporin 133	55746
220462_at	0	-0.14917918	CSRNP3	cysteine-serine protein 3	80034
236600_at	-0.32418169	0.17526633	SPG20	spastic paraplegia 20	23111
214439_x_at	-0.19421677	0.0453053	BIN1	bridging integrator 1	274
228587_at	-0.59152344	0.44294965	FAM83G	family with sequence similarity 83G	644815
209945_s_at	0.43288927	-0.58134202	GSK3B	glycogen synthase kinase-3 beta	2932
221002_s_at	-0.3263674	0.17803116	TSPAN14	tetraspanin 14	81619
235634_at	-0.19751251	0.04921796	PURG	purine-rich element	29942
229281_at	0	-0.14819135	NPAS3	neuronal PAS domain protein 3	64067
219696_at	-0.49279435	0.34464998	DENND1B	DENN/MADD domain containing 1B	163486
208677_s_at	0.06908074	-0.21641698	BSG	basigin	682
212248_at	-0.33657294	0.18939082	MTDH	metadherin	92140
218251_at	0.09016161	-0.23609878	MID1IP1	MID1 interacting protein 1	58526
213338_at	-0.14502419	0	TMEM158	transmembrane protein 158	25907
213435_at	-0.26329418	0.11872629	SATB2	SATB homeobox protein 2	23314
226482_s_at	-0.14449237	0	hCG_20857	NA	NA
227276_at	-0.18929565	0.04490207	PLXDC2	plexin domain containing 2	84898
202615_at	-0.2849757	0.14064609	GNAQ	guanine nucleotide-binding protein G-ALPHA-q	2776
210002_at	-0.03295357	-0.11126123	GATA6	GATA binding protein 6	2627
204129_at	-0.27575557	0.13207677	BCL9	B-cell CLL/lymphoma 9	607
221506_s_at	-0.12936203	-0.01382975	TNPO2	transportin 2	30000
229638_at	0.03036047	-0.17340884	IRX3	iroquois homeobox protein 3	79191
203167_at	-0.03837405	-0.10463116	TIMP2	TIMP metalloproteinase 2	7077
228438_at	-0.02314371	-0.11964783	LOC10013289	hypothetical protein	100132891
211061_s_at	-0.02376151	-0.1189331	MGAT2	mannosyl (alpha)-glucosyltransferase 2	4247
209472_at	0.25794795	-0.40016906	CCBL2	cysteine conjugate beta-lactamase 2	56267
226261_at	0.27280474	-0.4150192	ZNRF2	zinc and ring finger protein 2	223082
1558080_s_at	0.79005524	-0.93215551	DNAJC3	DnaJ (Hsp40) domain containing 3	5611
225163_at	-0.10409077	-0.03746494	FRMD4A	FERM domain containing 4A	55691
223618_at	-0.36244538	0.22106481	FMN2	formin 2	56776
223487_x_at	-0.13117056	-0.00971537	GNB4	guanine nucleotide-binding protein G-13	59345
219955_at	-0.59364333	0.45293567	L1TD1	LINE-1 type 1 transposon terminal direct repeat 1	54596
243539_at	-0.24039005	0.09977391	KIAA1841	KIAA1841	84542
210543_s_at	-0.13245785	-0.0080377	PRKDC	protein kinase DNA-PKcs	5591

64899_at	-0.4702947	0.32991684	LPPR2	lipid phosphat	DKFZp761E11	64748
238346_s_at	-0.20498316	0.06466687	TGS1	trimethylguan	DKFZp762A16	96764
236029_at	-0.3746959	0.23459108	FAT3	FAT tumor sup	CDHF15 KIAA	120114
206765_at	0.02118988	-0.16071744	KCNJ2	potassium ion	HHBIRK1 HHI	3759
201992_s_at	-0.1185761	-0.02067805	KIF5B	kinesin family	KINH KNS KN	3799
207348_s_at	0.41195306	-0.55119268	LIG3	ligase III, DNA	LIG2	3980
213096_at	-0.23892984	0.09984451	TMCC2	transmembran	FLJ38497 HU	9911
212134_at	-0.08342934	-0.05531381	PHLDB1	pleckstrin hon	DKFZp686H03	23187
215698_at	-0.46223416	0.32384099	KDM5A	lysine (K)-spec	JARID1A RBBI	5927
205204_at	0.16622282	-0.30443202	NMB	neuromedin	BMGC17211 M	4828
223177_at	0.31134521	-0.44946084	NT5DC1	5'-nucleotidas	C6orf200 LP2	221294
219557_s_at	-0.12550541	-0.01252487	NRIP3	nuclear receptor	C11orf14 NY-	56675
236250_at	-0.36292707	0.22628766	AFG3L1	AFG3 ATPase	AFG3 FLJ452C	172
223474_at	-0.01519842	-0.12103467	C14orf4	chromosome	EAP1 IRF2BP1	64207
203413_at	-0.26077931	0.12560405	NELL2	NEL-like 2 (chi	NRP2	4753
203240_at	-0.3382793	0.20368701	FCGBP	Fc fragment o	FC(GAMMA)B	8857
222799_at	-0.03545141	-0.09892264	WDR91	WD repeat do	HSPC049	29062
208781_x_at	0.19221568	-0.32630239	SNX3	sorting nexin	Grd19 MCOP	8724
1559822_s_at	-0.02641777	-0.10709461	LOC644215	hypothetical L	-	644215
210188_at	0.16890483	-0.30229813	GABPA	GA binding pr	E4TF1-60 E4T	2551
207233_s_at	0.40617416	-0.53935966	MITF	microphthalm	MI WS2A bH	4286
202631_s_at	0.13733181	-0.26990307	APPBP2	amyloid beta	HS.84084 KIA	10513
202496_at	-0.16772546	0.0354746	EDC4	enhancer of r	Ge-1 HEDLS I	23644
222279_at	0.38802791	-0.52001666	RP3-377H14.5	hypothetical L	FLJ35429 LOC	285830
1553683_s_at	0	-0.13132103	FBXL14	F-box and leuc	Fbl14 MGC40	144699
207776_s_at	-0.09938531	-0.0318521	CACNB2	calcium chanr	CACNLB2 CA	783
213110_s_at	0	-0.13113606	COL4A5	collagen, type	ASLN ATS CA	1287
206506_s_at	0.3906598	-0.52156098	SUPT3H	suppressor of	SPT3 SPT3L	8464
203212_s_at	-0.2906171	0.16025791	MTMR2	myotubularin	CMT4B CMT4	8898
205364_at	0.0213794	-0.1512478	ACOX2	acyl-Coenzym	BCOX BRCAC	8309
225564_at	0.14962225	-0.27930457	SPATA13	spermatogene	ASEF2 FLJ312	221178
221006_s_at	-0.2495609	0.11998823	SNX27	sorting nexin	KIAA0488 MC	81609
1555193_a_at	0.53703128	-0.66659558	ZNF277	zinc finger pr	c NRIF4 ZNF27	11179
219091_s_at	0.22161331	-0.35075805	MMRN2	multimerin 2	EMILIN3 End	79812
210001_s_at	-0.29731852	0.16820757	SOCS1	suppressor of	CIS1 CISH1 J	8651
209209_s_at	-0.23711104	0.10839635	FERMT2	fermitin famil	DKFZp686G11	10979
220956_s_at	-0.022979	-0.10562813	EGLN2	egl nine hom	c DKFZp434E02	112398
1556804_s_at	0.03676887	-0.16426759	POLR3B	polymerase (F	C128 DKFZp6	55703
220952_s_at	-0.16233781	0.03513362	PLEKHA5	pleckstrin hon	FLJ10667 FLJ	54477
238504_at	0.66978912	-0.79653427	C6orf57	chromosome	MGC104225	135154
213131_at	-0.48888096	0.36227383	OLFM1	olfactomedin	AMY NOE1 N	10439
219271_at	-0.12643218	0	GALNT14	UDP-N-acetyl	- FLJ12691 FLJ	79623
201279_s_at	-0.00723154	-0.11885343	DAB2	disabled hom	c DOC-2 DOC2	1601
232352_at	-0.05310092	-0.07283475	ISL2	ISL LIM home	c FLJ10160	64843
212816_s_at	-0.22823939	0.10237118	CBS	cystathionine	- HIP4	875
1552368_at	-0.1258014	0	CTCFL	CCCTC-bindin	g BORIS CT27 C	140690
1552792_at	0.48047123	-0.60600309	SOCS4	suppressor of	DKFZp686J15	122809
218176_at	0.36521522	-0.48950486	MAGEF1	melanoma an	MGC19617	64110

223734_at	0.08152825	-0.20458249	C4orf49	chromosome MGC125827	84709
209909_s_at	0	-0.12299809	TGFB2	transforming  MGC116892	7042
219252_s_at	0	-0.12200443	GEMIN8	gem (nuclear  FAM51A1 FLJ	54960
1556770_a_at	-0.08194277	-0.03999385	FBXL13	F-box and leuc FLJ38068 Fbl:	222235
202060_at	-0.24339353	0.12232097	CTR9	Ctr9, Paf1/RN. KIAA0155 SH:	9646
223610_at	0.22613196	-0.34715664	SEMA5B	sema domain, FLJ10372 KIA.	54437
218102_at	-0.12851625	0.00777285	DERA	2-deoxyribose CGI-26 DEOC	51071
1553613_s_at	-0.11962695	0	FOXC1	forkhead box ARA FKHL7 F	2296
1553177_at	0.11891769	-0.23847998	SH2D1B	SH2 domain c EAT2	117157
232015_at	0.07479245	-0.19429322	FAM59B	family with se FLJ00375 KIA.	150946
207305_s_at	-0.01322628	-0.10606628	KIAA1012	KIAA1012 HsT2706 MG	22878
1558668_s_at	0.01836341	-0.13737483	SPATA22	spermatogenε NYD-SP20	84690
225089_at	-0.19891033	0.08015789	USP40	ubiquitin spec FLJ10785 FLJ	55230
207128_s_at	-0.01923221	-0.099389	ZNF223	zinc finger prc -	7766
242931_at	0.23459723	-0.35279965	LONRF3	LON peptidasε FLJ22612 MG	79836
206578_at	-0.11449396	-0.00331503	NKX2-5	NK2 transcrip CHNG5 CSX C	1482
229986_at	0.01825299	-0.13581206	ZNF717	zinc finger prc FLJ41782 X17	100131827
223265_at	-0.06498714	-0.05056503	SH3BP5L	SH3-binding d FLJ33845 KIA.	80851
218909_at	-0.14265972	0.02736279	RPS6KC1	ribosomal pro RPK118 humε	26750
202756_s_at	-0.32603395	0.21080875	GPC1	glypican 1 FLJ38078 glyf	2817
214726_x_at	0.10608264	-0.22026221	ADD1	adducin 1 (alp ADDA MGC3ε	118
222624_s_at	-0.20653548	0.09247716	ZNF639	zinc finger prc 62304000 18F	51193
222410_s_at	-0.17529865	0.06184645	SNX6	sorting nexin (MGC3157 Mε	58533
206558_at	-0.44980682	0.33636138	SIM2	single-minded MGC119447 :	6493
225946_at	-0.33085478	0.21756355	RASSF8	Ras associatio C12orf2 DKF2	11228
1554360_at	-0.36111599	0.24838572	FCHSD2	FCH and doub KIAA0769 NM	9873
206175_x_at	-0.04723641	-0.06486191	ZNF222	zinc finger prc -	7673
222925_at	-0.24830455	0.13631501	DCDC2	doublecortin ε DCDC2A RU2	51473
215399_s_at	0.08889821	-0.20060174	OS9	osteosarcoma ERLEC2 OS-9	10956
227292_at	0.0026873	-0.11403798	C11orf84	chromosome DKFZp762N01	144097
204963_at	-0.14600223	0.03534602	SSPN	sarcospan (Kr: DAGA5 KRAG	8082
211077_s_at	-0.26586043	0.15553637	TLK1	tousled-like ki KIAA0137 PKI	9874
224626_at	-0.4511365	0.34103914	SLC35A4	solute carrier MGC2541	113829
225108_at	-0.70487562	0.59527483	AGPS	alkylglycerone ADAP-S ADAS	8540
205770_at	0.32343723	-0.4324128	GSR	glutathione re MGC78522	2936
220985_s_at	0.18402902	-0.29287044	RNF170	ring finger prc DKFZp564A02	81790
209764_at	-0.12009801	0.01220081	MGAT3	mannosyl (bet FLJ43371 GN	4248
205398_s_at	-0.18021358	0.07265579	SMAD3	SMAD family  DKFZp586N07	4088
213482_at	-0.20022416	0.0928448	DOCK3	dedicator of c KIAA0299 MC	1795
225627_s_at	-0.36264904	0.25546962	CACHD1	cache domain KIAA1573 RP:	57685
217427_s_at	-0.32993448	0.22356863	HIRA	HIR histone cε DGCR1 TUP1	7290
218401_s_at	-0.01520702	-0.0911444	ZNF281	zinc finger prc FLJ12859 FLJ:	23528
204463_s_at	-0.0618217	-0.04337312	EDNRA	endothelin re ETA ETAR ET	1909
219144_at	0.08303223	-0.18813671	DUSP26	dual specificit' DUSP24 LDP-	78986
210023_s_at	-0.0995027	-0.00513989	PCGF1	polycomb gro 2010002K04R	84759
206123_at	-0.23418	0.12971568	LLGL1	lethal giant lai DLG4 HUGL f	3996
222816_s_at	-0.15609474	0.05197383	ZCCHC2	zinc finger, CC DKFZp451A18	54877
202017_at	0.24336059	-0.34722892	EPHX1	epoxide hydrc EPHX EPOX M	2052



204324_s_at	-0.07653455	-0.02721822	GOLIM4	golgi integral r GIMPC GOLPI	27333
201020_at	-0.2626712	0.15904143	YWHAH	tyrosine 3-mo YWHA1	7533
232090_at	-0.77883852	0.67542493	LOC10012817	similar to hCG-	100128178
231950_at	-0.36719964	0.26402294	ZNF658	zinc finger prc DKFZp572C16	26149
204958_at	-0.05211311	-0.0509426	PLK3	polo-like kinase CNK FNK PRK	1263
205266_at	-0.11429575	0.01164879	LIF	leukemia inhibi CDF DIA HILL	3976
225365_at	-0.25006453	0.14745102	ZDHHC20	zinc finger, D FLJ25952 MG	253832
238012_at	0.16014845	-0.26230436	DPP7	dipeptidyl-peř DPP2 DPPII C	29952
203731_s_at	0.00293249	-0.10487953	ZKSCAN5	zinc finger wit FLJ39233 KIA	23660
219185_at	0.27082079	-0.3724949	SIRT5	sirtuin (silent r FLJ36950 SIR	23408
226101_at	-0.02165108	-0.07990703	PRKCE	protein kinase MGC125656	5581
230090_at	0	-0.10152495	GDNF	glial cell derivi ATF1 ATF2 H	2668
242764_at	0	-0.10148776	DCHS2	dachsous 2 (D CDH27 CDHJ	54798
226875_at	0.71577653	-0.81687803	DOCK11	dedicator of c ACG FLJ3212	139818
214120_at	0.02375364	-0.12457539	RFPL1S	RFPL1 antisen NCRNA00006	10740
213328_at	0.13408603	-0.23474123	NEK1	NIMA (never i DKFZp686D06	4750
217826_s_at	-0.13625446	0.0360631	UBE2J1	ubiquitin-conj CGI-76 HSPC1	51465
235766_x_at	-0.05682012	-0.04334632	RAB27A	RAB27A, memr GS2 HsT1867	5873
214173_x_at	-0.05350042	-0.04639592	C19orf2	chromosome FLJ10575 NN	8725
202929_s_at	0.04933735	-0.14920997	DDT	D-dopachrom DDC	1652
212512_s_at	-0.26685265	0.16725447	CARM1	coactivator-as PRMT4	10498
218705_s_at	-0.11118713	0.01185521	SNX24	sorting nexin r PRO1284 SBE	28966
219345_at	0.13496621	-0.23340628	BOLA1	bolA homolog CGI-143 MGC	51027
238912_x_at	-0.22713015	0.12902399	C9orf85	chromosome MGC61599	138241
201438_at	-0.10040545	0.00262372	COL6A3	collagen, type DKFZp686D23	1293
210822_at	-0.09764273	0	RPL13P5	ribosomal pro RPL13-2 RPL1	283345
206121_at	0.18833097	-0.28596646	AMPD1	adenosine mo MAD MADA	270
206683_at	-0.27594727	0.17859083	ZNF165	zinc finger prc CT53 LD65 Z	7718
228493_at	0.37908058	-0.47554031	NKAP	NFKB activatir FLJ22626	79576
208874_x_at	-0.11969458	0.02338839	PPP2R4	protein phosp MGC2184 PP	5524
1554795_a_at	-0.36725431	0.27117259	FBLIM1	filamin bindin; CAL DKFZp43	54751
203570_at	-0.48318217	0.38736486	LOXL1	lysyl oxidase-l LOL LOXL	4016
218215_s_at	-0.31070778	0.21502751	NR1H2	nuclear recepti LXR-b LXRb N	7376
225142_at	0	-0.09561223	JHDM1D	jumonji C donr KIAA1718	80853
222108_at	0	-0.09554284	AMIGO2	adhesion molr ALI1 DEGA	347902
219923_at	-0.14562326	0.05020181	TRIM45	tripartite mot FLJ13181 RNF	80263
223601_at	-0.3865293	0.2913012	OLFM2	olfactomedin NOE2 NOELIN	93145
235012_at	0.19106945	-0.28614918	LRCH1	leucine-rich re CHDC1 FLJ41	23143
213916_at	0.26432231	-0.35936506	ZNF20	zinc finger prc FLJ39241 KO	7568
224461_s_at	-0.45636101	0.36155543	AIFM2	apoptosis-indi AMID PRG3 f	84883
1554804_a_at	0.07268088	-0.16680724	CLDN19	claudin 19 -	149461
227370_at	0.53965955	-0.63301202	FAM171B	family with se FLJ34104 KIA	165215
214106_s_at	-0.24671019	0.15354419	GMDS	GDP-mannose GMD SDR3E1	2762
222238_s_at	-0.110609	0.0178645	POLM	polymerase (L FLJ35482 Tdt	27434
223672_at	-0.04905348	-0.04368134	SGIP1	SH3-domain C DKFZp686A16	84251
209395_at	0.32513108	-0.41781359	CHI3L1	chitinase 3-lik ASRT7 DKFZp	1116
220251_at	-0.5682045	0.47563857	C1orf107	chromosome DEF DJ434O1	27042
228100_at	-0.00352429	-0.08903846	C1orf88	chromosome FLJ23853 MG	128344

218747_s_at	-0.09064269	-0.00177035	TAPBPL	TAP binding p	FLJ10143 TAF	55080
220363_s_at	-0.03254135	-0.05962888	ELMO2	engulfment ar	CED-12 CED1	63916
213591_at	-0.13722502	0.04510061	ALDH7A1	aldehyde deh	ATQ1 EPD FL	501
204451_at	-0.02932855	-0.06232492	FZD1	frizzled homol	DKFZp564G07	8321
204672_s_at	-0.22875495	0.13712801	ANKRD6	ankyrin repea	DIVERSIN	22881
201940_at	0.3590972	-0.45048003	CPD	carboxypeptic	GP180	1362
226093_at	0.30396077	-0.39490539	DCP1B	DCP1 decappi	DCP1 hDcp1b	196513
229376_at	-0.28155762	0.190828	PROX1	prospero hom-		5629
222578_s_at	0.09803803	-0.18867125	UBA5	ubiquitin-like	FLJ17281 FLJ	79876
215427_s_at	0.36387435	-0.45371088	ZCCHC14	zinc finger, CC	BDG-29 BDG2	23174
230151_at	0.23571927	-0.32553814	C13orf1	chromosome	CLLD6	57213
232065_x_at	-0.00760273	-0.08169076	CENPL	centromere p	C1orf155 CEN	91687
224724_at	1.00288009	-1.09208561	SULF2	sulfatase 2	DKFZp313E09	55959
227038_at	0	-0.08858609	SGMS2	sphingomyelir	MGC26963 SI	166929
228770_at	-0.39224786	0.30402097	GPR146	G protein-cou	PGR8	115330
212613_at	0.35540135	-0.44354696	BTN3A2	butyrophilin, s	BT3.2 BT3.3	11118
201702_s_at	-0.05950195	-0.02824666	PPP1R10	protein phosp	CAT53 FB19	5514
221558_s_at	-0.08727274	0	LEF1	lymphoid enh	DKFZp586H09	51176
226225_at	-0.08300771	-0.00400922	MCC	mutated in co	DKFZp762O16	4163
202607_at	-0.54473001	0.45826107	NDST1	N-deacetylase	HSST NST1	3340
238149_at	0	-0.08598197	ZNF818P	zinc finger prc	FLJ46385 ZNF	390963
218363_at	0.0228058	-0.10836938	EXD2	exonuclease 3	C14orf114 Dh	55218
1561759_at	0.64535842	-0.72989071	LOC645513	hypothetical L-		645513
221555_x_at	-0.31822852	0.23382363	CDC14B	CDC14 cell div	CDC14B3 Cdc	8555
232057_at	0.16435092	-0.24863512	SLC7A6OS	solute carrier	FLJ13291	84138
210665_at	0.23575469	-0.31988171	TFPI	tissue factor p	EPI LACI TFI	7035
1552362_a_at	0.27308514	-0.35720785	LEAP2	liver expresse	LEAP-2	116842
207522_s_at	-0.03375543	-0.05034259	ATP2A3	ATPase, Ca++	SERCA3	489
212071_s_at	-0.31559277	0.23173496	SPTBN1	spectrin, beta	ELF SPTB2 be	6711
225551_at	-0.12395187	0.0401098	CNST	consortin, cor	C1orf71 FLJ3:	163882
203485_at	-0.08315196	0	RTN1	reticulon 1	MGC133250	6252
221808_at	0.24101235	-0.32355454	RAB9A	RAB9A, memt	RAB9	9367
212862_at	-0.04965211	-0.03283689	CDS2	CDP-diacylgly	FLJ38111	8760
232398_at	0.01459492	-0.09619291	CCDC150	coiled-coil dor	DKFZp434P05	284992
1553436_at	-0.09182761	0.01161695	MUC19	mucin 19, olig	FLJ35746	283463
212505_s_at	0.05739253	-0.13688954	KIAA0892	KIAA0892	MAU2L MGC:	23383
1554052_at	-0.07459195	-0.00425939	CNOT1	CCR4-NOT tra	AD-005 CDC3	23019
202738_s_at	0.15325582	-0.23204968	PHKB	phosphorylas	DKFZp781E15	5257
1554689_a_at	0.33674433	-0.41547513	NLGN4X	neuroligin 4, X	ASPGX2 AUT:	57502
208141_s_at	-0.23117599	0.15292075	DOHH	deoxyhypusin	HLRC1 MGC4	83475
206299_at	-0.17177005	0.09422937	FAM155B	family with se	CXorf63 TED	27112
243483_at	0.54538037	-0.62274971	TRPM8	transient rece	LTRPC6 MGC:	79054
226927_at	0.04714619	-0.12422674	C12orf73	chromosome	DKFZp547P05	728568
238833_at	-0.30957014	0.23286406	LOC729088	hypothetical p-		729088
231778_at	-0.07667174	0	DLX3	distal-less hor	AI4 TDO	1747
1554151_at	-0.74657059	0.66997371	OGDH	oxoglutarate	(AKGDH E1k C	4967
214097_at	0.22484692	-0.30084393	RPS21	ribosomal pro-		6227
203397_s_at	-0.07914281	0.00331303	GALNT3	UDP-N-acetyl-	DKFZp686C10	2591

236634_at	-0.06705273	-0.00835049	C8orf48	chromosome FLJ25402	157773
229622_at	0.03202984	-0.10742132	FAM132B	family with se FLJ37034	151176
209626_s_at	0.01005569	-0.08440659	OSBPL3	oxysterol bind DKFZp667P15	26031
200894_s_at	0.14760605	-0.2219486	FKBP4	FK506 binding FKBP52 FKBP	2288
221731_x_at	0	-0.07381858	VCAN	versican CSPG2 DKFZp	1462
214283_at	-0.19723737	0.12356053	IFT20	intraflagellar t-	90410
225862_at	0.33450958	-0.40817163	SLC25A26	solute carrier DKFZp434E07	115286
204462_s_at	-0.1376736	0.06457377	SLC16A2	solute carrier AHDS DXS128	6567
218623_at	-0.07260447	0	HMP19	HMP19 protei-	51617
202440_s_at	-0.39941182	0.32717051	ST5	suppression o DENND2B HT	6764
225524_at	-0.03966886	-0.03246183	ANTXR2	anthrax toxin CMG-2 CMG2	118429
231271_x_at	-0.12801028	0.05693029	NMRAL1	NmrA-like fam FLJ25918 HSC	57407
204205_at	0.02549731	-0.09647752	APOBEC3G	apolipoprotein ARP9 CEM15	60489
201605_x_at	-0.33733571	0.26700815	CNN2	calponin 2 -	1265
1558173_a_at	-0.01907261	-0.05079437	LUZP1	leucine zipper FLJ35697 KIA	7798
225421_at	-0.19345038	0.12411901	PM20D2	peptidase M2 ACY1L2 bA63	135293
200852_x_at	-0.05931614	-0.00969248	GNB2	guanine nucle -	2783
205453_at	0.35122172	-0.42000052	HOXB2	homeobox B2 HOX2 HOX2H	3212
220486_x_at	-0.12294622	0.05447477	TMEM164	transmembran FLJ20173 FLJ	84187
202200_s_at	-0.24884874	0.18052408	SRPK1	SFRS protein k SFRSK1	6732
223755_at	-0.0424624	-0.02528698	KIRREL2	kin of IRRE like DKFZp564A11	84063
208900_s_at	-0.17373238	0.105993	TOP1	topoisomeras TOPI	7150
206864_s_at	-0.45692391	0.38960075	HRK	harakiri, BCL2 DP5 HARAKIR	8739
209127_s_at	0.12864903	-0.19582822	SART3	squamous cell DSAP1 KIAA0	9733
203385_at	0	-0.06713268	DGKA	diacylglycerol DAGK DAGK1	1606
215505_s_at	-4.44E-16	-0.06639038	STRN3	striatin, calmc SG2NA	29966
211085_s_at	-0.16582528	0.09998721	STK4	serine/threon DKFZp686A20	6789
236632_at	-0.06576423	0	LOC646576	hypothetical L -	646576
219504_s_at	-0.5532529	0.48792662	RPAP2	RNA polymer; C1orf82 FLJ1	79871
44563_at	0.13070445	-0.19545529	WRAP53	WD repeat co FLJ10385 TCA	55135
223231_at	0.04045909	-0.10461437	TATDN1	TatD DNase d; CDA11 FLJ43	83940
1557532_at	-0.04249358	-0.02120227	NDUFA7	NADH dehydr B14.5a	4701
1552426_a_at	0.14762964	-0.21100849	TM2D3	TM2 domain c BLP2	80213
213865_at	0	-0.0629366	DCBLD2	discoidin, CUB CLCP1 ESDN	131566
222835_at	-0.05714497	-0.00547429	THSD4	thrombospon; ADAMTSL6 FI	79875
218499_at	-0.00762671	-0.05477027	RP6-213H19.1	serine/threon MASK MST4	51765
202181_at	-0.1593831	0.09710305	KIAA0247	KIAA0247 -	9766
216607_s_at	0.22278564	-0.28475633	CYP51A1	cytochrome P CP51 CYP51	1595
220159_at	-0.3501341	0.28833212	ABCA11P	ATP-binding c; ABCA11 EST1	79963
227152_at	-0.02504945	-0.03639144	C12orf35	chromosome FLJ10652 FLJ	55196
222392_x_at	0.04730297	-0.10813046	PERP	PERP, TP53 a; KCP1 KRTCAP	64065
219542_at	-0.77292618	0.71359181	NEK11	NIMA (never i FLJ23495	79858
215190_at	-0.50630863	0.44705038	EIF3M	eukaryotic tra B5 FLJ29030	10480
223898_at	0.29049725	-0.349053	ZNF670	zinc finger prc FLJ12606 MG	93474
218130_at	-0.23448901	0.17605769	C17orf62	chromosome FLJ00406 FLJ	79415
206194_at	-0.47075453	0.41266241	HOXC6	homeobox C6 CP25 HHO.C8	3223
204062_s_at	-0.52619442	0.46818455	ULK2	unc-51-like kir KIAA0623 Un	9706
228584_at	-0.0895039	0.03212715	SGCB	sarcoglycan, bA3b LGMD2E	6443

238018_at	-0.07814579	0.02094093	FAM150B	family with se	PRO1097 RGF	285016
220002_at	-0.09495545	0.03876495	KIF26B	kinesin family	FLJ10157 MG	55083
223493_at	-0.4178551	0.36176589	FBXO4	F-box protein	DKFZp547N21	26272
213998_s_at	0.23715832	-0.29300501	DDX17	DEAD (Asp-Glu)	DKFZp761H20	10521
212353_at	-0.14916417	0.09332319	SULF1	sulfatase 1	FLJ30905 FLJ3	23213
209982_s_at	-0.07681655	0.02131925	NRXN2	neurexin 2	FLJ40892 KIAA	9379
213135_at	0	-0.05506963	TIAM1	T-cell lympho	FLJ36302	7074
200931_s_at	-0.49347448	0.4387096	VCL	vinculin	CMD1W MVC	7414
214369_s_at	-0.7864618	0.7317982	RASGRP2	RAS guanyl re	CALDAG-GEFI	10235
226918_at	-0.08835202	0.03372345	JPH4	junctionophilin 4	FLJ34253 JP4	84502
1558527_at	-0.05684397	0.00283029	LOC10013270	hypothetical L	FLJ18763 FLJ3	100132707
235453_at	-0.17050807	0.11652799	TOR1AIP2	torsin A intera	FLJ77012 IFR1	163590
212876_at	0.05179616	-0.10553005	B4GALT4	UDP-Gal:beta	B4Gal-T4 bet	8702
212906_at	-0.11908639	0.06592349	GRAMD1B	GRAM domain	KIAA1201 MG	57476
242776_at	0	-0.05269883	ZCCHC6	zinc finger, CC	DKFZp666B14	79670
230522_s_at	0.37123301	-0.42384205	C9orf100	chromosome	FLJ14642 MG	84904
219713_at	-0.16918091	0.11738375	SHPK	sedoheptulok	CARKL FLJ324	23729
1569107_s_at	-0.11985465	0.06826654	ZNF642	zinc finger prc	FLJ16030 RP1	339559
203855_at	0.13216868	-0.18335399	WDR47	WD repeat do	FLJ90135 KIAA	22911
1553485_at	0.3814247	-0.43230439	CCDC140	coiled-coil dor	FLJ32447 MG	151278
1552946_at	-0.16296605	0.11257484	ZNF114	zinc finger prc	MGC149700	163071
235625_at	-0.00622996	-0.04299662	VPS41	vacuolar prot	HVPS41 HVSF	27072
200700_s_at	0.33808821	-0.38730797	KDEL2	KDEL (Lys-Asp	ELP-1 ERD2.2	11014
241596_at	-0.0708696	0.02220493	NUDT10	nudix (nucleo	:APS2 DIPP3a	170685
213712_at	-0.18479891	0.13625481	ELOVL2	elongation of	FLJ20334 SSC	54898
228087_at	0.05963394	-0.10813356	CCDC126	coiled-coil dor	FLJ23031 MG	90693
214053_at	-0.00553562	-0.04291157	ERBB4	v-erb-a erythr	HER4 MGC13	2066
208504_x_at	-0.12944577	0.08108872	PCDHB11	protocadherin	ME2 MGC138	56125
219869_s_at	0.14011776	-0.18845639	SLC39A8	solute carrier	BIGM103 LZT	64116
200743_s_at	0.15618774	-0.20421877	TPP1	tripeptidyl pe	CLN2 GIG1 LI	1200
207144_s_at	-0.04779586	0	CITED1	Cbp/p300-int	MSG1	4435
212993_at	-0.34608946	0.29835339	NACC2	NACC family n	BEND9 BTBD:	138151
227300_at	-0.04749049	0	TMEM119	transmembran		338773
222347_at	0.13995117	-0.18712396	LOC644450	hypothetical p		644450
244183_x_at	0	-0.0471471	PCDHB3	protocadherin	PCDH-BETA3	56132
203458_at	-0.34620375	0.29939327	SPR	sepiapterin re	SDR38C1	6697
1553530_a_at	-0.010345	-0.03620915	ITGB1	integrin, beta	CD29 FNRB C	3688
209302_at	0.00052099	-0.04651954	POLR2H	polymerase (F	RPABC3 RPB1	5437
229674_at	-0.66213513	0.61627336	SERTAD4	SERTA domain	DJ667H12.2	56256
1554822_at	0	-0.04558936	PHTF2	putative hom	DKFZp564F01	57157
229099_at	-0.01480052	-0.03054911	C11orf83	chromosome	CCDS41658.1	790955
206272_at	-0.02075976	-0.02448127	SPHAR	S-phase respo	MGC88280 R	10638
207566_at	0.97270935	-1.01783286	MR1	major histoco	HLALS	3140
205902_at	-0.04506664	0	KCNN3	potassium int	KCa2.3 SK3 S	3782
226463_at	-0.18986448	0.14483626	ATP6V1C1	ATPase, H+ tr	:ATP6C ATP6C	528
210052_s_at	0.12845579	-0.17335801	TPX2	TPX2, microtu	C20orf1 C20c	22974
215389_s_at	-0.04220314	-0.00251193	TNNT2	troponin T ty	:CMH2 CMPD:	7139
202923_s_at	0.12175812	-0.1659845	GCLC	glutamate-cys	GCL GCS GLC	2729

232366_at	0.02972153	-0.07379438	KIAA0232	KIAA0232	-	9778
227835_at	0.07186316	-0.11592977	LOC10013218	NA	NA	NA
239221_at	0.35854036	-0.4021338	GPR123	G protein-cou	FLJ25875 FLJ2	84435
213506_at	-0.08571266	0.04229415	F2RL1	coagulation fa	GPR11 PAR2	2150
242217_s_at	-0.08705811	0.04375006	FBRS	fibrosin	FBS FBS1 FLJ2	64319
237905_at	0.36913485	-0.41230798	KRT25	keratin 25	KRT25A	147183
205817_at	-0.50616594	0.46356949	SIX1	SIX homeobox	BOS3 DFNA2	6495
1554447_at	-0.73640275	0.69398934	LOC554203	alanyl-tRNA sy-		554203
218272_at	0.09373041	-0.13598317	TTC38	tetratricopept	FLJ20699	55020
204469_at	0	-0.04215186	PTPRZ1	protein tyrosin	HPTPZ HPTPz	5803
212350_at	-0.293589	0.25159142	TBC1D1	TBC1 (tre-2/U	KIAA1108 TBC1	23216
209757_s_at	0.17898801	-0.2199973	MYCN	v-myc myeloc	MODED N-myc	4613
223634_at	0.10961407	-0.1505338	RASD2	RASD family, r	MGC:4834 RF	23551
204937_s_at	-0.1675068	0.12741818	ZNF274	zinc finger prc	DKFZp686K08	10782
226850_at	-0.08285428	0.04341058	SUMF1	sulfatase mod	AAPA3037 FC	285362
236967_at	-0.03885006	-1.11E-05	LOC645249	hypothetical p-		645249
224753_at	-0.01916073	-0.01959356	CDC45	cell division cy	MGC16386 Si	113130
219751_at	0	-0.03857418	SETD6	SET domain cc	FLJ21148	79918
204872_at	-0.03834731	0	TLE4	transducin-like	BCE-1 BCE1 E	7091
205234_at	-0.00800764	-0.02989785	SLC16A4	solute carrier	MCT4 MCT5	9122
222834_s_at	0	-0.0375394	GNG12	guanine nucle	FLJ31352 FLJ3	55970
222620_s_at	0.29855219	-0.33571602	DNAJC1	DnaJ (Hsp40)	DNAJL1 ERdj1	64215
204472_at	-0.10939007	0.07244794	GEM	GTP binding p	KIR MGC2625	2669
202763_at	-0.10276349	0.06597821	CASP3	caspase 3, apc	CPP32 CPP32	836
206067_s_at	-0.03533669	-0.00120614	WT1	Wilms tumor	AWT1 GUD V	7490
210740_s_at	-0.37889859	0.3427426	ITPK1	inositol 1,3,4-	ITRPK1	3705
203038_at	0.1958064	-0.23187569	PTPRK	protein tyrosin	DKFZp686C22	5796
201641_at	0.2275883	-0.26361356	BST2	bone marrow	CD317	684
1566558_x_at	-0.13021895	0.09485816	FLJ90757	hypothetical L	FLJ14444 FLJ3	440465
225415_at	0	-0.0350218	DTX3L	deltex 3-like	(IBBAP	151636
204824_at	0.49327757	-0.52794935	ENDOG	endonuclease	FLJ27463	2021
215407_s_at	0.50233421	-0.53691103	ASTN2	astrotactin 2	KIAA0634 bAl	23245
217766_s_at	-0.37288844	0.33847156	TMEM50A	transmembran	IFNRC RP11-3	23585
205924_at	0.04839492	-0.08214329	RAB3B	RAB3B, memt-		5865
244653_at	-0.23995326	0.20625831	SETD7	SET domain cc	FLJ21193 KIA	80854
216855_s_at	-0.01911699	-0.01450222	HNRNPU	heterogeneous	HNRPU SAF-A	3192
1555450_a_at	0.13629328	-0.16984371	NARG1L	NMDA recept	MGC40612	79612
205139_s_at	-0.01305432	-0.02046173	UST	uronyl-2-sulfo	2OST	10090
222156_x_at	0.87226548	-0.90511841	CCPG1	cell cycle prog	CPR8 KIAA121	9236
203975_s_at	-0.36963977	0.33698746	CHAF1A	chromatin ass	CAF-1 CAF1 C	10036
206068_s_at	-0.03151959	0	ACADL	acyl-Coenzym	ACAD4 FLJ941	33
223595_at	0	-0.03113558	TMEM133	transmembran	AD031 MGC1	83935
1553605_a_at	0.03112388	-0.06223934	ABCA13	ATP-binding c	DKFZp313D24	154664
235024_at	0.17716093	-0.20818093	PHF17	PHD finger prc	FLJ22479 JAD	79960
219263_at	-0.0287233	-0.00225938	RNF128	ring finger prc	FLJ23516 GR/	79589
203335_at	-0.02490413	-0.0056655	PHYH	phytanoyl-Co/	LN1 LNAP1 P	5264
202013_s_at	0.095909	-0.12623327	EXT2	exostoses (m	SOTV	2132
235044_at	0.17822178	-0.2084512	CYYR1	cysteine/tyros	C21orf95	116159

230861_at	-0.02999577	0	DKFZP434L18	hypothetical L-	26082	
1554003_at	-0.0359599	0.00612409	RGNEF	Rho-guanine r	DKFZp686P12	64283
1554520_at	0.47581528	-0.50544809	LOC283861	hypothetical l-	283861	
203718_at	-0.08825578	0.05883139	PNPLA6	patatin-like p	NTE NTEMNC	10908
242923_at	0.00930971	-0.03867838	ZNF678	zinc finger prc	FLJ18355 FLJ	339500
211090_s_at	0.14944238	-0.17878612	PRPF4B	PRP4 pre-mRN	KIAA0536 PR	8899
226731_at	-0.12396537	0.09467918	PELO	pelota homok	CGI-17 PRO1	53918
204447_at	-0.07251404	0.04333564	ProSAPiP1	ProSAPiP1 prc	KIAA0552	9762
226402_at	-0.21645091	0.18756539	CYP2U1	cytochrome P	P450TEC	113612
205658_s_at	-0.38858256	0.35974163	SNAPC4	small nuclear	FLJ13451 PTF	6621
223089_at	-0.19729321	0.16867674	VEZT	vezatin, adher	DKFZp761C24	55591
230685_at	0.27995743	-0.30855589	FLJ33630	hypothetical L-	644873	
209111_at	0.12764455	-0.15475163	RNF5	ring finger prc	RING5 RMA1	6048
1554063_at	0.17279389	-0.1996024	C8orf76	chromosome	FLJ14825 MG	84933
226053_at	-0.19041217	0.16420914	MAP2K7	mitogen-activ	Jnk2 MAPKK	5609
244455_at	0	-0.02564222	KCNT2	potassium cha	KCa4.2 MGC1	343450
1554019_s_at	-0.31938719	0.29377807	C6orf182	chromosome	MGC21731 M	285753
203353_s_at	-0.15123478	0.12586283	MBD1	methyl-CpG b	CXXC3 PCM1	4152
210026_s_at	-0.02471738	-0.00043702	CARD10	caspase recrui	BIMP1 CARM	29775
241117_at	-0.02492825	0	LOXHD1	lipoxygenase	DFNB77 FLJ3	125336
219346_at	-0.29787131	0.27327211	LRFN3	leucine rich re	FIGLER1 MGC	79414
213375_s_at	-0.02463997	0.00021355	N4BP2L1	NEDD4 bindin	CG018	90634
201069_at	-0.59987616	0.5754844	MMP2	matrix metall	CLG4 CLG4A	4313
201675_at	0.10878593	-0.13292196	AKAP1	A kinase (PRK	AKAP AKAP1	8165
218453_s_at	0.47582189	-0.49981197	C6orf35	chromosome	BM033 FLJ10	729515
213726_x_at	0.00035023	-0.02424459	TUBB2C	tubulin, beta	TUBB2	10383
1552766_at	0.09632816	-0.11913827	HS6ST2	heparan sulfat	MGC130022	90161
1565436_s_at	-0.02240825	0	MLL	myeloid/lymp	ALL-1 CXXC7	4297
206557_at	0	-0.02223093	ZNF702P	zinc finger prc	FLJ12985 ZNF	79986
218224_at	0.00354806	-0.02556838	PNMA1	paraneoplasti	MA1	9240
206812_at	0	-0.02153274	ADRB3	adrenergic, be	BETA3AR FLJ	155
236492_at	-0.0588321	0.0375331	PPP2R2A	protein phosp	B55-ALPHA B	5520
229143_at	-0.18950583	0.16860466	CNOT3	CCR4-NOT tra	KIAA0691 LEP	4849
201846_s_at	0.10681336	-0.12708008	RYBP	RING1 and YY	AAP1 DEDAF	23429
211990_at	0	-0.02022688	HLA-DPA1	major histoco	HLA-DP1A HL	3113
206374_at	0.16905005	-0.18842431	DUSP8	dual specificit	C11orf81 FLJ	1850
238778_at	0.75382397	-0.7725946	MPP7	membrane pr	FLJ32798	143098
225508_at	-0.05316182	0.03444093	KIAA1468	KIAA1468	FLJ33841 HsT	57614
236132_at	0.36343928	-0.38202625	TLN1	talin 1	ILWEQ KIAA1	7094
220986_s_at	0.72859341	-0.74687089	TIGD6	tigger transpo	DKFZp761E21	81789
244401_at	0.31320148	-0.3312998	LCA5	Leber congeni	C6orf152	167691
232181_at	-0.49827883	0.48047917	LOC153346	hypothetical p-	153346	
218957_s_at	-0.03660352	0.01915828	PAAF1	proteasomal	FLJ11848 PA	80227
205297_s_at	0.11030947	-0.12764727	CD79B	CD79b molecu	B29 IGB	974
215711_s_at	0.0173699	-0.0346369	WEE1	WEE1 homolo	DKFZp686I18	7465
206552_s_at	-0.0108423	-0.00625096	TAC1	tachykinin, pr	Hs.2563 NK2	6863
232432_s_at	0.08311731	-0.09970239	SLC30A5	solute carrier	FLJ12496 FLJ	64924
227248_at	0.21090879	-0.22742585	PLEKHH3	pleckstrin hon	FLJ21019	79990

213603_s_at	0.03867582	-0.05500119	RAC2	ras-related C3 EN-7 Gx HSP	5880
203639_s_at	0.0032722	-0.01952588	FGFR2	fibroblast growth factor receptor 2 BFR-1 CF	2263
208991_at	-0.15187637	0.13579444	STAT3	signal transducer and activator of transcription 3 APRF FLJ2088	6774
211471_s_at	-0.63709933	0.62106625	RAB36	RAB36, member of RAB GTPase superfamily	9609
226545_at	0	-0.01577969	CD109	CD109 molecule CPAMD7 DKF	135228
235810_at	-0.34476746	0.32900952	ZNF182	zinc finger protein 182 HHZ150 KOX	7569
214578_s_at	0.25794774	-0.27329791	ROCK1	Rho-associated protein kinase 1 MGC131603	6093
1558673_s_at	0.43023883	-0.44446147	ZNF77	zinc finger protein 77 ZNF77	58492
220922_s_at	-0.01403283	0	SPANXA1	sperm protein 17 CT11.1 NAP-2	30014
1552712_a_at	0.06399534	-0.07801449	NMNAT2	nicotinamide N-methyltransferase 2 C1orf15 KIAA	23057
205352_at	-0.3316319	0.31780994	SERPINI1	serpin peptidase inhibitor, clade I, member 1 DKFZp781N13	5274
210144_at	0.30882222	-0.32195963	TBC1D22A	TBC1 domain family class D member 22 C22orf4 HSC7	25771
201971_s_at	0.19284369	-0.20588235	ATP6V1A	ATPase, H+ transporting, V0 domain ATP6A1 ATP6	523
216605_s_at	0.89212002	-0.90482783	CEACAM21	carcinoembryonic antigen cell adhesion molecule 21 FLJ	90273
225459_at	-0.01259551	0	AMOTL1	angiogenin-like 1 AMOTL1	154810
230303_at	0	-0.01198955	SYNPR	synaptophysin DKFZp686G08	132204
229889_at	-0.01197423	0	C17orf76	chromosome 17 open reading frame 76 FLJ35696	388341
231920_s_at	-0.27886011	0.26692644	CSNK1G1	casein kinase 1 gamma CSNK1G1	53944
204078_at	-0.00342957	-0.00837983	SC65	synaptonemal complex protein 65 NOL55	10609
225056_at	0	-0.01127037	SIPA1L2	signal-induced protein 1-like 2 FLJ23126 FLJ	57568
202633_at	-0.17251926	0.16133464	TOPBP1	topoisomerase II binding protein TOP2BP1	11073
224309_s_at	-0.00819956	-0.00276388	SUGT1	SGT1, suppressor of gamma-H2AX SGT1	10910
236047_at	-0.01239376	0.00185453	C8orf5 XKR6	XK, Kell blood group system C8orf5 C8orf	286046
226778_at	-0.38066608	0.37020014	C8orf42	chromosome 8 open reading frame 42 DKFZp686J15	157695
1555910_at	0.13019807	-0.14048686	PTCD2	pentatricopeptide repeat domain 2 FLJ12598	79810
1556826_s_at	0.89009972	-0.90029874	C1orf187	chromosome 1 open reading frame 187 AGPA3119 FL	374946
227834_at	0	-0.0095932	TXLNB	taxilin beta C6orf198 DKF	167838
206879_s_at	0	-0.00952831	NRG2	neuregulin 2 Don-1 HRG2	9542
217929_s_at	-0.11945625	0.11020658	KIAA0319L	KIAA0319-like KIAA1837	79932
205176_s_at	0.06278321	-0.07185379	ITGB3BP	integrin beta 3 binding protein CENP-R CENP	23421
222478_at	-0.27173983	0.26317721	VPS36	vacuolar protein sorting 36 C13orf9 CGI-1	51028
218058_at	-0.2570132	0.24851514	CXXC1	CXXC finger 1 2410002I16Ri	30827
222975_s_at	0.06719333	-0.07547688	CSDE1	cold shock domain protein 1 D1S155E DKF	7812
212075_s_at	0.42231882	-0.43041604	CSNK2A1	casein kinase II CK2A1 CKII	1457
1554821_a_at	-0.57539709	0.5675653	ZBED1	zinc finger, BEAL-type DREF KIAA	9189
228263_at	0.3763118	-0.38360753	GRASP	GRP1 (general amino acid cycle) TAMALIN	160622
209661_at	0.00069104	-0.0078223	KIFC3	kinesin family class I member 3 DKFZp686D23	3801
1554980_a_at	1.05688104	-1.06384793	ATF3	activating transcription factor 3	467
202507_s_at	0.18024417	-0.18707817	SNAP25	synaptosomal associated protein 25 FLJ23079 RIC	6616
226269_at	0.11536674	-0.12166933	GDAP1	ganglioside-induced differentiation associated protein 1 CMTRIA	54332
228391_at	0	-0.00545475	CYP4V2	cytochrome P450 BCD CYP4AH	285440
243708_at	0.00460745	-0.00987311	TMEM132E	transmembrane protein 132E	124842
228287_at	0.08747896	-0.0926357	ING5	inhibitor of gamma-H2AX FLJ23842 p28	84289
227862_at	-0.09360712	0.08845687	TRNP1	TMF1-regulated protein 1 C1orf225 TNF	388610
227792_at	-0.00241566	-0.00241566	ITPRIPL2	inositol 1,4,5-bisphosphate 1-phosphatase 2 FLJ22994 MG	162073
219663_s_at	0.0179043	-0.02265718	TMEM121	transmembrane protein 121 MGC4659 ho	80757
227298_at	0.01291781	-0.01719789	FLJ37798	hypothetical gene	401264
224469_s_at	-0.00062346	-0.00350834	INF2	inverted form of C14orf151 C14orf151	64423

219441_s_at	0	-0.00382137	LRRK1	leucine-rich re	FLJ23119 FLJ	79705
225914_s_at	0.53287164	-0.5364673	CAB39L	calcium bindir	FLJ12577 MO	81617
1557385_at	-0.25304446	0.24990845	FAM161A	family with se	FLJ13305 MG	84140
225620_at	-0.22650306	0.22390506	LOC10013071	similar to hCG-		100130711
213416_at	-0.05173364	0.04918637	ITGA4	integrin, alpha	CD49D IA4 M	3676
1553304_at	-0.00962594	0.00712018	LSM14B	LSM14B, SCD	(C2orf40 FAN	149986
241827_at	-0.17918203	0.17674038	ZNF615	zinc finger prc	DKFZp686O15	284370
226925_at	-0.11106263	0.10883167	ACPL2	acid phosphat	FLJ23751	92370
202859_x_at	0	-0.00219758	IL8	interleukin 8	CXCL8 GCP-1	3576
1553433_at	-1.3835694	1.38137656	C9orf93	chromosome	DKFZp686P12	203238
228523_at	0.41426585	-0.41582557	NANOS1	nanos homolo	NOS1	340719
1569191_at	-0.00152723	0	ZNF826	zinc finger prc	FLJ44894	664701
227818_at	0.2893601	-0.29062452	CCDC21	coiled-coil dor	DKFZp434L01	64793
228152_s_at	-0.04496502	0.04388668	DDX60L	DEAD (Asp-Glu	DKFZp781D11	91351
202016_at	-0.03996434	0.03950058	MEST	mesoderm sp	DKFZp686L18	4232
209242_at	0	-0.00044177	PEG3	paternally exp	DKFZp781A09	5178
203442_x_at	-0.58039977	0.58008464	EML3	echinoderm r	ELP95 FLJ358	256364
203128_at	-0.00028726	0	SPTLC2	serine palmitic	KIAA0526 LCF	9517
230047_at	0	-0.0001834	FLJ32810	Rho-type GTP	KIAA0621	143872
33767_at	-8.01E-05	-8.01E-05	NEFH	neurofilament	NFH	4744
229290_at	-0.00010192	0	DAPL1	death associat		92196
224994_at	-4.43E-05	0	CAMK2D	calcium/calmo	CAMKD DKFZ	817
1553465_a_at	0	0	CES7	carboxylester	CAUXIN CES4	221223
1553654_at	0	0	SYT14	synaptotagmi	FLJ34198 MG	255928
1555412_at	0	0	FBXL21	F-box and leuc	FBL3B FBXL3E	26223
1557167_at	0	0	HCG11	HLA complex	FLJ14049 FLJ	493812
1558834_s_at	0	0	AKNAD1	AKNA domain	C1orf62 MGC	254268
1560676_at	0	0	SIAH3	seven in abse	FLJ39203	283514
1561985_at	0	0	C14orf39	chromosome	MGC149706	317761
1562484_at	0	0	C17orf104	chromosome	FLJ35848 MG	284071
1568620_at	0	0	CSAD	cysteine sulfin	CSD FLJ44987	51380
201185_at	0	0	HTRA1	HtrA serine pe	ARMD7 HtrA	5654
201983_s_at	0	0	EGFR	epidermal gro	ERBB ERBB1	1956
202289_s_at	0	0	TACC2	transforming,	AZU-1 ECTAC	10579
202597_at	0	0	IRF6	interferon reg	LPS OFC6 PIT	3664
203066_at	-0.01624265	0.01624265	CHST15	carbohydrate	BRAG DKFZp7	51363
203083_at	0	0	THBS2	thrombospon	TSP2	7058
203148_s_at	0	0	TRIM14	tripartite mot	KIAA0129	9830
203477_at	0	0	COL15A1	collagen, type	FLJ38566	1306
203548_s_at	0	0	LPL	lipoprotein lip	HDLCQ11 LIP	4023
203815_at	0	0	GSTT1	glutathione S-		2952
203895_at	0	0	PLCB4	phospholipase	FLJ16169 PI-F	5332
203939_at	0	0	NT5E	5'-nucleotidas	CD73 E5NT M	4907
204160_s_at	0	0	ENPP4	ectonucleotid	KIAA0879 NP	22875
204456_s_at	0	0	GAS1	growth arrest-		2619
204466_s_at	0	0	SNCA	synuclein, alp	MGC110988	6622
204679_at	0	0	KCNK1	potassium ch	DPK HOHO K	3775
205113_at	0	0	NEFM	neurofilament	NEF3 NF-M M	4741



205150_s_at	0	0 TRIL	TLR4 interact	KIAA0644	9865
205153_s_at	0	0 CD40	CD40 molecu	Bp50 CDW40	958
205481_at	0	0 ADORA1	adenosine A1	RDC7	134
205590_at	0	0 RASGRP1	RAS guanyl re	CALDAG-GEFI	10125
205680_at	0	0 MMP10	matrix metall	SL-2 STMY2	4319
205825_at	0	0 PCSK1	proprotein co	BMIQ12 NEC:	5122
205901_at	0	0 PNOC	prepronocice	PPNOC	5368
206001_at	0	0 NPY	neuropeptide	PYY4	4852
206082_at	0	0 HCP5	HLA complex	ID6S2650E P5	10866
206140_at	0	0 LHX2	LIM homeobo	LH2 MGC138	9355
206159_at	0	0 GDF10	growth differ	BMP-3b BMP	2662
206163_at	0	0 MAB21L1	mab-21-like 1	CAGR1 FLJ10:	4081
206191_at	0	0 ENTPD3	ectonucleosid	CD39L3 FLJ93	956
206228_at	0	0 PAX2	paired box 2	-	5076
206403_at	0	0 ZNF536	zinc finger prc	KIAA0390	9745
206456_at	0	0 GABRA5	gamma-aminc	MGC138184	2558
206646_at	0	0 GLI1	GLI family zinc	GLI	2735
206685_at	0	0 HCG4	HLA complex	HCGIV.9	54435
207267_s_at	0	0 DSCR6	Down syndror	RIPPLY3	53820
207528_s_at	0	0 SLC7A11	solute carrier	CCBR1 xCT	23657
209343_at	0	0 EFHD1	EF-hand dom	DKFZp781H08	80303
209750_at	0	0 NR1D2	nuclear recepi	BD73 EAR-1R	9975
209793_at	0	0 GRIA1	glutamate rec	GLUH1 GLUR:	2890
209829_at	0	0 FAM65B	family with se	C6orf32 DIFF:	9750
210118_s_at	0	0 IL1A	interleukin 1,	IL-1A IL1 IL1-	3552
210271_at	0	0 NEUROD2	neurogenic di	MGC26304 N	4761
210397_at	0	0 DEFB1	defensin, beta	BD1 DEFB-1	1672
211000_s_at	0	0 IL6ST	interleukin 6 s	CD130 CDw1:	3572
211095_at	0	0 NF1	neurofibromir	DKFZp686J12:	4763
211484_s_at	0	0 DSCAM	Down syndror	CHD2-42 CHC	1826
212543_at	0	0 AIM1	absent in mel	CRYBG1 ST4	202
212560_at	0	0 SORL1	sortilin-relate	C11orf32 FLJ:	6653
213059_at	0	0 CREB3L1	cAMP respons	OASIS	90993
213197_at	0	0 ASTN1	astrotactin 1	ASTN KIAA17:	460
213222_at	0	0 PLCB1	phospholipase	FLJ45792 PI-F	23236
213309_at	0	0 PLCL2	phospholipase	FLJ13484 KIA:	23228
213438_at	0	0 NFASC	neurofascin h	DKFZp686P22	23114
213779_at	0	0 EMID1	EMI domain c	EMI5 EMU1	129080
214156_at	0	0 MYRIP	myosin VIIA a	DKFZp586F10	25924
214321_at	0	0 NOV	nephroblastor	CCN3 IGFBP9	4856
214822_at	0	0 FAM5B	family with se	BRINP2 DBCC	57795
215228_at	0	0 NHLH2	nescient helix	HEN2 KIAA04	4808
216481_at	0	0 GRIP2	glutamate rec	-	80852
216917_s_at	0	0 SYCP1	synaptonema	CT8 HOM-TE:	6847
217590_s_at	0	0 TRPA1	transient rece	ANKTM1	8989
217728_at	0	0 S100A6	S100 calcium	2A9 5B10 CA	6277
217901_at	0	0 DSG2	desmoglein 2	ARVC10 ARVI	1829
218546_at	0	0 C1orf115	chromosome	FLJ14146 RP1	79762

218694_at	0	0	ARMCX1	armadillo rep	ALEX1 DKFZp	51309
218729_at	0	0	LXN	latexin	ECl TCI	56925
218872_at	0	0	TESC	tescalcin	CHP3 FLJ206C	54997
218918_at	0	0	MAN1C1	mannosidase, HMI	C MAN1A	57134
219179_at	0	0	DACT1	dapper, antag	DAPPER DAPI	51339
219415_at	0	0	TTYH1	tweety homol-		57348
219587_at	0	0	TTC12	tetratricopept	FLJ13859 FLJ	54970
219592_at	0	0	MCPH1	microcephalin	BRIT1 FLJ128	79648
219877_at	0	0	ZMAT4	zinc finger, ma	FLJ13842	79698
219894_at	0	0	MAGEL2	MAGE-like 2	NDNL1 nM15	54551
219993_at	0	0	SOX17	SRY (sex deter	FLJ22252	64321
220146_at	0	0	TLR7	toll-like recep	-	51284
220166_at	0	0	CNNM1	cyclin M1	ACDP1 FLJ31	26507
220817_at	0	0	TRPC4	transient rece	HTRP4 MGC1	7223
221029_s_at	0	0	WNT5B	wingless-type	MGC2648	81029
221168_at	0	0	PRDM13	PR domain co	MU-MB-20.22	59336
221252_s_at	0	0	GSG1	germ cell asso	MGC111023	83445
221563_at	0	0	DUSP10	dual specificit	MKP-5 MKP5	11221
221805_at	0	0	NEFL	neurofilament	CMT1F CMT2	4747
221816_s_at	0	0	PHF11	PHD finger pr	APY BCAP IG	51131
221854_at	0	0	PKP1	plakophilin 1	(B6P MGC138	5317
221858_at	0	0	TBC1D12	TBC1 domain	FLJ10339 FLJ	23232
222125_s_at	0	0	P4HTM	prolyl 4-hydro	EGLN4 HIFPH	54681
223278_at	0	0	GJB2	gap junction p	CX26 DFNA3	2706
223374_s_at	0	0	B3GALNT1	beta-1,3-N-ac	B3GALT3 GLC	8706
223621_at	0	0	PNMA3	paraneoplasti	MA3 MA5 M	29944
223730_at	0	0	GPC6	glypican 6	MGC126288	10082
224374_s_at	0	0	EMILIN2	elastin microfi	EMILIN-2 FLJ	84034
224833_at	0	0	ETS1	v-ets erythro	ETS-1 EWSR2	2113
225381_at	0	0	LOC399959	hypothetical L	DKFZp686J24	399959
226068_at	0	0	SYK	spleen tyrosin	DKFZp313N1C	6850
226086_at	0	0	SYT13	synaptotagmi	KIAA1427	57586
226474_at	0	0	NLRC5	NLR family, C	CLR16.1 FLJ2	84166
226789_at	0	0	EMB	embigin hom	c MGC71745	133418
227210_at	0.00075925	-0.00075925	SFMBT2	Scm-like with	-	57713
227439_at	0	0	ANKS1B	ankyrin repea	AIDA AIDA-1	56899
227760_at	0	0	IGFBPL1	insulin-like gr	IGFBP-RP4 bA	347252
227892_at	0	0	PRKAA2	protein kinase	AMPK AMPK	5563
228600_x_at	0.0091739	-0.0091739	C7orf46	chromosome	DKFZp686F08	340277
228782_at	0	0	SCGB3A2	secretoglobin,	LU103 PNSP1	117156
228790_at	0	0	FAM110B	family with se	C8orf72 MGC	90362
228821_at	0	0	ST6GAL2	ST6 beta-gala	FLJ30711 FLJ	84620
228875_at	0	0	FAM162B	family with se	C6orf189 bA	221303
229266_at	0	0	LOC284033	hypothetical L	-	284033
229724_at	0	0	GABRB3	gamma-aminc	ECA5 MGC90	2562
230404_at	0	0	FLJ44606	glutaredoxin-l	-	401207
230480_at	0.38816971	-0.38816971	PIWIL4	piwi-like 4	(Dr DKFZp686P01	143689
230560_at	0	0	STXBP6	syntaxin bindi	FLJ39638 HSF	29091

230808_at	0	0	FNTA	farnesyltransf FPTA MGC99	2339
232636_at	0	0	SLITRK4	SLIT and NTRK DKFZp547M2I	139065
232697_at	0	0	LRFN2	leucine rich re FIGLER2 KIAA	57497
233562_at	0	0	LOC84856	hypothetical L-	84856
233823_at	0	0	FAM184B	family with se KIAA1276	27146
235377_at	0	0	C6orf142	chromosome FLJ54673 FLJ	90523
235751_s_at	0	0	VMO1	vitelline mem ERGA6350 M	284013
235781_at	0	0	CACNA1B	calcium chanr BIII CACNL1A	774
236846_at	0	0	LOC284757	hypothetical ꝑ FLJ46426	284757
237560_at	0	0	MRPS5	mitochondrial MRP-S5 S5mt	64969
239043_at	0	0	ZNF404	zinc finger prc MGC120455	342908
239738_at	0	0	DACH2	dachshund ho FLJ31391 MG	117154
240402_at	0	0	KIRREL3	kin of IRRE likꝑ KIAA1867 KIR	84623
241710_at	0	0	hCG_1645220	hCG1645220 LOC728819	728819
244744_at	0	0	LOC10013050	hypothetical L-	100130502
35147_at	0	0	MCF2L	MCF.2 cell linꝑ ARHGEF14 DI	23263
224215_s_at	0	4.44E-16	DLL1	delta-like 1 (D DELTA1 DL1	28514
205619_s_at	6.19E-05	0	MEOX1	mesenchyme MOX1	4222
227548_at	0.03036774	-0.02998466	ORMDL1	ORM1-like 1 (DKFZp686G14	94101
223599_at	0	0.00061229	TRIM6	tripartite mot RNF89	117854
213419_at	-0.47970626	0.4803382	APBB2	amyloid beta (DKFZp434E03	323
1552677_a_at	0	0.00076738	DIP2A	DIP2 disco-int C21orf106 DI	23181
226913_s_at	-0.39439334	0.39537333	SOX8	SRY (sex deter MGC24837	30812
223165_s_at	-0.08699075	0.08805184	IP6K2	inositol hexak IHPK2 PiUS	51447
231944_at	0.5417896	-0.5404415	ERO1LB	ERO1-like bet; DKFZp779C10	56605
231325_at	-0.0109375	0.01260377	UNC5D	unc-5 homolo FLJ16019 KIA.	137970
2028_s_at	-0.52138664	0.52309763	E2F1	E2F transcript E2F-1 RBAP1	1869
235488_at	-0.18819549	0.19044037	RASL10B	RAS-like, fami MGC47540 R	91608
229793_at	0.14751143	-0.14524279	ASAH2B	N-acylsphingo ASAH2C ASA	653308
1558002_at	0.02033015	-0.01779318	STRAP	serine/threon MAWD PT-W	11171
208003_s_at	0	0.00258257	NFAT5	nuclear factor KIAA0827 NF-	10725
236328_at	0.13609884	-0.13348892	ZNF285A	zinc finger prc FLJ30747 ZNF	26974
226303_at	-0.00269547	0.00542739	PGM5	phosphogluco PGMRP	5239
223316_at	-0.0856749	0.08884851	CCDC3	coiled-coil dor DKFZp761F24	83643
221220_s_at	0.00322278	0	SCYL2	SCY1-like 2 (S. CVAK104 FLJ	55681
215760_s_at	0.27352471	-0.26990221	SBNO2	strawberry no FLJ00173 KIA.	22904
233947_s_at	0	0.00399794	LOC255480	hypothetical ꝑ-	255480
244552_at	0	0.00424961	ZNF788	zinc finger fan FLJ46419 FLJ	388507
202974_at	0.18716015	-0.18272853	MPP1	membrane pr AAG12 DXS5	4354
212573_at	-0.01411012	0.01856644	ENDOD1	endonuclease KIAA0830 MC	23052
214255_at	0.00518092	0	ATP10A	ATPase, class 'ATP10C ATPV	57194
219951_s_at	-0.04580493	0.05114818	C20orf12	chromosome C20orf84 DKF	55184
204267_x_at	-0.20981447	0.21567001	PKMYT1	protein kinase DKFZp547K16	9088
207741_x_at	0.00577464	0.00024902	TPSAB1	tryptase alphaꝑ TPS1 TPS2 TF	7177
227624_at	-0.23619224	0.24240342	TET2	tet oncogene FLJ20032 KIA.	54790
207655_s_at	-0.02842982	0.0346993	BLNK	B-cell linker BASH BLNK-S	29760
203343_at	0.17009237	-0.16381574	UGDH	UDP-glucose c GDH UDP-Glc	7358
209250_at	-0.24453777	0.25151776	DEGS1	degenerative DEGS DES1 D	8560

209031_at	0	0.00710644	CADM1	cell adhesion i BL2 DKFZp68	23705
229389_at	-0.00633753	0.01366182	ATG16L2	ATG16 autopl FLJ00012 WD	89849
225165_at	0.00785486	-0.00021615	PPP1R1B	protein phosph DARPP-32 DA	84152
220520_s_at	0.00855597	0	NUP62CL	nucleoporin 6 FLJ20130	54830
210652_s_at	0.00862099	0	TTC39A	tetratricopept C1orf34 DEM	22996
221014_s_at	-0.02752173	0.03691026	RAB33B	RAB33B, mem DKFZp434G09	83452
220085_at	-0.32407254	0.33346323	HELLS	helicase,lymp FLJ10339 LSH	3070
208938_at	-0.26347477	0.27365196	PRCC	papillary rena MGC17178 M	5546
214234_s_at	0.12908032	-0.11879912	CYP3A5P2	cytochrome P -	79424
223064_at	0.21283634	-0.20219988	RNF181	ring finger prc HSPC238	51255
1558128_at	0.37593448	-0.36433281	LOC730202	hypothetical f -	730202
202958_at	-0.17427659	0.18625918	PTPN9	protein tyrosii MEG2 PTPME	5780
205765_at	0.14705626	-0.13405719	CYP3A5	cytochrome P CP35 P450PC	1577
1553269_at	0.01239834	0.00069721	ZNF718	zinc finger prc FLJ90036	255403
222902_s_at	-0.55300415	0.56642164	DEM1	defects in moi C1orf176 FLJ:	64789
211670_x_at	0	0.01407377	SSX3	synovial sarco CT5.3 MGC11	10214
207724_s_at	0.26633588	-0.25196463	SPAST	spastin ADPSP FSP2	6683
219992_at	0.01982371	-0.0052025	TAC3	tachykinin 3 NKB NKNB PI	6866
202128_at	-0.10509559	0.11984039	KIAA0317	KIAA0317 -	9870
229332_at	0.01278453	0.00201861	HPDL	4-hydroxyphe 4-HPPD-L GLC	84842
200621_at	-0.33269608	0.34767213	CSRP1	cysteine and g CRP CRP1 CS	1465
229862_x_at	-0.1997837	0.21482005	ZBTB45	zinc finger anc DKFZp547H24	84878
204492_at	0.47466891	-0.45923244	ARHGAP11A	Rho GTPase a KIAA0013 MC	9824
224480_s_at	0.15306288	-0.13724398	AGPAT9	1-acylglycerol AGPAT8 GPA	84803
238332_at	0	0.01588163	ANKRD29	ankyrin repea FLJ25053	147463
1558324_a_at	-0.68718873	0.70324446	TMEM72	transmembrai C10orf127 DI	643236
1558747_at	0.07690459	-0.06012535	SMCHD1	structural mai DKFZp686O06	23347
205011_at	0.00464866	0.01216151	VWA5A	von Willebran BCSC-1 BCSC:	4013
235333_at	-0.20231413	0.21960507	B4GALT6	UDP-Gal:beta B4Gal-T6 bet:	9331
201831_s_at	0.89174062	-0.87434478	USO1	USO1 homolo P115 TAP VD	8615
204602_at	0	0.01749063	DKK1	dickkopf homi DKK-1 SK	22943
238465_at	0.01766703	0	C5orf35	chromosome MGC33648	133383
212240_s_at	-0.50916964	0.52695111	PIK3R1	phosphoinosit GRB1 p85 p8	5295
222309_at	0.01111193	0.0066914	C6orf62	chromosome DKFZp564G18	81688
226580_at	0.02467541	-0.0068485	BRMS1L	breast cancer BRMS1 MGC:	84312
224170_s_at	0	0.01819291	TULP4	tubby like pro KIAA1397 TU:	56995
225237_s_at	0.09081635	-0.07211444	MSI2	musashi homi FLJ36569 MG	124540
1559315_s_at	-0.03312883	0.05298225	LOC144481	hypothetical f -	144481
206115_at	0	0.01991685	EGR3	early growth r MGC138484	1960
206940_s_at	-0.15470283	0.17464402	POU4F1	POU class 4 hc BRN3A FLJ13:	5457
223945_x_at	0.09376951	-0.07356936	RP9P	retinitis pigme FLJ33904	441212
228719_at	0.13125762	-0.11093129	ZSWIM7	zinc finger, SV SWS1	125150
227506_at	-0.4475931	0.46793301	SLC16A9	solute carrier C10orf36 FLJ4	220963
213391_at	-6.32E-05	0.02075183	DPY19L4	dpy-19-like 4  MGC131885	286148
223340_at	0.06350827	-0.04222523	ATL1	atlastin GTPas AD-FSP FSP1	51062
213130_at	0.05062899	-0.02925196	ZNF473	zinc finger prc HZFP100 ZN4	25888
205606_at	-0.04356004	0.0651159	LRP6	low density liq ADCAD2 FLJ9	4040
241696_at	0.00999589	0.01159964	CNTLN	centlein, centi C9orf101 C9c	54875

232214_x_at	0	0.0217158	ZNF554	zinc finger prc FLJ34817	115196
231832_at	0.02426425	-0.00220531	GALNT4	UDP-N-acetyl- GALNAC-T4 G	8693
226688_at	-0.10325323	0.12553587	C3orf23	chromosome DKFZp313N06	285343
223698_at	-0.07667998	0.09923458	SLC25A36	solute carrier DKFZp564C05	55186
213298_at	0.04374645	-0.02107568	NFIC	nuclear factor CTF CTF5 MC	4782
203404_at	0	0.02341717	ARMCX2	armadillo repε ALEX2 KIAA05	9823
235005_at	-0.13139124	0.15522996	DIS3L	DIS3 mitotic c FLJ38088 KIA	115752
1563549_a_at	-0.77181338	0.7961072	ANO8	anoctamin 8 KIAA1623 TM	57719
225409_at	0.06139622	-0.03709839	C2orf64	chromosome 6330578E17R	493753
204491_at	0.1591095	-0.13432346	PDE4D	phosphodiester DKFZp686M1:	5144
223712_at	-0.3193521	0.34461664	PCBD2	pterin-4 alpha DCOH2 DCOH	84105
212640_at	-0.09237419	0.11773032	PTPLB	protein tyrosin-	201562
212940_at	0	0.02577759	COL6A1	collagen, type OPLL	1291
205647_at	-0.1832482	0.20910357	RAD52	RAD52 homol -	5893
1553612_at	0	0.02605636	ZNF354B	zinc finger prc FLJ25008 KID	117608
211080_s_at	1.13837002	-1.11197613	NEK2	NIMA (never i HsPK21 NEK2	4751
213460_x_at	-0.15130131	0.17777377	NSUN5C	NOL1/NOP2/ε DKFZp434K05	260294
235124_at	0.1975168	-0.17053411	LOC645212	hypothetical L -	645212
226614_s_at	-0.03697891	0.06410119	FAM167A	family with se C8orf13 D8S2	83648
223564_s_at	0.25528022	-0.22713536	GNB1L	guanine nucle DGCRK3 FKSC	54584
204169_at	-0.19050358	0.21910465	IMPDH1	IMP (inosine r DKFZp781N06	3614
229906_at	-0.0041191	0.03276192	ARMC7	armadillo repε FLJ22160	79637
226800_at	0.40126094	-0.3725028	EFCAB7	EF-hand calci DKFZp666D22	84455
228083_at	0.0295828	0	CACNA2D4	calcium chanr RCD4	93589
209015_s_at	-0.14123045	0.17183808	DNAJB6	DnaJ (Hsp40) DJ4 DKFZp56:	10049
237472_at	-0.02080306	0.05168754	SOX1	SRY (sex deter -	6656
219143_s_at	0.10340355	-0.07226462	RPP25	ribonuclease f FLJ20374	54913
206176_at	-0.28684403	0.31811652	BMP6	bone morpho VGR VGR1	654
214878_at	0.03205893	0	ZNF37A	zinc finger prc FLJ3472 KOX:	7587
47571_at	0.19203078	-0.15921781	ZNF236	zinc finger prc ZNF236A ZNF	7776
205796_at	0.77411825	-0.74109442	TCP11L1	t-complex 11 FLJ11336 FLJ:	55346
212636_at	0.38759629	-0.35380314	QKI	quaking homc DKFZp586I09:	9444
205690_s_at	0.10890488	-0.07494622	BUD31	BUD31 homol EDG-2 EDG2	8896
211450_s_at	-0.00241642	0.03646581	MSH6	mutS homolo GTBP HNPPC:	2956
221893_s_at	0.12126359	-0.0871194	ADCK2	aarF domain c AARF MGC20	90956
230348_at	0	0.03421321	LATS2	LATS, large tu FLJ13161 KPN	26524
230110_at	0.14814516	-0.11376219	MCOLN2	mucolipin 2 FLJ36691 TRP	255231
205499_at	0.58144216	-0.54629571	SRPX2	sushi-repeat-c BPP CBPS PN	27286
205180_s_at	0.56668745	-0.53149499	ADAM8	ADAM metallc CD156 MGC1	101
224048_at	0	0.0352121	USP44	ubiquitin spec DKFZp434D01	84101
223044_at	-0.87146476	0.90737474	SLC40A1	solute carrier FPN1 HFE4 IF	30061
212162_at	-0.06831307	0.10438622	KIDINS220	kinase D-inter ARMS MGC16	57498
209706_at	0.00953599	0.02665507	NKX3-1	NK3 homeobc BAPX2 NKX3	4824
221201_s_at	-0.42698122	0.46326337	ZNF155	zinc finger prc MGC161655	7711
228522_at	-0.60103245	0.63733988	LOC642031	hypothetical f -	642031
219865_at	0.07682265	-0.04032708	HSPC157	hypothetical L -	29092
227331_at	0.32721971	-0.29055222	ZNF740	zinc finger prc MGC61706 Zi	283337
202241_at	-0.00518082	0.04185198	TRIB1	tribbles homo C8FW GIG2 S	10221

214816_x_at	-0.11961963	0.15726333	C19orf40	chromosome FAAP24 FLJ46	91442
203984_s_at	-0.07704608	0.11500307	CASP9	caspase 9, apc/APAF-3 APAF	842
207177_at	0	0.03810678	PTGFR	prostaglandin FP MGC1204	5737
219495_s_at	-0.23149416	0.26968672	ZNF180	zinc finger prc HHZ168	7733
218346_s_at	0.32930511	-0.29081581	SESN1	sestrin 1 MGC138241	27244
219892_at	0.44991378	-0.41131324	TM6SF1	transmembrai-	53346
240206_at	0.03898524	0	TARS	threonyl-tRNA MGC9344 Thi	6897
213476_x_at	0.05418626	-0.01455814	TUBB3	tubulin, beta 3 MC1R TUBB4	10381
210166_at	0.03629418	0.00344557	TLR5	toll-like recep FLJ10052 MG	7100
1558254_s_at	0.18271528	-0.14242657	SRPK2	SFRS protein k FLJ36101 SFR	6733
205268_s_at	0.04046498	0	ADD2	adducin 2 (beta) ADDB	119
238058_at	-0.26719969	0.30788667	LOC150381	hypothetical L -	150381
229352_at	0.04075006	0.00033841	NOX5	NADPH oxidase MGC149776	79400
204413_at	0.16040367	-0.11904332	TRAF2	TNF receptor- MGC:45012 T	7186
215725_at	0.24864704	-0.20700201	DGCR11	DiGeorge sync DGS-D	25786
202148_s_at	0.25625657	-0.21454886	PYCR1	pyrroline-5-carbonyl ARCL2B P5C	5831
1552360_a_at	0	0.04192289	TIRAP	toll-interleukin FLJ42305 Mal	114609
235174_s_at	0.74824718	-0.7063023	LOC10012882	hypothetical L -	10012882
231936_at	-0.08789809	0.12988655	HOXC9	homeobox C9 HOX3 HOX3B	3225
1557357_at	0.04206664	0	LOC440944	hypothetical L -	440944
220441_at	-0.02302751	0.06510366	DNAJC22	DnaJ (Hsp40) FLJ13236 wus	79962
218684_at	0.09309121	-0.05085764	LRR8D	leucine rich re FLJ10470 FLJ	55144
1294_at	0	0.04231918	UBA7	ubiquitin-like D8 MGC1271	7318
205607_s_at	0.15847104	-0.11596844	SCYL3	SCY1-like 3 (S. PACE-1 PACE	57147
230497_at	0.10805294	-0.06493871	BRUNOL5	bruno-like 5, FBRUNOL-5 CE	60680
236420_s_at	-0.05962723	0.10292996	ANO4	anoctamin 4 FLJ34221 FLJ	121601
222736_s_at	0.24864389	-0.20533087	TMEM38B	transmembrai C9orf87 D4Er	55151
230277_at	0.50364951	-0.45958516	ZNF655	zinc finger prc DKFZp686M1	79027
202982_s_at	0	0.04424121	ACOT2	acyl-CoA thioester CTE1A MTE1	10965
236046_at	-0.17174075	0.21612363	FLJ44896	FLJ44896 prot -	401166
241403_at	-0.12269418	0.16714566	CLK4	CDC-like kinase DKFZp686A20	57396
221827_at	0.15898811	-0.11442771	RBCK1	RanBP-type ar C20orf18 HOI	10616
203632_s_at	0.04463124	0	GPRC5B	G protein-coupled RAIG-2 RAIG2	51704
218838_s_at	-0.27719382	0.32205125	TTC31	tetratricopept FLJ12788 FLJ	64427
207105_s_at	0.02899218	0.01609669	PIK3R2	phosphoinositide P85B p85 p8	5296
203946_s_at	0.44653931	-0.40125789	ARG2	arginase, type -	384
227997_at	-0.20082515	0.24648951	IL17RD	interleukin 17 DKFZp434N19	54756
227066_at	-0.07890746	0.12545688	MOBK12C	MOB1, Mps O MGC26743 M	148932
221090_s_at	-0.42290092	0.46961122	OGFOD1	2-oxoglutarate FLJ10826 KIA	55239
202521_at	-0.05998712	0.10710262	CTCF	CCCTC-binding -	10664
213365_at	-0.11039879	0.15781719	ERI2	ERI1 exoribonuclease EXOD1 KIAA1	112479
205131_x_at	0.33549964	-0.28799921	CLEC11A	C-type lectin c CLECSF3 LSLC	6320
218928_s_at	-0.19753428	0.2455269	SLC37A1	solute carrier FLJ22340 G3F	54020
222962_s_at	-0.76239576	0.81054435	MCM10	minichromosome CNA43 DNA4	55388
203105_s_at	-0.12686186	0.17509702	DNM1L	dynamamin 1-like DLP1 DRP1 C	10059
204510_at	-0.09658024	0.14543795	CDC7	cell division cycle CDC7L1 HsCD	8317
214823_at	-0.37834746	0.42723484	ZNF204	zinc finger prc -	7754
229491_at	-0.44548722	0.49503201	NHEDC2	Na <sup>+</sup> /H <sup>+</sup> exchanger FLJ23984 NH	133308

1552680_a_at	0.38032411	-0.33022095	CASC5	cancer suscep	AF15Q14 CT2	57082
201015_s_at	0.03564269	0.01449258	JUP	junction plack	ARVD12 CTNI	3728
220735_s_at	0.0690996	-0.01884782	SENP7	SUMO1/sentr	KIAA1707 MG	57337
231016_s_at	-0.24958921	0.29993568	ARNT	aryl hydrocar	HIF-1beta HIF	405
215081_at	0.05049004	0	KIAA1024	KIAA1024	-	23251
243982_at	-0.3200288	0.37063837	KLHL28	kelch-like 28 (	BTBD5 FLJ200	54813
227837_at	0.32414209	-0.27329301	LOC729570	hypothetical l	-	729570
217904_s_at	-0.09693524	0.14798412	BACE1	beta-site APP-	ASP2 BACE F	23621
221875_x_at	0.62710503	-0.57602517	HLA-F	major histoco	CDA12 HLA-5	3134
202827_s_at	0.12523039	-0.07366433	MMP14	matrix metall	MMP-X1 MT1	4323
202205_at	-0.11391617	0.16584188	VASP	vasodilator-st	-	7408
227846_at	0.10582385	-0.05378559	GPR176	G protein-cou	GPR Gm1012	11245
209203_s_at	0.52195042	-0.4698177	BICD2	bicaudal D ho	KIAA0699 ba	23299
218444_at	0.1513225	-0.09910822	ALG12	asparagine-lin	ECM39 MGC1	79087
226499_at	0.13704	-0.08463658	NRARP	NOTCH-regula	MGC61598	441478
227757_at	0.55870426	-0.50624898	CUL4A	cullin 4A	-	8451
229637_at	-0.03412952	0.0867113	RIC8B	resistance to i	FLJ10620 MG	55188
226436_at	0.19703477	-0.14445063	RASSF4	Ras associatio	AD037 MGC4	83937
223315_at	0	0.05277805	NTN4	netrin 4	FLJ23180 PRC	59277
219551_at	0.20144419	-0.14846268	EAF2	ELL associatec	BM040 TRAIT	55840
214100_x_at	-0.19114476	0.24429299	NSUN5B	NOL1/NOP2/s	MGC129801 '	155400
239153_at	0.40183505	-0.34845196	HOTAIR	hox transcript	FLJ41747 HO	100124700
212762_s_at	0.04097158	0.01245634	TCF7L2	transcription f	TCF-4 TCF4	6934
212977_at	0.41447975	-0.36103619	CXCR7	chemokine (C-	CMKOR1 GPR	57007
228400_at	-0.25232546	0.30634402	SHROOM3	shroom famil	APXL3 KIAA1	57619
238453_at	0.01365551	0.04042277	FGFBP3	fibroblast gro	C10orf13 FGF	143282
222608_s_at	-0.00682651	0.06140336	ANLN	anillin, actin b	DKFZp779A05	54443
227029_at	0.11211677	-0.05753745	FAM177A1	family with se	C14orf24 DKF	283635
227176_at	0.12066326	-0.06567651	SLC2A13	solute carrier	HMIT MGC48	114134
200835_s_at	0.35592546	-0.30048502	MAP4	microtubule-a	DKFZp779A17	4134
203073_at	-0.10815472	0.16387521	COG2	component of	LDLC	22796
229391_s_at	0.0557609	0	FAM26F	family with se	C6orf187 dJ9	441168
243439_at	0.0016775	0.05421489	ZNF418	zinc finger prc	FLJ31551 KIA	147686
227909_at	0.56344525	-0.50737125	CXorf48	chromosome	BJHCC20A CT	54967
1554557_at	0.17753425	-0.12099376	ATP11B	ATPase, class	'ATPIF ATPIR	23200
226153_s_at	0.0435093	0.01305199	CNOT6L	CCR4-NOT tra	CCR4b	246175
218456_at	-0.56643106	0.62305221	CAPRIN2	caprin family	1C1QDC1 EEG-	65981
1552557_a_at	0	0.0570157	ZDHHC15	zinc finger, D	FLJ31812 MG	158866
225871_at	0.14472412	-0.08768432	STEAP2	six transmeml	IPCA1 PCANA	261729
230051_at	0.3751985	-0.31775061	C10orf47	chromosome	MGC35403	254427
227632_at	0.13040773	-0.07272766	TBC1D24	TBC1 domain	KIAA1171 MG	57465
204568_at	-0.05267109	0.1106612	KIAA0831	KIAA0831	ATG14 MGC1	22863
228384_s_at	-0.20226582	0.26063326	PYROXD2	pyridine nucle	C10orf33 FLJ:	84795
214778_at	0.26747915	-0.20860927	MEGF8	multiple EGF-I	C19orf49 EGF	1954
221653_x_at	0.07379167	-0.01489031	APOL2	apolipoprotei	APOL-II APOL	23780
228998_at	-0.06340844	0.12253253	TNRC6B	trinucleotide	1KIAA1093	23112
218076_s_at	-0.10248873	0.16184332	ARHGAP17	Rho GTPase a	DKFZp564A13	55114
223220_s_at	0.04439964	0.01512428	PARP9	poly (ADP-rib	BAL BAL1 DK	83666

222626_at	0.19618577	-0.13665441	RBM26	RNA binding n	ARRS2 C13orf	64062
217478_s_at	0.06007944	0	HLA-DMA	major histoco	D6S222E DM	3108
218735_s_at	0	0.06015451	ZNF544	zinc finger prc	-	27300
204037_at	-0.05899709	0.11921373	LPAR1	lysophosphati	EDG2 GPR26	1902
222549_at	0.35131826	-0.29079855	CLDN1	claudin 1	CLD1 ILVASC	9076
221677_s_at	0.0541114	0.00680345	DONSON	downstream r	B17 C21orf6C	29980
205613_at	-0.07422589	0.13525156	SYT17	synaptotagmi	-	51760
203595_s_at	-0.02413368	0.08578747	IFIT5	interferon-ind	FLJ53857 FLJ	24138
238706_at	0.05252502	0.00939808	PAPD4	PAP associate	FLJ38499	167153
1554600_s_at	0.39314445	-0.33088231	LMNA	lamin A/C	CDCD1 CDDC	4000
1557593_at	0.04834867	0.01450632	SPAG17	sperm associa	DKFZp434B06	200162
205035_at	-0.28679025	0.34982602	CTDP1	CTD (carboxy-	CCFDN FCP1	9150
225866_at	0.10258412	-0.03905917	RPF2	ribosome pro	BXDC1 FLJ210	84154
226863_at	0.03364326	0.03006707	FAM110C	family with se	-	642273
213194_at	-0.02977956	0.09379664	ROBO1	roundabout, a	DUTT1 FLJ218	6091
1552257_a_at	-0.3638623	0.42895061	TLL12	tubulin tyrosir	FLJ41795 KIA	23170
238508_at	0.12736213	-0.06187164	DBF4B	DBF4 homolo	ASKL1 DRF1	80174
229175_at	-0.09705516	0.16288335	SMYD4	SET and MYNI	KIAA1936 ZM	114826
240084_at	0.38545915	-0.3193719	CBX2	chromobox hc	CDCA6 M33	84733
225955_at	0.21894568	-0.15232087	LOC653506	similar to met	-	653506
207610_s_at	0.1127598	-0.04539698	EMR2	egf-like modu	CD312 DKFZp	30817
204822_at	0.11657454	-0.04872875	TTK	TTK protein ki	CT96 ESK FLJ	7272
203643_at	-0.23704992	0.30510711	ERF	Ets2 represso	PE-2 PE2	2077
214306_at	-0.01164262	0.08034867	OPA1	optic atrophy	FLJ12460 KIA	4976
213499_at	-0.16468195	0.23367959	CLCN2	chloride chan	CIC-2 CLC2 E	1181
206862_at	0	0.06902873	ZNF254	zinc finger prc	BMZF-5 FLJ58	9534
228954_at	0.3497236	-0.2799941	LYSMD4	LysM, putativ	FLJ33008 MG	145748
218068_s_at	-0.05286208	0.12285515	ZNF672	zinc finger prc	FLJ22301	79894
206571_s_at	-0.30403711	0.37492553	MAP4K4	mitogen-activ	FLH21957 FLJ	9448
223201_s_at	-0.01428411	0.08545007	TMEM164	transmembra	FLJ20173 FLJ	84187
223584_s_at	0.47705102	-0.40561116	KBTBD2	kelch repeat a	BKLHD1	25948
204353_s_at	0.40702263	-0.33390424	POT1	POT1 protecti	DKFZp586D21	25913
228198_s_at	-0.21378688	0.28720033	LOC729234	fumarylaceto	-	729234
1563367_at	0.073678	0	LOC10012897	hypothetical L	-	10012897
227866_at	0.12425094	-0.04945656	LOC729436	NA	NA	NA
1552286_at	0.23975789	-0.16407462	ATP6V1E2	ATPase, H+ tr	ATP6E1 ATP6	90423
243661_at	0.16126913	-0.08545358	ZNF273	zinc finger prc	HZF9 MGC12	10793
226456_at	-0.05663965	0.13276835	C16orf75	chromosome	BLAP18 MGC	116028
210377_at	0.13283613	-0.05658699	ACSM3	acyl-CoA synt	SA SAH	6296
203935_at	-0.02004997	0.0963008	ACVR1	activin A rece	ACTRI ACVR1	90
209709_s_at	0.86132483	-0.78480321	HMMR	hyaluronan-m	CD168 IHABP	3161
201411_s_at	0.19461604	-0.11707084	PLEKHB2	pleckstrin hon	EVT2 FLJ2078	55041
221063_x_at	-0.00504127	0.08268767	RNF123	ring finger prc	DKFZp686C22	63891
206034_at	0.1888783	-0.11103177	SERPINB8	serpin peptid	CAP2 PI8	5271
1559633_a_at	0.07811556	0	CHRM3	cholinergic rei	HM3	1131
211470_s_at	0.07864659	0	SULT1C2	sulfotransfera	ST1C1 ST1C2	6819
215184_at	-0.35182163	0.43081129	DAPK2	death-associa	DRP-1 DRP1	23604
230697_at	0.90745119	-0.82839483	BBS5	Bardet-Biedl s	-	129880



218935_at	-6.78E-05	0.07932319	EHD3	EH-domain co PAST3	30845
212607_at	0	0.07929804	AKT3	v-akt murine t DKFZp434N02	10000
1554264_at	0.71290381	-0.6333198	CKAP2	cytoskeleton t DKFZp686L12	26586
213301_x_at	-0.32737428	0.40717404	TRIM24	tripartite mot PTC6 RNF82	8805
207020_at	0.07999846	0	HSF2BP	heat shock tra-	11077
226901_at	0.41986586	-0.33968488	C17orf58	chromosome MGC138278	284018
226794_at	-0.03787263	0.11834102	STXBP5	syntaxin bindi FLJ30922 LGL	134957
221569_at	-0.0401538	0.12087393	AHI1	Abelson helpe AHI-1 DKFZp6	54806
219641_at	0.35942992	-0.27842724	DET1	de-etiolated h FLJ10103 MG	55070
238063_at	0	0.08102434	TMEM154	transmembrai FLJ32028	201799
227540_at	0.06591526	0.01556604	EEFSEC	eukaryotic elo EFSEC SELB	60678
243688_at	-0.26802907	0.34974452	MGC45800	hypothetical L-	90768
1568680_s_at	-0.13627478	0.21811075	YTHDC2	YTH domain c-	64848
202107_s_at	-0.03154672	0.11382861	MCM2	minichromosc BM28 CCNL1	4171
235779_at	-0.24952425	0.33279023	LOC284408	hypothetical t-	284408
201161_s_at	0.23216083	-0.14871465	CSDA	cold shock doi CSDA1 DBPA	8531
202283_at	0.19458425	-0.11086577	SERPINF1	serpin peptidæ EPC-1 PEDF F	5176
206370_at	0.08396958	0	PIK3CG	phosphoinosit PI3CG PI3K P	5294
222528_s_at	0.23127544	-0.14721281	SLC25A37	solute carrier HT015 MFRN	51312
217852_s_at	0.04343446	0.04085278	ARL8B	ADP-ribosylati ARL10C FLJ1C	55207
220843_s_at	0	0.08450224	DCAF13	DDB1 and CUI DKFZp564O04	25879
227411_at	-0.21717056	0.30172121	WTIP	Wilms tumor -	126374
202390_s_at	-0.12845841	0.21352901	HTT	huntingtin HD IT15	3064
205930_at	-0.03305364	0.11835399	GTF2E1	general transc FE TF2E1 TFII	2960
218714_at	0.05909155	0.02624668	PRR14	proline rich 14 DKFZp781A13	78994
216836_s_at	-0.2502304	0.33559223	ERBB2	v-erb-b2 erytþ CD340 HER-2	2064
242463_x_at	-0.05951047	0.14494314	ZNF600	zinc finger prc DKFZp686F06	162966
206782_s_at	0.57128051	-0.48530975	DNAJC4	DnaJ (Hsp40) DANJC4 HSPF	3338
1555326_a_at	0.33061802	-0.24404877	ADAM9	ADAM metallc CORD9 KIAAC	8754
201505_at	-0.08130288	0.16885065	LAMB1	laminin, beta CLM MGC142	3912
206267_s_at	0.00415885	0.08399533	MATK	megakaryocyt CHK CTK DKF	4145
201911_s_at	0.0421897	0.04681948	FARP1	FERM, RhoGE CDEP MGC87	10160
239785_at	-0.15491078	0.24425287	DZIP1L	DAZ interactir DZIP2 FLJ328	199221
219341_at	-0.13297443	0.22244977	CLN8	ceroid-lipofus C8orf61 EPM	2055
230231_at	0.08993658	0	ITGBL1	integrin, beta- OSCP TIED	9358
202949_s_at	-0.01262031	0.10282323	FHL2	four and a hal AAG11 DRAL	2274
1554690_a_at	0.11506621	-0.02481493	TACC1	transforming, DKFZp686K18	6867
239377_at	-0.23088035	0.32121827	EIF1AD	eukaryotic tra MGC11102 h	84285
204633_s_at	-0.00673725	0.09748568	RPS6KA5	ribosomal pro MGC1911 M	9252
236273_at	-0.01502786	0.10606932	NBPF1	neuroblastom AB13 AB14 A	55672
219155_at	0.11924684	-0.02797144	PITPNC1	phosphatidylii RDGB-BETA R	26207
213097_s_at	-0.18277774	0.27431689	DNAJC2	DnaJ (Hsp40) MPHOSPH11	27000
212254_s_at	-0.17325176	0.26512602	DST	dystonin BP240 BPA B	667
1558093_s_at	0.43140862	-0.33951178	MATR3	matrin 3 DKFZp686K05	9782
224978_s_at	0.26502767	-0.17289328	USP36	ubiquitin spec DUB1	57602
235201_at	0.0815839	0.01108012	FOXP2	forkhead box CAGH44 DKF	93986
1556414_at	-0.09331841	0.18644695	C21orf71	chromosome PRED21	282566
216080_s_at	0.34693314	-0.2537216	FADS3	fatty acid des: CYB5RP LLCD	3995

223689_at	0.15581474	-0.06224085	IGF2BP1	insulin-like grc CRD-BP CRDB	10642
209060_x_at	0.08603216	0.00759857	NCOA3	nuclear recep ACTR AIB-1 A	8202
221856_s_at	0.11354646	-0.01892499	FAM63A	family with se FLJ11280 FLJ4	55793
212067_s_at	0.35427324	-0.25882775	C1R	complement c-	715
202995_s_at	0.07015056	0.02539637	FBLN1	fibulin 1 FBLN	2192
230528_s_at	0.10944956	-0.01387254	MGC2752	hypothetical L FLJ18389 MG	65996
221846_s_at	0.00392614	0.09320439	CASKIN2	CASK interacti ANKS5B FLJ2:	57513
230421_at	0.41165725	-0.31442147	DKFZp686E24	NA NA NA	
224025_s_at	0.42693905	-0.32940617	ATG7	ATG7 autophæ APG7-LIKE AF	10533
226653_at	0.02435533	0.07318262	MARK1	MAP/microtut KIAA1477 MA	4139
208610_s_at	-0.0155877	0.11316511	SRRM2	serine/arginin 300-KD CWF2	23524
222651_s_at	-0.13603796	0.23367417	TRPS1	trichorhinoph GC79 LGCR N	7227
214545_s_at	0.21506379	-0.11739539	PROSC	proline synthe FLJ11861	11212
204193_at	-0.00995653	0.10814919	CHKB	choline kinase CHETK CHKL	1120
228556_at	0.09633877	0.00202003	YTHDC1	YTH domain c KIAA1966 YT!	91746
209925_at	0	0.0986296	OCN	occludin -	4950
1555384_a_at	0.01699497	0.08176535	LARP4	La ribonucleo DKFZp686E03	113251
1568913_at	0.24435413	-0.14546026	NSUN3	NOL1/NOP2/S FLJ22109 FLJ2	63899
217916_s_at	0.17626687	-0.07731155	FAM49B	family with se BM-009 DKF2	51571
215004_s_at	0.12119173	-0.0221366	SF4	splicing factor DKFZp434E22	57794
219596_at	0.11137593	-0.01189738	THAP10	THAP domain -	56906
207558_s_at	0.11753795	-0.01774917	PITX2	paired-like ho ARP1 Brx1 ID	5308
231798_at	-0.01231226	0.11215141	NOG	noggin SYM1 SYNS1	9241
206128_at	-0.50037341	0.60071622	ADRA2C	adrenergic, al ADRA2L2 ADP	152
231260_at	0.24116902	-0.14063089	BC036928	hypothetical r-	386758
233292_s_at	0.1860329	-0.08511335	ANKHD1	ankyrin repea MASK VBARP	54882
209973_at	0.26059463	-0.15899612	NFKBIL1	nuclear factor IKBL LST1 NF	4795
203233_at	0	0.10171663	IL4R	interleukin 4 r CD124 IL4RA	3566
203390_s_at	0	0.1019032	KIF3C	kinesin family -	3797
204702_s_at	0	0.10194411	NFE2L3	nuclear factor NRF3	9603
203082_at	-0.16615055	0.26818392	BMS1	BMS1 homolo BMS1L KIAA0	9790
223039_at	0.03677875	0.0655714	C22orf13	chromosome LLN4 MGC18:	83606
222633_at	0.06860177	0.03401977	TBL1XR1	transducin (bè C21 DC42 FL	79718
230972_at	-0.01906785	0.12216769	ANKRD9	ankyrin repea MGC21990	122416
221735_at	0.05875985	0.04436015	WDR48	WD repeat do DKFZp686G17	57599
222853_at	0.16031932	-0.05690428	FLRT3	fibronectin let -	23767
235463_s_at	0.32064029	-0.21718475	LASS6	LAG1 homolo CerS6 MGC12	253782
224793_s_at	-0.08792151	0.19147974	TGFBR1	transforming {AAT5 ACVRLK	7046
209020_at	0.50177154	-0.39810846	C20orf111	chromosome HSPC207 Peri	51526
222199_s_at	-0.07109129	0.17476259	BIN3	bridging integ MGC14978	55909
215722_s_at	0.13548877	-0.03147154	SNRPA1	small nuclear -	6627
218836_at	-0.0280134	0.13232557	RPP21	ribonuclease f C6orf135 CA1	79897
239854_at	0.34130017	-0.23690552	C22orf41	chromosome THEG2	644186
214890_s_at	-0.04487707	0.14927568	FAM149A	family with se DKFZp564J10:	25854
242770_at	0	0.10456439	LOC642236	similar to FRG -	642236
222480_at	-0.12482191	0.22960614	UBE2Q1	ubiquitin-conj GTAP NICE-5	55585
210205_at	0.22947738	-0.12437349	B3GALT4	UDP-Gal:beta BETA3GALT4	8705
221016_s_at	-0.00720664	0.11258896	TCF7L1	transcription f TCF-3 TCF3	83439

209307_at	0.19883302	-0.09241159	SWAP70	SWAP switchii	FLJ39540 HSF	23075
230774_at	0.16123972	-0.05473782	PTGR2	prostaglandin	DKFZp686P10	145482
244640_at	-0.24774644	0.35436157	ZNF850P	zinc finger prc-		342892
209668_x_at	-0.12489803	0.23241806	CES2	carboxylester:	CE-2 CES2A1	8824
219895_at	0.20048316	-0.09246619	FAM70A	family with se	FLJ20716	55026
209529_at	0.10805066	0	PPAP2C	phosphatidic a	LPP2 PAP-2c	8612
221911_at	0.41516351	-0.30688413	ETV1	ets variant 1	DKFZp781L06	2115
221107_at	-0.06016228	0.16862397	CHRNA9	cholinergic rec	HSA243342 N	55584
228654_at	0.15618635	-0.04762753	SPIN4	spindlin famil	FLJ44984 MG	139886
205441_at	0.38219259	-0.27334557	OCEL1	occludin/ELL c	FLJ22709 FW	79629
203446_s_at	0.11115698	-0.00174478	OCRL	oculocerebror	INPP5F LOCR	4952
202837_at	0.12181428	-0.01199818	TRAFD1	TRAF-type zin	FLN29	10906
207714_s_at	0.16419133	-0.05378116	SERPINH1	serpin peptid	AsTP3 CBP1	871
223991_s_at	-0.04187014	0.15263332	LOC10013291	PRO1477	-	100132910
214203_s_at	0.18361604	-0.072805	PRODH	proline dehyd	FLJ33744 HSF	5625
227865_at	-0.05026439	0.16131456	C9orf103	chromosome b	A522I20.2	414328
216333_x_at	0.111061	0	TNXB	tenascin XB	HXBL TENX T	7148
225660_at	0.11167091	0	SEMA6A	sema domain,	HT018 KIAA1.	57556
229970_at	0.08945754	0.02329076	KBTBD7	kelch repeat a	DKFZp434E23	84078
209928_s_at	0	0.11390901	MSC	musculin (acti	ABF-1 ABF1 I	9242
222074_at	-0.11690553	0.23090394	UROD	uroporphyrinc	PCT	7389
226229_s_at	-0.10485047	0.21986544	SSU72	SSU72 RNA pc	FLJ13048 HSF	29101
219956_at	0.08405581	0.03115239	GALNT6	UDP-N-acetyl-	GALNAC-T6 G	11226
213905_x_at	0.15224739	-0.03656358	BGN	biglycan	DSPG1 PG-S1	633
242128_at	-0.15242553	0.26881511	OTX2	orthodenticle	MCOPS5 MG	5015
1555486_a_at	0.02559276	0.09119917	PRR5L	proline rich 5	FLJ14213 FLJ	79899
1553725_s_at	0.06918588	0.0484301	ZNF644	zinc finger prc	BM-005 KIAA	84146
229313_at	0.00401987	0.11370164	ANO5	anoctamin 5	GDD1 TMEM	203859
242064_at	0.11810831	0	SDK2	sidekick homc	FLJ10832 KIA	54549
214332_s_at	-0.4365361	0.55501866	TSFM	Ts translation	COXP3 EF-T:	10102
1554480_a_at	0.15631028	-0.03735714	ARMC10	armadillo rep	FLJ37850 MG	83787
227986_at	0.24869199	-0.12908516	ZNF343	zinc finger prc	FLJ39592 MG	79175
229082_at	-0.26794242	0.38772915	CCDC125	coiled-coil dor	KENAE	202243
205968_at	0.12927589	-0.00875261	KCNS3	potassium vol	KV9.3 MGC94	3790
216048_s_at	0.32181853	-0.20104399	RHOBTB3	Rho-related B	KIAA0878	22836
227434_at	0.13410347	-0.01322442	WBSCR17	Williams-Beur	DKFZp434I22:	64409
213311_s_at	-0.00960746	0.13092122	TCF25	transcription f	FKSG26 Hulp:	22980
226577_at	0.10608417	0.01565714	PSEN1	presenilin 1	AD3 FAD PS1	5663
227771_at	-0.29167099	0.41372231	LIFR	leukemia inhib	CD118 FLJ981	3977
209920_at	-0.45055226	0.57287267	BMPR2	bone morpho	BMPR-II BMP	659
212355_at	-0.0719373	0.19495603	KHNYN	KH and NYN d	KIAA0323	23351
225643_at	-0.02029119	0.1434711	MAPK1IP1L	mitogen-activ	C14orf32 MG	93487
232803_at	0.36063389	-0.23676106	FLJ31958	hypothetical L	-	143153
209238_at	0.23365942	-0.1095677	STX3	syntaxin 3	STX3A	6809
214390_s_at	0.27315889	-0.14905086	BCAT1	branched chai	BCT1 DKFZp6	586
204083_s_at	0.08180925	0.04238456	TPM2	tropomyosin	AMCD1 DA1	7169
204082_at	-0.13514297	0.25976016	PBX3	pre-B-cell leuk	-	5090
204197_s_at	0.04131035	0.08363859	RUNX3	runt-related tr	AML2 CBFA3	864

231984_at	0.33379893	-0.20867987	MTAP	methylthioad	MSAP c86fus	4507
204838_s_at	0	0.12537149	MLH3	mutL homolo	ξHNPCC7 MGC	27030
226558_at	-0.10576779	0.23190339	LOC389833	NA	NA NA	
211056_s_at	-0.23971961	0.36590274	SRD5A1	steroid-5-alpha-		6715
203968_s_at	-0.18984022	0.3163356	CDC6	cell division cy	CDC18L HsCD	990
212664_at	-0.59067892	0.71720823	TUBB4	tubulin, beta 4	TUBB5 beta-5	10382
218877_s_at	0.38209732	-0.2553942	TRMT11	tRNA methyl	tC6orf75 MDS	60487
212667_at	-0.16220763	0.28903593	SPARC	secreted prot	αON	6678
217911_s_at	0.13782378	-0.01051687	BAG3	BCL2-associa	tBAG-3 BIS CA	9531
205773_at	-0.08809197	0.21570193	CPEB3	cytoplasmic p	-	22849
201089_at	0.30334178	-0.17565298	ATP6V1B2	ATPase, H+ tr	αATP6B1B2 AT	526
202729_s_at	-0.72280369	0.85089862	LTBP1	latent transfo	MGC163161	4052
208633_s_at	-0.24962113	0.37834728	MACF1	microtubule-a	ABP620 ACF7	23499
206949_s_at	-0.20484419	0.33404935	RUSC1	RUN and SH3	DKFZp761A18	23623
223628_at	0.12984983	0	TMEM191A	transmembra	DKFZp434G1C	84222
207836_s_at	0.33579234	-0.20544228	RBPMS	RNA binding p	HERMES	11030
225769_at	0.34989283	-0.21860656	COG6	component of	COD2 DKFZp	57511
218629_at	-0.09406932	0.22539727	SMO	smoothened t	Gx SMOH	6608
200596_s_at	0.10233717	0.02925879	EIF3A	eukaryotic tra	EIF3 EIF3S10	8661
238478_at	-0.00725797	0.13902253	BNC2	basonuclin 2	BSN2 DKFZp6	54796
207034_s_at	0.04277924	0.08905774	GLI2	GLI family zinc	HPE9 THP1 T	2736
206675_s_at	-0.03716384	0.16942859	SKIL	SKI-like oncog	SNO SnoA Sn	6498
219303_at	-0.09779505	0.23007288	RNF219	ring finger prc	C13orf7 DKFZ	79596
202668_at	0.24656087	-0.11423012	EFNB2	ephrin-B2	EPLG5 HTKL	1948
204545_at	0.07394951	0.05928455	PEX6	peroxisomal b	PAF-2 PAF2 F	5190
220755_s_at	0.11782909	0.01612954	C6orf48	chromosome	D6S57 G8	50854
213415_at	0.60278637	-0.46881001	CLIC2	chloride intrac	CLIC2b XAP12	1193
208081_s_at	-0.13460583	0.26954787	ZNF442	zinc finger prc	FLJ14356	79973
206626_x_at	-0.43618602	0.57152584	SSX1	synovial sarco	CT5.1 MGC15	6756
235059_at	-0.33164362	0.46740743	RAB12	RAB12, mem	tFLJ45927 MG	201475
212247_at	0.0441484	0.09175487	NUP205	nucleoporin 2	C7orf14	23165
201587_s_at	0.16980283	-0.03385244	IRAK1	interleukin-1 r	IRAK pelle	3654
221811_at	-0.05547547	0.19153075	PGAP3	post-GPI attac	AGLA546 CAE	93210
201660_at	0.1121077	0.02512477	ACSL3	acyl-CoA synt	ACS3 FACL3 i	2181
202252_at	0.21598104	-0.07871984	RAB13	RAB13, mem	tGIG4	5872
201454_s_at	0.18207574	-0.04479093	NPEPPS	aminopeptida	MP100 PSA	9520
204967_at	-0.0622581	0.19989785	SHROOM2	shroom family	APXL DKFZp7	357
207031_at	-0.27668136	0.4144085	NKX3-2	NK3 homeobc	BAPX1 MGC1	579
206205_at	0.67731205	-0.53878899	MPHOSPH9	M-phase phos	DKFZp434J03	10198
219010_at	-0.08400766	0.22258756	C1orf106	chromosome	FLJ10901 MG	55765
1555886_at	0.33786908	-0.19920591	PDSS2	prenyl (decap	C6orf210 DLP	57107
203821_at	0.05731794	0.08164033	HBEGF	heparin-bindir	DTR DTS DTS	1839
224872_at	-0.13562538	0.27470039	DIP2B	DIP2 disco-int	KIAA1463 MC	57609
201105_at	0.38643097	-0.24732457	LGALS1	lectin, galacto	DKFZp686E23	3956
203859_s_at	-0.17157325	0.31162162	PALM	paralemmin	KIAA0270	5064
222408_s_at	0.41453431	-0.27422232	YPEL5	yippee-like 5	(CGI-127	51646
225911_at	-0.04674176	0.18739283	NPNT	nephronectin	EGFL6L POEM	255743
219949_at	0.48964426	-0.34883873	LRRC2	leucine rich re	-	79442

225912_at	0.42794054	-0.28685484	TP53INP1	tumor protein	DKFZp434M1:	94241
214455_at	0.59467071	-0.45340165	HIST1H2BC	histone cluste	H2B.1 H2B/I	8347
219793_at	0.47944895	-0.3380751	SNX16	sorting nexin	:DKFZp666H14	64089
225101_s_at	0.04488098	0.09654428	SNX14	sorting nexin	:MGC13217 R	57231
231430_at	0.24465357	-0.10293574	FAM181B	family with se	MGC33846	220382
201159_s_at	-0.18780792	0.32956329	NMT1	N-myristoyltr	εNMT	4836
212313_at	-0.16007211	0.30205721	CHMP7	CHMP family,	MGC29816	91782
228996_at	-0.07604672	0.21822509	RC3H1	ring finger anc	KIAA2025 RN	149041
226967_at	0	0.14218794	FIZ1	FLT3-interacti	FLJ00416 FLJ:	84922
212225_at	0.0259707	0.11713927	EIF1	eukaryotic tra	A121 EIF-1 Ei	10209
229975_at	0.02916677	0.11423252	BMPR1B	bone morpho	ALK-6 ALK6 C	658
205452_at	0.06828936	0.07562572	PIGB	phosphatidyl	iiMGC21236	9488
220039_s_at	0.41598226	-0.27177101	CDKAL1	CDK5 regulatc	FLJ20342 FLJ:	54901
1557100_s_at	-0.57347637	0.71787715	HECTD1	HECT domain	FLJ38315 KIA	25831
215215_s_at	0.33290385	-0.18699139	LOC81691	exonuclease	DKFZp434J03:	81691
227688_at	0	0.14619723	LRCH2	leucine-rich re	KIAA1495 MC	57631
227444_at	-0.00775998	0.15404154	NA	NA	NA	158947
211922_s_at	0.5303906	-0.38394255	CAT	catalase	MGC138422	847
223854_at	0.54812518	-0.40166078	PCDHB10	protocadherin	PCDH-BETA10	56126
238488_at	0.15805309	-0.01117009	LRRC70	leucine rich re	DKFZp686E10	100130733
211178_s_at	0.1469138	0	PSTPIP1	proline-serine	CD2BP1 CD2E	9051
201776_s_at	-0.27279938	0.41978484	KIAA0494	KIAA0494	RP11-8J9.3	9813
217862_at	0.22036891	-0.07336862	PIAS1	protein inhibit	DDXBP1 GBP	8554
204634_at	0.14432301	0.00284031	NEK4	NIMA (never i	MGC33171 N	6787
220253_s_at	0.57642551	-0.42890017	LRP12	low density li	DKFZp781F10	29967
1554449_at	0.26558204	-0.11767465	MIER3	mesoderm inc	DKFZp686L09	166968
227640_s_at	0.00449188	0.14389976	RP9	retinitis pigm	εPAP-1	6100
205197_s_at	0	0.14842794	ATP7A	ATPase, Cu <sup>++</sup>	FLJ17790 MK	538
219489_s_at	0.14562119	0.0029172	RHBDL2	rhomboïd, vei	MGC16997 R	54933
223300_s_at	0.21220836	-0.06333582	CCDC82	coiled-coil dor	FLJ23518 HSF	79780
222803_at	0.14887813	0	PRTFDC1	phosphoribos	FLJ11888 HH	56952
234924_s_at	-0.12578349	0.27467202	ZNF687	zinc finger prc	DKFZp781I17:	57592
236359_at	0.46952351	-0.32054318	SCN4B	sodium chann	-	6330
212101_at	-0.26488274	0.41395072	KPNA6	karyopherin a	FLJ11249 IPO	23633
200856_x_at	0.36649608	-0.2168859	LOC10013391	NA	NA	NA
218152_at	0.06531884	0.08432052	HMG20A	high-mobility	FLJ10739 HM	10363
229295_at	-0.33044633	0.48009544	LOC150166	hypothetical	ç-	150166
212521_s_at	0.04070177	0.10912461	PDE8A	phosphodiester	FLJ16150 HsT	5151
202720_at	-0.42919888	0.57959929	TES	testis derived	DKFZp586B20	26136
212420_at	0.15833478	-0.00789273	ELF1	E74-like facto	-	1997
228718_at	-0.63526855	0.78586752	ZNF44	zinc finger prc	DKFZp434F18	51710
204248_at	-0.17176459	0.32244723	GNA11	guanine nucle	GNA-11	2767
239135_at	-0.00617992	0.1570957	CPPED1	calcineurin-lik	CSTP1 FLJ111	55313
232117_at	0.0834843	0.06750428	ZNF471	zinc finger prc	ERP1 KIAA13:	57573
238853_at	-1.1290902	1.28047553	RAB3IP	RAB3A interac	FLJ14660 FLJ:	117177
204887_s_at	-0.07138314	0.22307471	PLK4	polo-like kina	εSAK STK18	10733
239572_at	-0.7456886	0.89793979	GJA3	gap junction p	CX46 CZP3	2700
232873_at	0.29074531	-0.13838358	ZNF33A	zinc finger prc	FLJ23404 KIA	7581

230511_at	0.51182694	-0.35903193	CREM	cAMP respons	ICER MGC111	1390
210150_s_at	-0.07245374	0.22604405	LAMA5	laminin, alpha	KIAA1907	3911
214240_at	0.38151434	-0.22724148	GAL	galanin preprc	GALN GLNN G	51083
232884_s_at	0	0.15442547	ZNF853	zinc finger prc	DKFZp434J10:	54753
210153_s_at	0.40524986	-0.25059626	ME2	malic enzyme	ODS1	4200
205514_at	0.0118029	0.14310015	ZNF415	zinc finger prc	FLJ11191	55786
221088_s_at	-0.4412811	0.5966532	PPP1R9A	protein phosp	FLJ20068 KIA	55607
220734_s_at	-0.03721135	0.19268382	GLTPD1	glycolipid tran	MGC10334	80772
229420_at	0.27037893	-0.114624	RPL23A	ribosomal pro	FLJ27455 MD	6147
230526_at	0.04831938	0.1074872	LOC10013109	hypothetical L	FLJ35597 FLJ:	100131096
206846_s_at	0.06233655	0.09396272	HDAC6	histone deace	FLJ16239 HD	10013
205222_at	0.16530398	-0.00854779	EHHADH	enoyl-Coenzym	ECHD L-PBE I	1962
212458_at	-0.00624118	0.16325339	SPRED2	sprouty-relate	FLJ21897 FLJ:	200734
1558796_a_at	-0.13898519	0.29647072	LOC728052	similar to hCG	-	728052
221215_s_at	0.39389601	-0.23638729	RIPK4	receptor-inter	ANKK2 ANKRI	54101
236076_at	0.05696816	0.10064815	LOC257396	hypothetical p-	-	257396
225273_at	-0.25922352	0.41733081	WWC3	WWC family n	BM042 KIAA1	55841
217778_at	0.079981	0.07824377	SLC39A1	solute carrier	ZIP1 ZIRTL	27173
224762_at	0.18890904	-0.03063662	SERINC2	serine incorporc	FKSG84 MGC	347735
1556336_at	0.12454886	0.03376592	RBMX	RNA binding n	HNRPG RBM>	27316
235263_at	-0.04484416	0.20318978	STAG3L2	stromal antigen	MGC131759	442582
222151_s_at	0.19186619	-0.03314622	CEP63	centrosomal p-	FLJ13386 MG	80254
222493_s_at	0.14293889	0.01593083	ZFAND3	zinc finger, AN	FLJ13222 FLJ:	60685
203387_s_at	-0.06649441	0.2263275	TBC1D4	TBC1 domain	AS160 DKFZp	9882
202072_at	-0.09699772	0.25724988	HNRNPL	heterogeneous	FLJ35509 HNI	3191
227648_at	0.23555271	-0.07435851	C22orf32	chromosome	DDDD dJ186C	91689
202761_s_at	0.09147274	0.07079169	SYNE2	spectrin repea	DKFZp434H22	23224
226683_at	-0.16127646	0.32366188	SNX18	sorting nexin	:FLJ11997 FLJ:	112574
216041_x_at	0.09241548	0.06999441	GRN	granulin	GEP GP88 PC	2896
1553055_a_at	0.15392293	0.00853761	SLFN5	schlafen famil	MGC150611	162394
236824_at	0.07127944	0.09166827	TMEM132B	transmembran	KIAA1786 KIA	114795
226435_at	0	0.16330644	PAPLN	papilin, prote	DKFZp434F05	89932
209732_at	0.60853988	-0.44494378	CLEC2B	C-type lectin c	AICL CLECSF2	9976
226722_at	-0.13419519	0.29789177	FAM20C	family with se	DKFZp547C07	56975
226838_at	0.39935851	-0.23502927	TTC32	tetratricopept	-	130502
229145_at	0.10210898	0.06230071	C10orf104	chromosome	FLJ33728 bA5	119504
223353_at	0.01481128	0.15004572	HCCA2	HCCA2 protei	MOB2	81532
227708_at	0.19642325	-0.03040219	EEF1A1	eukaryotic tra	CCS-3 CCS3 E	1915
201200_at	-0.03302541	0.19919174	CREG1	cellular repres	CREG	8804
228850_s_at	0.12026803	0.04641514	SLIT2	slit homolog 2	FLJ14420 SLIL	9353
1554168_a_at	0.12650437	0.04029797	SH3KBP1	SH3-domain k	CIN85 GIG10	30011
242456_at	0	0.16680877	MRE11A	MRE11 meioti	ATLD HNGS1	4361
203739_at	-0.07874203	0.24576449	ZNF217	zinc finger prc	ZABC1	7764
219740_at	-0.40274688	0.56985756	VASH2	vasohibin 2	FLJ12505 RP1	79805
228791_at	0	0.16775588	LOC10012950	hypothetical p-	-	100129502
222787_s_at	0.15282267	0.01522865	TMEM106B	transmembran	FLJ11273 MG	54664
243550_at	0.71311994	-0.5435929	ZDHC21	zinc finger, Df-	-	340481
205822_s_at	0.70718592	-0.53762228	HMGCS1	3-hydroxy-3-n	HMGCS MGC	3157

223276_at	0.65770773	-0.48790645	C5orf62	chromosome MGC117221	85027
218801_at	0.45177842	-0.28193776	UGGT2	UDP-glucose $\xi$ FLJ10873 FLJ:	55757
225613_at	0.12002173	0.05001709	MAST4	microtubule a DKFZp686E18	375449
201374_x_at	0.44947486	-0.27940298	PPP2CB	protein phosphoPPP2CB	5516
202814_s_at	0.09671617	0.07348045	HEXIM1	hexamethyler CLP1 EDG1 F	10614
238547_at	0.11918479	0.05122239	HEXIM2	hexamethylene FLJ32384 L3	124790
208624_s_at	-0.28634142	0.45706761	EIF4G1	eukaryotic tra DKFZp686A14	1981
205110_s_at	0.30308138	-0.13172413	FGF13	fibroblast grov FGF2 FHF-2 F	2258
239831_at	0.01176196	0.15962084	TMEM106C	transmembrai MGC111210	79022
210407_at	0.25891964	-0.08686356	PPM1A	protein phosphoFLJ42306 MG	5494
210387_at	-0.50420981	0.67744919	HIST1H2BG	histone cluste H2B.1A H2B/	8339
212452_x_at	0.32660035	-0.15327143	MYST4	MYST histone DKFZp313G16	23522
226488_at	0.07246193	0.10109508	RCCD1	RCC1 domain MGC14386	91433
207559_s_at	0.29658484	-0.12269781	ZMYM3	zinc finger, M' DXS6673E KI/	9203
201581_at	0.24166369	-0.06753248	TMX4	thioredoxin-re DJ971N18.2 f	56255
212617_at	0.10503616	0.06911479	ZNF609	zinc finger prc KIAA0295 MC	23060
203178_at	0	0.1743326	GATM	glycine amidir AGAT AT	2628
51228_at	0.1900557	-0.0154207	RBM12B	RNA binding n MGC:33837	389677
226077_at	0.44105594	-0.26611948	RNF145	ring finger prc DKFZp686M1:	153830
226152_at	0.01125952	0.16378311	TTC7B	tetratricopept TTC7L1 c14_5	145567
235037_at	0.28515297	-0.11004508	TMEM41A	transmembrai 2900010K02R	90407
213188_s_at	-0.17933462	0.35466509	MINA	MYC induced DKFZp762O15	84864
201933_at	-0.08159313	0.25703053	CHMP1A	chromatin mo CHMP1 KIAA	5119
207183_at	-0.03296708	0.20845489	GPR19	G protein-cou -	2842
226602_s_at	-0.11353613	0.28920004	BCR	breakpoint cl ALL BCR1 CM	613
206860_s_at	0.13776789	0.03844255	MIOS	missing oocyte FLJ20323	54468
218005_at	0.17650756	0	ZNF22	zinc finger prc HKR-T1 KOX1	7570
221486_at	0.234507	-0.05780438	ENSA	endosulfine al ARPP-19e MC	2029
1553148_a_at	0.17375411	0.00341427	SNX13	sorting nexin : KIAA0713 RG	23161
218704_at	0.2044036	-0.02705836	RNF43	ring finger prc DKFZp781H02	54894
219659_at	0.06611229	0.11178612	ATP8A2	ATPase, aminc ATP ATPIB DI	51761
230165_at	0.40783004	-0.22992784	SGOL2	shugoshin-like FLJ25211 MG	151246
212801_at	0.31689542	-0.13890013	CIT	citron (rho-int CRIK KIAA094	11113
204717_s_at	-0.32877915	0.50698914	SLC29A2	solute carrier DER12 ENT2	3177
203843_at	-0.02479108	0.20379549	RPS6KA3	ribosomal pro CLS HU-3 ISP	6197
241747_s_at	0.179399	-0.00027165	CUL7	cullin 7 KIAA0076 dJ2	9820
201383_s_at	0.52536862	-0.34612389	NBR1	neighbor of BI1A1-3B FLJ55	4077
219257_s_at	0.22780549	-0.04853317	SPHK1	sphingosine ki SPHK	8877
213040_s_at	0.08239761	0.09806826	NPTXR	neuronal pent NPR	23467
220137_at	0.174879	0.00598649	VSIG10	V-set and imr FLJ20674 MG	54621
242012_at	0.18125605	0	LOC10013262	hypothetical L -	100132625
203723_at	-0.00027097	0.18172212	ITPKB	inositol 1,4,5-IP3K IP3K-B I	3707
235584_at	0.00589398	0.17566643	LOC285033	hypothetical r MGC126779	285033
238860_at	0.12013882	0.06155672	C6orf130	chromosome MGC19570 d.	221443
232238_at	0.23428909	-0.05257479	ASPM	asp (abnorma ASP Calmbp1	259266
217914_at	-0.03605752	0.21806491	TPCN1	two pore segr FLJ20612 KIA.	53373
212332_at	0.0234238	0.15858519	RBL2	retinoblastom FLJ26459 P13	5934
216609_at	0.39415355	-0.21172008	TXN	thioredoxin DKFZp686B19	7295

207524_at	0.2783143	-0.09552729	ST7	suppression o	DKFZp762021	7982
218452_at	0.28876178	-0.10502802	SMARCAL1	SWI/SNF relat	HARP HHARP	50485
204301_at	0.22225673	-0.03834367	KBTBD11	kelch repeat a	KIAA0711 KLF	9920
229350_x_at	0.2428544	-0.05877417	PARP10	poly (ADP-ribo	FLJ14464	84875
201681_s_at	-0.09175847	0.27646496	DLG5	discs, large ho	KIAA0583 LP-	9231
218174_s_at	0.36634462	-0.18151648	C10orf57	chromosome	FLJ13263 bA3	80195
212673_at	0.17463107	0.01058917	METAP1	methionyl am	DKFZp781C04	23173
227820_at	0.18103309	0.00420666	TBC1D25	TBC1 domain	MG81 MGC1:	4943
231018_at	-0.07136402	0.25670902	PALM3	Paralemmin-3-		342979
208933_s_at	0	0.18574387	LGALS8	lectin, galacto	Gal-8 PCTA-1	3964
201236_s_at	0.39680183	-0.21060099	BTG2	BTG family, m	MGC126063	7832
221902_at	-0.14388951	0.33010682	GPR153	G protein-cou	DKFZp762B22	387509
215417_at	0.06936353	0.11720501	EXOC6B	exocyst comp	KIAA0919 SEC	23233
212552_at	-0.06007683	0.2472267	HPCAL1	hippocalcin-li	kBDR1 HLP2 V	3241
223322_at	0.1191012	0.06812213	RASSF5	Ras associatio	MGC10823 M	83593
204177_s_at	0.17331109	0.01399849	KLHL20	kelch-like 20	(KHLHX KLEIP	27252
219711_at	0.16578571	0.0216835	ZNF586	zinc finger prc	FLJ20070	54807
211538_s_at	-0.04143891	0.22921304	HSPA2	heat shock 70	HSP70-2 HSP	3306
209570_s_at	0.18103149	0.00688658	D4S234E	DNA segment	D4S234 NEEP	27065
209008_x_at	0.18815079	3.79E-05	KRT8	keratin 8	CARD2 CK8 C	3856
209788_s_at	0.27117615	-0.08257818	ERAP1	endoplasmic r	A-LAP ALAP /	51752
202247_s_at	-0.26304948	0.45212705	MTA1	metastasis ass-		9112
208223_s_at	0.12268077	0.06661828	ACVR1B	activin A rece	ACTRIB ACVR	91
1564426_x_at	0	0.18972549	LOC389634	hypothetical L-		389634
242569_at	0.44692943	-0.25715961	STAM2	signal transdu	DKFZp564C04	10254
235256_s_at	0.57508695	-0.38526181	GALM	galactose mut	BLOCK25 IBD	130589
205986_at	-0.01251564	0.20242214	AATK	apoptosis-ass	AATYK AATYK	9625
205181_at	0.18041664	0.00959372	ZNF193	zinc finger prc	PRD51 ZSCAN	7746
230678_at	0.43151493	-0.2414543	RGS5	regulator of G	MST092 MST	8490
205646_s_at	0.23633238	-0.04566832	PAX6	paired box 6	AN AN2 D11:	5080
226530_at	-0.04377582	0.2345693	BMF	Bcl2 modifyin	FLJ00065	90427
215071_s_at	1.04293522	-0.85165118	HIST1H2AC	histone cluste	H2A/I H2AFL	8334
204662_at	0.16358124	0.02782284	CP110	CP110 proteir	DKFZp781G14	9738
229515_at	-0.24175355	0.43332823	PAWR	PRKC, apopto:	PAR4 Par-4	5074
202826_at	-0.23227047	0.42389413	SPINT1	serine peptid	HAI HAI1 MA	6692
206046_at	0.78390206	-0.59225864	ADAM23	ADAM metallo	MDC3	8745
211852_s_at	0.56987631	-0.37822139	ATRN	attractin	DPPT-L KIAAC	8455
211068_x_at	0.07860852	0.11312753	FAM21C	family with se	FAM21A KIAA	253725
205510_s_at	0.4015474	-0.20973845	FLJ10038	hypothetical p-		55056
204099_at	0.140088	0.05173186	SMARCD3	SWI/SNF relat	BAF60C CRAC	6604
204345_at	0.01402329	0.17835514	COL16A1	collagen, type	447AA FP157	1307
219770_at	0.11124282	0.08117513	GTDC1	glycosyltransf	FLJ44822 mai	79712
205848_at	-0.22736456	0.42030585	GAS2	growth arrest	MGC32610	2620
201951_at	0.29993875	-0.10677218	ALCAM	activated leuk	CD166 FLJ385	214
221814_at	-0.16837973	0.36164053	GPR124	G protein-cou	DKFZp434C21	25960
229444_at	0.62923058	-0.43545837	LOC729776	NA	NA NA	NA
226853_at	0.17583433	0.0192787	BMP2K	BMP2 inducib	BIKE DKFZp43	55589
223218_s_at	0.22634843	-0.0305665	NFKBIZ	nuclear factor	FLJ30225 FLJ:	64332



212370_x_at	0.09579218	0.09999603	FAM21A	family with se bA56A21.1	387680
1557133_at	0.36590627	-0.1699812	RP1-177G6.2	hypothetical ꝑ-	286411
202180_s_at	0.69033983	-0.49379532	MVP	major vault pr LRP VAULT1	9961
211391_s_at	-0.01842812	0.21522166	PATZ1	POZ (BTB) anc MAZR PATZ F	23598
213457_at	0.11584815	0.08095248	MFHAS1	malignant fibr FLJ23354 LRR	9258
238603_at	-0.2531405	0.4503741	LOC254559	hypothetical L FLJ30148 FLJ:	254559
218634_at	0.55960995	-0.36233793	PHLDA3	pleckstrin hon TIH1	23612
214460_at	0.19731191	0	LSAMP	limbic system FLJ34254 FLJ:	4045
230055_at	0.41761882	-0.21979538	KHDC1	KH homology C6orf148 MG	80759
212467_at	-0.0221747	0.22025204	DNAJC13	DnaJ (Hsp40) FLJ25863 KIA.	23317
222544_s_at	0.28115232	-0.08300251	WHSC1L1	Wolf-Hirschhc DKFZp667H04	54904
200607_s_at	0.23451624	-0.03613397	RAD21	RAD21 homol FLJ25655 FLJ:	5885
207484_s_at	0.12504326	0.07358548	EHMT2	euchromatic t BAT8 C6orf3C	10919
212480_at	0.14956893	0.04933084	CYTA	cytospin A KIAA0376 SPt	23384
226816_s_at	0.03197949	0.16699144	KIAA1143	KIAA1143 -	57456
209338_at	-0.03559265	0.2352148	TFCP2	transcription fCP2 LBP-1C L	7024
219544_at	0.46401512	-0.26409631	C13orf34	chromosome BORA FLJ226:	79866
204985_s_at	0.44164697	-0.24129174	TRAPPC6A	trafficking pro HSPC289 MG	79090
219351_at	-0.01502748	0.21575622	TRAPPC2	trafficking pro MIP-2A SEDL	6399
205546_s_at	-0.0454909	0.24627067	TYK2	tyrosine kinas JTK1	7297
214660_at	0	0.20104466	ITGA1	integrin, alphæ CD49a VLA1	3672
225516_at	0.33285574	-0.1318076	SLC7A2	solute carrier ATRC2 CAT2	6542
219523_s_at	-0.08682161	0.28791252	ODZ3	odz, odd Oz/t FLJ10474 FLJ:	55714
203977_at	0.08999089	0.11123668	TAZ	tafazzin BTHS CMD3A	6901
241347_at	0.26814522	-0.06654539	NA	NA NA	57714
229552_at	0.17048693	0.03143562	LOC283454	hypothetical ꝑ-	283454
204786_s_at	0.19275091	0.00930415	IFNAR2	interferon (alꝑ IFN-R IFN-als	3455
1554384_at	0	0.20216539	PADI2	peptidyl argin KIAA0994 PAI	11240
244227_at	-0.01171092	0.21399067	SYT6	synaptotagmi -	148281
1557227_s_at	0.29862032	-0.09573898	TPR	translocated ꝑ-	7175
232772_at	0.27068582	-0.06711982	LOC221272	hypothetical L-	221272
218080_x_at	0.09993223	0.10366388	FAF1	Fas (TNFRSF6) CGI-03 FLJ37:	11124
203514_at	0.08475645	0.11886244	MAP3K3	mitogen-activ MAPKKK3 ME	4215
226820_at	-0.02840819	0.2323604	ZNF362	zinc finger prc FLJ25476 MG	149076
222826_at	0.15945514	0.04466067	PLDN	pallidin homo PA PALLID	26258
221809_at	0.03439003	0.16975879	RANBP10	RAN binding p FLJ31165 KIA.	57610
214841_at	-0.57237407	0.77661729	CNIH3	cornichon hor CNIH-3 FLJ38:	149111
213981_at	-0.2923441	0.49673832	COMT	catechol-O-m-	1312
209770_at	0.28668831	-0.08193487	BTN3A1	butyrophilin, sBT3.1 BTF5 C	11119
214954_at	-0.10384047	0.30880358	SUSD5	sushi domain KIAA0527	26032
1558014_s_at	0.25517948	-0.04997315	FAR1	fatty acyl CoA DKFZp686A03	84188
207983_s_at	0.18008716	0.02542515	STAG2	stromal antigæ DKFZp686P16	10735
242851_at	0.3149376	-0.10813384	KIAA1919	KIAA1919 MGC33953 N	91749
235271_s_at	0.96386679	-0.75695672	ZNF397	zinc finger prc MGC13250 ZI	84307
203151_at	-0.29480426	0.5019311	MAP1A	microtubule-a FLJ77111 MA	4130
236178_at	0.29513476	-0.08797546	C6orf162	chromosome DKFZp586E19	57150
213192_at	0.27852688	-0.07128523	THAP3	THAP domain MGC33488	90326
219238_at	0.34218086	-0.13471954	PIGV	phosphatidylii FLJ20477	55650

1560503_a_at	0.20807515	0	LOC10013027	hypothetical p-	100130275
244128_x_at	0	0.20822	GLIS1	GLIS family zif FLJ36155	148979
224937_at	-0.14502149	0.35326865	PTGFRN	prostaglandin CD315 CD9P-	5738
210508_s_at	0.20811182	0.00055408	KCNQ2	potassium vol BFNC EBN EE	3785
221764_at	-0.09603363	0.3060941	C19orf22	chromosome MGC16353	91300
228525_at	-0.30547669	0.51575098	LRP3	low density lip-	4037
224685_at	0.0242157	0.18635767	MLLT4	myeloid/lymp AF-6 AF6 AF/	4301
229623_at	0.2111632	0	TMEM150C	transmembrai FLJ12993	441027
226803_at	0	0.21150533	CHMP4C	chromatin mo MGC22825 SI	92421
1568658_at	0.26419002	-0.0526239	C2orf74	chromosome -	339804
206907_at	0.85058503	-0.63900183	TNFSF9	tumor necrosi 4-1BB-L CD13	8744
223253_at	-0.11034334	0.32199036	EPDR1	ependymin re EPDR MERP-1	54749
204028_s_at	0.15590429	0.05625446	RABGAP1	RAB GTPase a DKFZp586D21	23637
225530_at	-0.04743922	0.26006132	MOBK12A	MOB1, Mps O mobilak	126308
211993_at	-0.04327516	0.25594346	WNK1	WNK lysine de HSN2 HSN2	65125
225771_at	-0.38635926	0.59902974	AP1G1	adaptor-relate ADTG CLAPG:	164
205259_at	0.55589564	-0.34290861	NR3C2	nuclear recepti FLJ41052 MC	4306
239657_x_at	0.0926491	0.12155034	FOXO6	forkhead box -	100132074
218318_s_at	0.03497537	0.17923148	NLK	nemo-like kin: DKFZp761G12	51701
227692_at	0.02239131	0.19194386	GNAI1	guanine nucle Gi	2770
222610_s_at	0.4445309	-0.22963881	S100PBP	S100P binding DKFZp313K23	64766
207390_s_at	0.66850667	-0.45329005	SMTN	smoothelin FLJ35365 FLJ:	6525
228171_s_at	-0.20358803	0.41921224	PLEKHG4	pleckstrin hon DKFZp434I216	25894
204234_s_at	-0.09437188	0.31000013	ZNF195	zinc finger prc DKFZp666D03	7748
225412_at	0.55638026	-0.34011804	TMEM87B	transmembrai FLJ14681	84910
218035_s_at	0.4038726	-0.1874125	RBM47	RNA binding n DKFZp686F02	54502
223460_at	-0.16491133	0.38164362	CAMKK1	calcium/calmo CAMKKA DKF	84254
1552689_at	-0.1560331	0.3728443	CASKIN1	CASK interacti ANKS5A	57524
227420_at	0.79031487	-0.57312554	TNFAIP8L1	tumor necrosi MGC17791	126282
38918_at	0.0652259	0.15230031	SOX13	SRY (sex deter ICA12 MGC11	9580
241994_at	0.26731366	-0.04959912	XDH	xanthine dehy XO XOR	7498
236507_at	-0.06415705	0.28188327	ZDHHC3	zinc finger, D- DKFZp313D23	51304
202284_s_at	0.71021928	-0.49215553	CDKN1A	cyclin-depend CAP20 CDKN:	1026
219126_at	0.09270419	0.12564115	PHF10	PHD finger prc BAF45A FLJ10	55274
223078_s_at	0.17330238	0.04611443	TMOD3	tropomodulin UTMOD	29766
200847_s_at	0.34441362	-0.12498153	TMEM66	transmembrai FLJ22274 FO/	51669
232878_at	0	0.21968317	LOC644192	hypothetical L -	644192
204899_s_at	0.61210174	-0.39181267	SAP30	Sin3A-associat-	8819
205875_s_at	0.26908956	-0.04801368	TREX1	three prime re AGS1 CRV Dh	11277
211965_at	-0.2764905	0.49767486	ZFP36L1	zinc finger prc BRF1 Berg36	677
204067_at	0.22137183	0	SUOX	sulfite oxidase -	6821
227601_at	0.00322647	0.21838972	METTL14	methyltransfe KIAA1627	57721
1555125_at	0.08861405	0.13315578	C21orf66	chromosome BM020 FLJ90	94104
203164_at	0.23999735	-0.01813474	SLC33A1	solute carrier ACATN AT-1	9197
204624_at	0.21309051	0.00935067	ATP7B	ATPase, Cu++ PWD WC1 W	540
207068_at	-0.4496987	0.67216693	ZFP37	zinc finger prc FLJ38524	7539
226294_x_at	0.00652704	0.21594566	FAM91A1	family with se DKFZp666B10	157769
201732_s_at	0.30616219	-0.08348458	CLCN3	chloride chan: CLC3 CLC-3	1182

211773_s_at	-0.0027672	0.22604737	ZKSCAN3	zinc finger wit FLJ33906 KIA	80317
210018_x_at	0.89626151	-0.67271473	MALT1	mucosa assoc DKFZp434L13	10892
239108_at	-0.20304352	0.42856362	FAR2	fatty acyl CoA FLJ10462 ML	55711
210448_s_at	0.22463009	0.00089252	P2RX5	purinergic rec LRH-1 MGC47	5026
204163_at	-0.18597858	0.41175496	EMILIN1	elastin microfi DKFZp586M1:	11117
206572_x_at	-0.30067867	0.52759834	ZNF85	zinc finger prc HPF4 HTF1 N	7639
212665_at	0.30488239	-0.07794477	TIPARP	TCDD-inducibl DDF1 DKFZp4	25976
209905_at	0.25277209	-0.02567125	HOXA9	homeobox A9 ABD-B HOX1	3205
211924_s_at	0.18721398	0.03998111	PLAUR	plasminogen ε CD87 UPAR U	5329
235758_at	-0.41110824	0.63851007	PNMA6A	paraneoplasti MGC15827	84968
213019_at	0.01780448	0.2096861	RANBP6	RAN binding p FLJ54311	26953
227347_x_at	0.24609662	-0.01802844	HES4	hairy and enh:bHLHb42	57801
1555476_at	0.41349416	-0.18532197	IREB2	iron-responsiv ACO3 FLJ233:	3658
216347_s_at	0.4063741	-0.17802309	PPP1R13B	protein phosp ASPP1 KIAAO	23368
237276_at	0.19832231	0.030049	NASP	nuclear autoa DKFZp547F16	4678
227937_at	0.50964896	-0.28107636	MYPOP	Myb-related t P42pop	339344
213093_at	0.09811253	0.13051222	PRKCA	protein kinase AAG6 MGC12	5578
211715_s_at	0.69956218	-0.47057591	BDH1	3-hydroxybutyl BDH MGC272	622
218641_at	-0.13472489	0.36376596	C11orf95	chromosome MGC3032	65998
204984_at	0.20179802	0.02738989	GPC4	glypican 4 K-glypican	2239
209477_at	0.12376024	0.10544098	EMD	emerin EDMD LEMD:	2010
239537_at	0	0.22922313	ST8SIA2	ST8 alpha-N-a HsT19690 MGC	8128
243225_at	0.42938241	-0.19997578	LOC283481	hypothetical f-	283481
1555827_at	0.30674533	-0.07693512	CCNL1	cyclin L1 BM-001 PRO:	57018
204557_s_at	0.04921898	0.18205565	DZIP1	DAZ interactir DZIP DZIPt1 I	22873
213526_s_at	0.16965514	0.06179211	LIN37	lin-37 homolo F25965 MGC:	55957
218988_at	-0.05598296	0.28765267	SLC35E3	solute carrier BLOV1	55508
205830_at	0.33175308	-0.09967831	CLGN	calmegin -	1047
241802_x_at	-0.27393894	0.50602502	GRM2	glutamate rec GLUR2 GPCR:	2912
224764_at	-0.08686705	0.31919391	ARHGAP21	Rho GTPase a ARHGAP10 D	57584
206690_at	-0.13441324	0.36729429	ACCN1	amiloride-sen ACCN ASIC2 ,	40
202599_s_at	0.23400112	0	NRIP1	nuclear recept FLJ77253 RIP:	8204
222456_s_at	0.01493134	0.21937386	LIMA1	LIM domain a EPLIN FLJ388:	51474
204029_at	-0.13651762	0.3712684	CELSR2	cadherin, EGF CDHF10 EGFL	1952
221042_s_at	1.18875967	-0.95332399	CLMN	calmin (calpor FLJ12383 FLJ:	79789
201003_x_at	0.17074233	0.06486106	TMEM189-UB	TMEM189-UB CROC1B KUA-	387522
223647_x_at	0.1032662	0.13352907	HSCB	HscB iron-sulf DNAJC20 HSC	150274
216248_s_at	0.20780966	0.02918225	NR4A2	nuclear recept HZF-3 NOT N	4929
205376_at	1.02734047	-0.79024975	INPP4B	inositol polypl MGC132014	8821
208683_at	-0.03168035	0.26877624	CAPN2	calpain 2, (m/ CANP2 CANPI	824
220240_s_at	0.34095312	-0.10360363	TMCO3	transmembrai C13orf11 FLJ:	55002
228425_at	0.20943585	0.02793611	LOC654433	hypothetical L DKFZp547P13	654433
210621_s_at	0.20439488	0.0337952	RASA1	RAS p21 prote CM-AVM CM,	5921
211981_at	-0.09320088	0.33171195	COL4A1	collagen, type arresten	1282
220744_s_at	0.24800339	-0.00859915	IFT122	intraflagellar t SPG WDR10	55764
201555_at	-0.16547879	0.405157	MCM3	minichromosc HCC5 MGC11	4172
201995_at	0.10236973	0.13731566	EXT1	exostoses (m EXT LGCR LG	2131
213425_at	-0.11511425	0.3551506	WNT5A	wingless-type hWNT5A	7474

206645_s_at	0.17159286	0.06925003	NROB1	nuclear receptor	AHC AHCH A	190
226108_at	-0.09271525	0.33431274	ZC3H18	zinc finger CC	FLJ22664 FLJ	124245
231219_at	0.12743521	0.11419806	CMTM1	CKLF-like MAF	CKLFH CKLFH	113540
227435_at	-0.12679576	0.36863406	KIAA2018	KIAA2018	DKFZp781001	205717
219114_at	-0.14534602	0.38721988	C3orf18	chromosome	G20	51161
202304_at	0.10615489	0.1365026	FNDC3A	fibronectin ty	FLJ31509 FNC	22862
201307_at	-0.2202628	0.46351221	11-Sep	septin 11	-	55752
227697_at	0	0.24333696	SOCS3	suppressor of	ATOD4 CIS3	9021
228595_at	0.43919742	-0.19542641	HSD17B1	hydroxysteroid	EDH17B2 EDH	3292
208308_s_at	-0.09288618	0.33673643	GPI	glucose phosph	AMF GNPI NI	2821
227224_at	0.10025191	0.14525966	RALGPS2	Ral GEF with	F FLJ10244 FLJ	55103
219577_s_at	0.60879656	-0.36328217	ABCA7	ATP-binding c	ABCA-SSN AB	10347
204813_at	0.55966051	-0.31361746	MAPK10	mitogen-activ	FLJ12099 FLJ	5602
202585_s_at	0.41083873	-0.16466083	NFX1	nuclear trans	DKFZp779G24	4799
218358_at	0.80881451	-0.56258882	CRELD2	cysteine-rich	DKFZp667005	79174
227446_s_at	0.3977359	-0.15136139	C14orf167	chromosome	PRO1488	55449
235145_at	0.25950576	-0.01307988	ZBTB7B	zinc finger anc	DKFZp686G01	51043
222573_s_at	0.17016339	0.07656623	SAV1	salvador hom	SAV WW45	60485
231530_s_at	0.25126377	-0.0044196	C11orf1	chromosome	FLJ23499	64776
228369_at	0.02301672	0.22415548	CNPY3	canopy 3 hom	CAG4A ERDA	10695
220788_s_at	-0.12014042	0.36731868	RNF31	ring finger prc	FLJ10111 FLJ	55072
207125_at	0.09544295	0.15263277	ZNF225	zinc finger prc	MGC119735	7768
229562_at	0.16589723	0.08260715	RPL10A	ribosomal pro	Csa-19 NEDD	4736
204720_s_at	0.31914369	-0.07050642	DNAJC6	DnaJ (Hsp40)	DJC6 KIAA047	9829
202628_s_at	0.29887513	-0.05021727	SERPINE1	serpin peptid	PAI PAI-1 PAI	5054
227025_at	-0.28891831	0.53762804	PPHLN1	periphilin 1	HSPC206 HSP	51535
203688_at	0.00074516	0.24920856	PKD2	polycystic kid	APKD2 MGC1	5311
229331_at	0	0.25022456	SPATA18	spermatogen	FLJ32906 SPE	132671
238039_at	0.58018164	-0.32867319	LOC728769	hypothetical	protein	728769
201422_at	0.26427397	-0.01275697	IFI30	interferon, ga	GILT IFI-30 IP	10437
228909_at	-0.05130719	0.30282612	LOC642852	hypothetical	L DKFZp547J12	642852
1553611_s_at	0.38327205	-0.13164727	KLHL35	kelch-like 35	( 26597 DKFZp	283212
219528_s_at	-0.10993212	0.3620934	BCL11B	B-cell CLL/lym	CTIP-2 CTIP2	64919
220911_s_at	-0.46151872	0.71412354	NYNRIN	NYN domain a	CGIN1 FLJ118	57523
212898_at	-0.23201312	0.48493392	KIAA0406	KIAA0406	-	9675
212944_at	-0.17830021	0.43142415	SLC5A3	solute carrier	SMIT SMIT2	6526
1559840_s_at	0.30418142	-0.05083514	TBX18	T-box 18	-	9096
1568609_s_at	0.48519456	-0.23145584	FLJ39739	hypothetical	F FLJ17098 FLJ	388685
225834_at	0.62390005	-0.36958767	GCUD2 FAM7	family with se	FLJ97145 GCI	728833
226793_at	0.02352703	0.23085105	LOC283267	hypothetical	L -	283267
217899_at	0.08926519	0.16521492	TMEM214	transmembran	FLJ20254 FLJ	54867
238602_at	0.2270097	0.02781077	DIS3L2	DIS3 mitotic	c FAM6A FLJ36	129563
220157_x_at	0.23605685	0.01992105	PLEKHA9	pleckstrin hon	FLJ14156	51054
222212_s_at	-0.00805774	0.26404617	LASS2	LAG1 homolo	q CerS2 FLJ102	29956
224819_at	0.41897024	-0.16295214	TCEAL8	transcription	epsilon MGC45400	90843
203806_s_at	0.07317656	0.18332826	FANCA	Fanconi anem	FA FA-H FA1	2175
225067_at	0.12446575	0.13206501	ULK3	unc-51-like kir	DKFZp434C13	25989
225473_at	-0.43571515	0.69254252	C20orf117	chromosome	FLJ44670 KIA	140710

200606_at	-0.0437835	0.3020474	DSP	desmoplakin DPI DPII	1832
206550_s_at	0.33610034	-0.0778174	NUP155	nucleoporin 1 KIAA0791 N1	9631
219755_at	0.17085961	0.0876311	CBX8	chromobox hc HPC3 PC3 RC	57332
212141_at	-0.14552515	0.40540332	MCM4	minichromosc CDC21 CDC54	4173
225810_at	-0.10136997	0.36129718	MTMR10	myotubularin FLJ20313	54893
203117_s_at	0.12058774	0.13953926	PAN2	PAN2 poly(A) FLJ39360 KIA	9924
227839_at	0.47422845	-0.21390207	MBD5	methyl-CpG b FLJ111113 FLJ3	55777
205257_s_at	0.26075446	0	AMPH	amphiphysin AMPH1	273
1555310_a_at	-0.54775721	0.80904203	PAK6	p21 protein (C PAK5	56924
236885_at	0.14165305	0.12020066	MEX3A	mex-3 homolog MEX-3A RKHI	92312
202843_at	0.88215478	-0.62027652	DNAJB9	DnaJ (Hsp40) DKFZp564F18	4189
212571_at	-0.22051514	0.48239595	CHD8	chromodomai DKFZp686N17	57680
203408_s_at	0.35772135	-0.09503977	SATB1	SATB homeob-	6304
226016_at	0.06323013	0.20047634	CD47	CD47 molecule IAP MER6 O/A	961
232289_at	0.00046418	0.26346531	KCNJ12	potassium inv FLJ14167 IRK3	3768
213296_at	-0.0167273	0.28107105	RER1	RER1 retentio -	11079
243986_at	0	0.26488182	LOC144766	hypothetical L -	144766
210674_s_at	0.4013942	-0.13633465	PCDHA12	protocadherin MGC138485	56137
207949_s_at	-0.03057451	0.29621589	ICA1	islet cell auto: ICA69 ICAp69	3382
222597_at	-0.64882399	0.91452644	SNAP29	synaptosomal CEDNIK FLJ21	9342
237265_at	0.42844041	-0.16213384	C16orf73	chromosome MGC35212 g:	254528
209468_at	-0.17654681	0.44290119	LRP5	low density lip BMND1 EVR1	4041
213713_s_at	-0.01767687	0.28458143	GLB1L2	galactosidase, MST114 MST	89944
225954_s_at	-0.15375638	0.42089692	MIDN	midnolin DKFZp547M07	90007
227703_s_at	0.14250035	0.12496535	SYTL4	synaptotagmi DKFZp451P01	94121
229966_at	-0.06455267	0.3329297	EWSR1	Ewing sarcom EWS bk984G:	2130
238974_at	0.33902953	-0.06944143	C2orf69	chromosome FLJ38973	205327
226810_at	0.26993931	0	OGFRL1	opioid growth FLJ21079 MG	79627
221245_s_at	0.24839446	0.0228814	FZD5	frizzled homolog C2orf31 DKFZ	7855
212096_s_at	0.08377435	0.18750961	MTUS1	microtubule a ATBP ATIP DI	57509
211037_s_at	-0.08027624	0.35183863	MBOAT7	membrane bo BB1 FLJ41296	79143
226103_at	0.27175164	0	NEXN	nexilin (F actin MGC104234	91624
223786_at	0	0.27306199	CHST6	carbohydrate MCDC1	4166
227180_at	0.12980033	0.14422188	ELOVL7	ELOVL family FLJ23563	79993
212475_at	0.50363237	-0.2295518	AVL9	AVL9 homolog DKFZp686G03	23080
202551_s_at	0.27156736	0.0025854	CRIM1	cysteine rich t MGC138194	51232
229551_x_at	-0.30081722	0.57570997	ZNF367	zinc finger prc CDC14B FLJ3:	195828
241360_at	-0.0493047	0.32419974	CCDC15	coiled-coil dor FLJ13215	80071
1553808_a_at	0	0.27536636	NKX2-3	NK2 transcript CSX3 NK2.3 I	159296
200715_x_at	0.52128411	-0.24551583	RPL13A	ribosomal pro -	23521
204531_s_at	0.01384283	0.26199526	BRCA1	breast cancer BRCA1 BRCC1	672
229886_at	-0.17849135	0.4545714	C5orf34	chromosome FLJ32363 MG	375444
206866_at	0.37598389	-0.09985498	CDH4	cadherin 4, ty CAD4 FLJ2226	1002
235206_at	0.76941625	-0.49320221	C20orf152	chromosome MGC138880	140894
51158_at	-0.07969512	0.35595015	FAM174B	family with se MGC102891	400451
202421_at	-0.19377712	0.47015643	IGSF3	immunoglobulin EWI-3 MGC1:	3321
230106_at	0.34659356	-0.07018245	ZXDC	ZXD family zin DKFZp547N02	79364
228047_at	0.41820053	-0.14165937	RPL30	ribosomal pro -	6156

226273_at	0.30041514	-0.02382317	CLCN5	chloride chan	CLC5 CLKK2 I	1184
228488_at	0.00042014	0.27634018	TBC1D16	TBC1 domain	FLJ20748 MG	125058
225588_s_at	-0.06715947	0.344215	TMEM129	transmembra	D4S2561E FLI	92305
227101_at	0.01254875	0.26452544	ZNF800	zinc finger	prc FLJ43301 MG	168850
226695_at	0	0.27713896	PRRX1	paired related	PHOX1 PMX1	5396
200767_s_at	0.075192	0.2020963	FAM120A	family with se	C9orf10 DNA	23196
213245_at	-0.10741691	0.38472296	ADCY1	adenylate cyc	AC1	107
218084_x_at	0.2841572	-0.00646315	FXYD5	FXYD domain	DYSAD HSPC1	53827
232358_at	0.43708584	-0.15912992	KIAA1328	KIAA1328	-	57536
1560814_a_at	0.02327827	0.25494015	C15orf57	chromosome	CCDC32 FLJ2!	90416
225770_at	0.30397379	-0.02533703	RSPRY1	ring finger	anc KIAA1972	89970
221906_at	-0.06749395	0.34623768	TXNRD3	thioredoxin re	TGR TR2 TRX	114112
242414_at	-0.13183788	0.41132665	QPRT	quinolinate p	QPRTase	23475
214853_s_at	0.01393723	0.26561444	SHC1	SHC (Src hom	c FLJ26504 SHC	6464
1553970_s_at	0.30417505	-0.02443996	CEL	carboxyl ester	BAL BSDL BS!	1056
203597_s_at	0.18709783	0.09314928	WBP4	WW domain	k FBP21 MGC1	11193
219806_s_at	0.09311636	0.18737481	C11orf75	chromosome	FN5	56935
213463_s_at	0.2534329	0.02927617	FAM149B1	family with se	KIAA0974	317662
218175_at	-0.2610925	0.54392747	CCDC92	coiled-coil	dor FLJ22471	80212
215271_at	0.30844693	-0.02535244	TNN	tenascin N	TN-W	63923
208009_s_at	0.16432725	0.11937853	ARHGEF16	Rho guanine	e GEF16 NBR	27237
205382_s_at	0.1518338	0.13223156	CFD	complement	f ADIPSIN ADN	1675
203081_at	0.00874002	0.27577977	CTNNBIP1	catenin, beta	i ICAT MGC15!	56998
204357_s_at	-0.44012602	0.72465059	LIMK1	LIM domain	ki LIMK	3984
218164_at	0.0508205	0.23376115	SPATA20	spermatogene	c DKFZp686H18	64847
219704_at	0.19043866	0.09454252	YBX2	Y box binding	CONTRIN CSC	51087
209043_at	0.00896318	0.27674976	PAPSS1	3'-phosphoad	ATPSK1 PAPS	9061
232720_at	0.44009084	-0.15432738	LINGO2	leucine rich	re FLJ31810 LER	158038
226543_at	0.47371272	-0.18757124	MUTED	muted homol	i DKFZp686E22	63915
1569701_at	0.2868708	-0.00019722	PER3	period homol	i GIG13	8863
1554106_at	0.08227217	0.20445658	NBEAL1	neurobeachin	A530083102Ri	65065
205076_s_at	-0.34864784	0.63539599	MTMR11	myotubularin	CRA RP11-21!	10903
215169_at	0.38152951	-0.09459525	RP11-345P4.4	similar to solu	DKFZp564C09	728661
208270_s_at	0.0833571	0.20471056	RNPEP	arginyl amino	o DKFZp547H08	6051
230028_at	-0.01507047	0.30313937	KIAA0907	KIAA0907	RP11-336K24.	22889
221019_s_at	-4.44E-16	0.28851436	COLEC12	collectin sub-	f CLP1 NSR2 Si	81035
230882_at	0.2888313	0	DLX6AS	DLX6 antisens	Evf-2 FLJ3404	285987
218815_s_at	0.10612888	0.18276608	TMEM51	transmembra	C1orf72 FLJ1!	55092
223017_at	0.52564988	-0.23622624	TXNDC12	thioredoxin	d c AG1 AGR1 EF	51060
204402_at	0.03110126	0.25912189	RHBDD3	rhomboid	dor C22orf3 HS9!	25807
203756_at	0.30358793	-0.01330154	ARHGEF17	Rho guanine	r FLJ90019 KIA.	9828
226302_at	-0.00803183	0.29854238	ATP8B1	ATPase, class	ATPIC BRIC F	5205
228192_at	-0.08937045	0.38099648	C6orf125	chromosome	MGC14833 b.	84300
201818_at	0.12134034	0.17045344	LPCAT1	lysophosphati	AYTL2 FLJ124	79888
229285_at	0.69260665	-0.40047452	RNASL	ribonuclease	l DKFZp781D0!	6041
221582_at	0.82733853	-0.53505031	HIST3H2A	histone cluste	MGC3165	92815
228329_at	0.12450033	0.1681367	DAB1	disabled hom	c-	1600
226041_at	-0.07399708	0.36667449	NAPEPLD	N-acyl phosph	DKFZp781D1!	222236

223298_s_at	0.174735	0.11797552	NT5C3	5'-nucleotidas	MGC27337 M	51251
226667_x_at	0.11236326	0.18096601	EPN1	epsin 1	-	29924
1553192_at	0.20283389	0.09130433	ZNF441	zinc finger prc	FLJ38637	126068
218834_s_at	0.25189897	0.04244124	TMEM132A	transmembrai	DKFZp547E21	54972
1556361_s_at	0.42163914	-0.12715344	ANKRD13C	ankyrin repea	DKFZp566D13	81573
231991_at	0.29300909	0.00173823	C20orf160	chromosome	FLJ43600 dJ3	140706
212487_at	0.57223061	-0.27719359	GPATCH8	G patch doma	GPATC8 KIAA	23131
203206_at	0.16796273	0.1272906	FAM53B	family with se	KIAA0140 RP:	9679
209803_s_at	0.37396261	-0.0786242	PHLDA2	pleckstrin hon	BRW1C BWR:	7262
226659_at	0.38976494	-0.09406656	DEF6	differentially	ε BP SLAT SW,	50619
241612_at	-0.00924611	0.3050827	FOXD3	forkhead box	AIS1 Genesis	27022
235195_at	-0.01696795	0.31360367	FBXW2	F-box and WD	FBW2 Fwd2	26190
1552634_a_at	0.21533408	0.08139382	ZNF101	zinc finger prc	DKFZp570I01ε	94039
213827_at	0.03030099	0.2665641	SNX26	sorting nexin	:FLJ39019 NOI	115703
238819_at	0	0.29698519	ZNF347	zinc finger prc	ZNF1111	84671
200788_s_at	0.19130662	0.10593276	PEA15	phosphoprote	HMAT1 HUM	8682
218521_s_at	0.14646742	0.15080038	UBE2W	ubiquitin-conj	FLJ11011 hUE	55284
203173_s_at	-8.88E-16	0.29872233	C16orf62	chromosome	DKFZp313M0!	57020
238470_at	0.51432991	-0.21448634	SYS1	SYS1 Golgi-loc	C20orf169 dJ	90196
228601_at	0.30022388	0	LOC401022	hypothetical L	-	401022
1555388_s_at	0.07128262	0.22913015	SNX25	sorting nexin	:FLJ23161 MS'	83891
224777_s_at	0.00402395	0.29652278	PAFAH1B2	platelet-activa	-	5049
224443_at	-0.28138546	0.58239056	C1orf97	chromosome	FLJ27347 FLJ:	84791
212565_at	0.03560163	0.26578657	STK38L	serine/threon	KIAA0965 ND	23012
236421_at	0.01585296	0.28565603	ANKRD45	ankyrin repea	FLJ45235 MG	339416
213659_at	0.18919729	0.11302064	ZNF75D	zinc finger prc	D8C6 MGC12	7626
225436_at	0.05338282	0.24886012	FAM108C1	family with se	FLJ34461 MG	58489
213590_at	0.14533727	0.1571424	SLC16A5	solute carrier	MCT5 MCT6	9121
227678_at	0.41079107	-0.10830207	XRCC6BP1	XRCC6 binding	ε KUB3 MGC13	91419
208345_s_at	0.29471186	0.00821978	POU3F1	POU class 3 hc	OCT6 OTF6 S	5453
241963_at	0.00688062	0.29608327	ZNF704	zinc finger prc	FLJ16218 Gig:	619279
1558882_at	0.33994946	-0.03682203	LOC401233	similar to HIV	-	401233
203149_at	0.4666058	-0.16342613	PVRL2	poliovirus rec	CD112 HVEB	5819
220223_at	0.03656589	0.26673798	ATAD5	ATPase family	C17orf41 FLJ:	79915
221094_s_at	0.11698315	0.18669466	ELP3	elongation prc	FLJ10422 KAT	55140
221185_s_at	0.47918771	-0.17537364	IQCG	IQ motif cont	ε DKFZp434B22	84223
202796_at	-0.17230641	0.47652623	SYNPO	synaptopodin	KIAA1029	11346
244703_x_at	0.13403174	0.1703975	IPO9	importin 9	DKFZp761M1!	55705
212799_at	0.04796783	0.25648872	STX6	syntaxin 6	-	10228
206745_at	0.53315246	-0.22779572	HOXC11	homeobox C1	HOX3H MGC:	3227
211692_s_at	0.17454469	0.13151076	BBC3	BCL2 binding	ε JFY1 PUMA	27113
202803_s_at	0.03082555	0.2755132	ITGB2	integrin, beta	CD18 LAD LC	3689
226245_at	-0.0788202	0.3861588	KCTD1	potassium ch	ε C18orf5	284252
201613_s_at	0.08523895	0.22216376	AP1G2	adaptor-relat	ε G2AD	8906
228070_at	0.13290749	0.17466154	PPP2R5E	protein phosp	-	5529
221004_s_at	0.1870064	0.12057326	ITM2C	integral mem	l BRI3 BRICD2C	81618
241700_at	-0.05214598	0.35972861	ZFHX4	zinc finger hor	FLJ16514 FLJ:	79776
210138_at	0.93122653	-0.62362777	RGS20	regulator of G	RGSZ1 ZGAP1	8601

201501_s_at	0.06603779	0.24161982	GRSF1	G-rich RNA se	FLJ13125	2926
218542_at	0.13262917	0.17513334	CEP55	centrosomal p	C10orf3 CT11	55165
205458_at	0.02753819	0.28022784	MC1R	melanocortin	CMM5 MGC1	4157
236525_at	0.1024128	0.20696502	FBXO36	F-box protein	FLJ37592 FLJ4	130888
238043_at	-0.3012019	0.61108234	LOC729446	NA	NA NA	NA
228054_at	-0.15636466	0.46651726	TMEM44	transmembran	DKFZp686O18	93109
236321_at	0.19596767	0.11451653	LOC285550	hypothetical p-		285550
202338_at	-0.03095339	0.34190077	TK1	thymidine kin:	TK2	7083
209789_at	0	0.31133015	CORO2B	coronin, actin	CLIPINC KIAA	10391
229838_at	0.51081691	-0.19920715	NUCB2	nucleobindin	:NEFA	4925
229200_at	0.0398682	0.27201384	LOC729810	hypothetical p-		729810
217787_s_at	-0.05775746	0.36964205	GALNT2	UDP-N-acetyl-	GalNAc-T2	2590
226694_at	0.07035267	0.24223335	PALM2-AKAP2	PALM2-AKAP2	AKAP2 DKFZp	445815
227314_at	0	0.31268944	ITGA2	integrin, alpha	BR CD49B GF	3673
228941_at	0.14954749	0.16379577	ALG10B	asparagine-lin	ALG10 KCR1	144245
225347_at	0.1716683	0.14192692	ARL8A	ADP-ribosylati	ARL10B FLJ45	127829
213876_x_at	0.05070217	0.263043	ZRSR2	zinc finger (CC	MGC142014	8233
227850_x_at	0.34198466	-0.02814006	CDC42EP5	CDC42 effecto	Borg3 CEP5 I	148170
201534_s_at	0.08828994	0.22589767	UBL3	ubiquitin-like	DKFZp434K15	5412
205208_at	0.44896782	-0.13455639	ALDH1L1	aldehyde dehy	DKFZp781N09	10840
228250_at	0.28947172	0.02495996	FNIP1	folliculin inter	DKFZp686E18	96459
206773_at	0.29089633	0.0244783	LY6H	lymphocyte a	NMLY6	4062
226129_at	-0.26181788	0.57730263	FAM83H	family with se	A13 FLJ46072	286077
1552754_a_at	0	0.31578608	CADM2	cell adhesion	IIGSF4D MGC:	253559
222924_at	0.13586143	0.18028754	SLMAP	sarcolemma a	FLJ42206 KIA.	7871
202512_s_at	0.08709178	0.22974466	ATG5	ATG5 autoph	APG5 APG5-L	9474
211057_at	0.31696959	0	ROR1	receptor tyros	MGC99659 N	4919
202065_s_at	0.67232563	-0.35527145	PPFIA1	protein tyrosi	FLJ41337 FLJ4	8500
205779_at	-0.34506629	0.6625911	RAMP2	receptor (G pr		10266
206556_at	0.79584945	-0.47803657	CLUL1	clusterin-like	:RA337M	27098
50965_at	0.26430363	0.05391174	RAB26	RAB26, mem	bV46133	25837
210529_s_at	0.42085684	-0.10260532	FAM115A	family with se	FLJ56782 KIA.	9747
224821_at	0.27129251	0.04709339	ABHD14B	abhydrolase d	C1B MGC1542	84836
236442_at	0.16609369	0.15265351	DPF3	D4, zinc and d	CERD4 FLJ140	8110
212359_s_at	0.18365722	0.13548434	KIAA0913	KIAA0913	FLJ34302 MG	23053
1555996_s_at	0.23518463	0.08418645	EIF4A2	eukaryotic tra	BM-010 DDX:	1974
235443_at	0.38349809	-0.06373638	LOC10013106	hypothetical p-		100131067
218675_at	0.20433671	0.11626826	SLC22A17	solute carrier	BOCT BOIT N	51310
1553357_at	0.06851006	0.252163	LOC158696	hypothetical L	FLJ30672	158696
230213_at	0.33832456	-0.01728596	C19orf43	chromosome	MGC2803 fSA	79002
206574_s_at	0.22067401	0.10090796	PTP4A3	protein tyrosi	PRL-3 PRL-R	11156
211022_s_at	-0.08831408	0.4099835	ATRX	alpha thalasse	ATR2 MGC20	546
205059_s_at	-0.02130133	0.3434987	IDUA	iduronidase, a	IDA MPS1	3425
214746_s_at	0.18814567	0.13407437	ZNF467	zinc finger prc	EZ1 Zfp467	168544
205201_at	-0.05714455	0.37938748	GLI3	GLI family zinc	ACLS GCPS P.	2737
232315_at	0.06420606	0.25822262	ZNF880	zinc finger prc		400713
223435_s_at	0.63826823	-0.31582637	PCDHA6	protocadherin	CNR2 CNRN2	56142
224701_at	4.44E-16	0.32364671	PARP14	poly (ADP-rib	BAL2 KIAA12f	54625



201350_at	0.032308	0.2916269	FLOT2	flotillin 2	ECS-1 ECS1 E	2319
242417_at	-0.1129927	0.43694245	PLEKHA7	pleckstrin hon	DKFZp686M2:	144100
223194_s_at	0.32438678	0	SLC22A23	solute carrier	C6orf85 DKF2	63027
226038_at	-0.05729609	0.3829543	LONRF1	LON peptidas	FLJ23749 RN	91694
222628_s_at	0.08602982	0.24000012	REV1	REV1 homolo	FLJ21523 MG	51455
203061_s_at	-0.07303468	0.39943499	MDC1	mediator of D	DKFZp781A01	9656
241871_at	0.19769955	0.12937104	CAMK4	calcium/calmo	CaMK-GR MC	814
229038_at	0.28050136	0.04657822	CWF19L1	CWF19-like 1,	FLJ10998	55280
202794_at	-0.27837639	0.60551345	INPP1	inositol polypl	MGC110984	3628
229177_at	0.32747168	0	C16orf89	chromosome	MGC45438	146556
210568_s_at	0.30193326	0.02571062	RECQL	RecQ protein-	RECQL1 RecQ	5965
1557372_at	0.3159373	0.01175896	FLJ41757	hypothetical g-		440862
212612_at	0.44014222	-0.11186542	RCOR1	REST corepres	COREST KIAA	23186
207480_s_at	-0.0284618	0.3573799	MEIS2	Meis homeob	HsT18361 MC	4212
225623_at	0.64794075	-0.31887033	KIAA1737	KIAA1737	-	85457
214505_s_at	0.02309777	0.30638967	FHL1	four and a hal	FHL1A FHL1B	2273
214727_at	0.25189867	0.0777333	BRCA2	breast cancer	BRCC2 BROV	675
219170_at	0.11773558	0.21211887	FSD1	fibronectin tyj	GLFND MGC3	79187
222690_s_at	0.42023448	-0.09027694	TMEM39A	transmembrai	FLJ10902	55254
1552617_a_at	0.06646674	0.26354789	RFWD2	ring finger anc	COP1 FLJ104:	64326
223717_s_at	-6.73E-05	0.33019443	ACRBP	acrosin bindin	CT23 FLJ5116	84519
229872_s_at	0.41262086	-0.08246037	LOC10013299	hypothetical f-		100132999
219692_at	0.29901346	0.03135294	KREMEN2	kringle contain	KRM2 MGC1	79412
228402_at	0.13439102	0.19636742	ZBED3	zinc finger, BE	MGC15435	84327
220617_s_at	-0.22078796	0.55184999	ZNF532	zinc finger prc	FLJ10697	55205
205715_at	0.33129016	0	BST1	bone marrow	CD157	683
1559957_a_at	0.08186828	0.24945652	LOC642852	hypothetical L	DKFZp547J12:	642852
226858_at	-0.38548692	0.71682625	CSNK1E	casein kinase	HCKIE MGC1	1454
230876_at	0.03709186	0.29431438	LOC169834	hypothetical f-		169834
210555_s_at	-0.16376367	0.49520295	NFATC3	nuclear factor	NFAT4 NFAT	4775
228244_at	0.24312415	0.08998424	BLOC1S3	biogenesis of	BLOS3 FLJ26	388552
219747_at	0.01281895	0.32038779	C4orf31	chromosome	FLJ23191	79625
208892_s_at	0.26898836	0.06457227	DUSP6	dual specificit	MKP3 PYST1	1848
219041_s_at	0.21334478	0.12035854	REPIN1	replication ini	AP4 RIP60 Z	29803
213424_at	0.01194257	0.32196069	KIAA0895	KIAA0895	-	23366
218308_at	0.32613256	0.00832557	TACC3	transforming,	ERIC1 MGC11	10460
235026_at	0.76507017	-0.4303392	C12orf66	chromosome	FLJ32549	144577
204860_s_at	0.14312072	0.19211205	NAIP	NLR family, a	BIRC1 FLJ180	4671
209110_s_at	0.2110979	0.12421121	RGL2	ral guanine nu	HKE1.5 KE1.5	5863
219682_s_at	0.03466392	0.30089118	TBX3	T-box 3	TBX3-ISO UM	6926
207194_s_at	0.27554825	0.06137577	ICAM4	intercellular a	CD242 LW	3386
235003_at	0.49438922	-0.15739786	UHMK1	U2AF homolo	KIS KIST	127933
211136_s_at	-0.29882186	0.63601171	CLPTM1	cleft lip and p	i-	1209
226255_at	0.1973745	0.14002645	ZBTB33	zinc finger anc	ZNF-kaiso ZNI	10009
228569_at	0.1221059	0.21589039	PAPOLA	poly(A) polym	MGC5378 PA	10914
1560562_a_at	0	0.33851758	ZNF677	zinc finger prc	MGC48625	342926
218878_s_at	0.30286845	0.0360496	SIRT1	sirtuin (silent	SIR2L1	23411
214251_s_at	0.05971715	0.2792872	NUMA1	nuclear mitoti	NUMA	4926

209878_s_at	0.57502374	-0.23585999	RELA	v-rel reticuloe MGC131774	5970
226184_at	0.12300646	0.21708578	FMNL2	formin-like 2 FHOD2 FLJ37	114793
241910_x_at	0.20250476	0.13771506	LOC400590	hypothetical L -	400590
218147_s_at	0.51656893	-0.17608407	GLT8D1	glycosyltransf AD-017 DKFZ	55830
236268_at	0.0210689	0.31950244	SEC22C	SEC22 vesicle DKFZp761F23	9117
1552417_a_at	0.42466775	-0.08293093	NEDD1	neural precurs FLJ35902 GCF	121441
215210_s_at	0.15382507	0.1880598	DLSTP	dihydrolipoar -	1744
232106_s_at	0.07027578	0.27170648	CCDC123	coiled-coil dor FLJ14640	84902
209552_at	0.03362146	0.30858703	PAX8	paired box 8 -	7849
218036_x_at	0.44422296	-0.10196811	NMD3	NMD3 homolog CGI-07 FLJ210	51068
238458_at	-0.07322628	0.41591845	EFHA2	EF-hand domain DKFZp313A01	286097
210367_s_at	0.48721523	-0.14437253	PTGES	prostaglandin MGC10317 M	9536
201562_s_at	0.30808998	0.03508149	SORD	sorbitol dehydr SORD1	6652
1557961_s_at	0.17856864	0.16518273	LOC10012798	hypothetical p -	100127983
211800_s_at	0.14865352	0.1958002	USP4	ubiquitin spec MGC149848	7375
232546_at	-0.33511919	0.68003939	TP73	tumor protein P73	7161
1554743_x_at	0.49968065	-0.15474312	PMS1	PMS1 postme DKFZp781M0	5378
238607_at	0.0701147	0.27486155	ZNF296	zinc finger prc ZNF342	162979
213951_s_at	-0.00101162	0.34673254	PSMC3IP	PSMC3 interact GT198 HOP2	29893
232136_s_at	-0.16775518	0.51360339	CTTNBP2	cortactin bind C7orf8 CORTI	83992
210095_s_at	-0.16428084	0.51025254	IGFBP3	insulin-like growth BP-53 IBP3	3486
227151_at	0.47505237	-0.12903248	SNX33	sorting nexin 3 MGC32065 SI	257364
1552921_a_at	0.33645529	0.00981021	FIGNL1	fidgetin-like 1 -	63979
200762_at	0.20323909	0.14397004	DPYSL2	dihydropyrimidin CRMP2 DHPR	1808
220129_at	0.16235723	0.18516096	SOHLH2	spermatogenesis FLJ20449 FLJ	54937
232014_at	-0.01627723	0.36393649	ZNF30	zinc finger prc DKFZp686N15	90075
232645_at	-0.46149975	0.80917066	LOC153684	hypothetical L MGC120598	153684
1559038_at	0.12862035	0.21917637	2-Sep	septin 2 DIFF6 KIAA01	4735
206184_at	0.35587595	-0.00803091	CRKL	v-crk sarcoma -	1399
225997_at	0.07958985	0.26877118	MOBK1A	MOB1, Mps O MATS2 MGC	92597
1554628_at	0.28371271	0.06488748	ZNF57	zinc finger prc ZNF424	126295
206219_s_at	0.34864466	0	VAV1	vav 1 guanine VAV	7409
55065_at	0.21224457	0.13678066	MARK4	MAP/microtubul FLJ90097 KIA	57787
204837_at	-0.15892527	0.50830985	MTMR9	myotubularin C8orf9 DKFZp	66036
226288_s_at	-0.22590733	0.57549021	NLGN2	neuroligin 2 KIAA1366	57555
210394_x_at	0.17721206	0.17311034	SSX4	synovial sarcoma CT5.4 MGC11	6759
228306_at	-0.2750816	0.62562987	CNIH4	cornichon homolog HSPC163	29097
201865_x_at	-0.1572222	0.50814187	NR3C1	nuclear receptor GCCR GCR GI	2908
210417_s_at	0.0511557	0.29978877	PI4KB	phosphatidylinositol PI4K-BE	5298
201425_at	0.26800293	0.08308576	ALDH2	aldehyde dehydrogenase ALDH-E2 ALD	217
224982_at	-0.26691684	0.61814862	AKT1S1	AKT1 substrate Lobe MGC281	84335
227345_at	-0.12836727	0.47983835	TNFRSF10D	tumor necrosis CD264 DCR2	8793
212634_at	0.18749643	0.16500456	KIAA0776	KIAA0776 RP3-393D12.1	23376
235311_at	1.13453609	-0.78185651	FKBP14	FK506 binding FKBP22 FLJ20	55033
223320_s_at	0.19637257	0.15744549	ABCB10	ATP-binding cassette EST20237 M-	23456
226691_at	-0.03001362	0.38408631	TNRC18	trinucleotide repeat CAGL79 KIAA	84629
203943_at	0.05029557	0.30388556	KIF3B	kinesin family HH0048 KIAA	9371
225189_s_at	0.09680404	0.25794061	RAPH1	Ras association ALS2CR18 AL	65059

205315_s_at	0.42754928	-0.07221256	SNTB2	syntrophin, beta	D16S2531E E	6645
234735_s_at	0.11419345	0.24134483	USP21	ubiquitin spec	MGC3394 US	27005
212928_at	0.32640263	0.02916721	TSPYL4	TSPY-like 4	KIAA0721 dJ4	23270
218737_at	0.20058082	0.1551657	SBNO1	strawberry no	FLJ10701 FLJ:	55206
215706_x_at	-0.40945041	0.76546313	ZYX	zyxin	ESP-2 HED-2	7791
235599_at	0.82827263	-0.47128248	LOC339535	hypothetical L -		339535
214743_at	-0.00289122	0.36096432	CUX1	cut-like home	CASP CDP CC	1523
231899_at	0.11273432	0.24568964	ZC3H12C	zinc finger CC	(KIAA1726 MC	85463
239462_at	0.36735164	-0.00814045	ZNF284	zinc finger prc	DKFZp781F17	342909
236453_at	0.33462917	0.02470847	LOC10013216	similar to hCG -		100132167
1569129_s_at	0.0258645	0.3345504	C3orf38	chromosome	FLJ54270 MG	285237
205517_at	0.43393404	-0.07347068	GATA4	GATA binding	MGC126629	2626
225178_at	0.26551076	0.0949943	TTC14	tetratricopept	DKFZp313M1	151613
218055_s_at	0.57704811	-0.21649585	WDR41	WD repeat do	FLJ10904 MS'	55255
218826_at	-0.01403996	0.37522676	SLC35F2	solute carrier	DKFZp667H16	54733
1558094_s_at	0.48929094	-0.12809097	C3orf19	chromosome	FLJ33839	51244
201431_s_at	0.27510947	0.0865705	DPYSL3	dihydropyrimi	CRMP-4 CRM	1809
201924_at	-0.16407412	0.52604835	AFF1	AF4/FMR2 far	AF4 MGC134	4299
227726_at	0.33139984	0.03066136	RNF166	ring finger prc	MGC14381 M	115992
203930_s_at	0.06208765	0.30076218	MAPT	microtubule-a	DDPAC FLJ31	4137
213845_at	0.17457339	0.18837379	GRIK2	glutamate rec	EAA4 GLR6 G	2898
243648_at	-0.14917362	0.51308713	LOC10013140	NA	NA NA	NA
203002_at	-0.35625632	0.72031617	AMOTL2	angiomotin lik	LCCP	51421
203363_s_at	-0.02834934	0.39256382	KIAA0652	KIAA0652	ATG13 FLJ20	9776
201289_at	-0.62999808	0.99427005	CYR61	cysteine-rich,	CCN1 GIG1 K	3491
212888_at	-0.1932369	0.55833653	DICER1	dicer 1, ribon	DCR1 Dicer F	23405
236769_at	-0.96839863	1.33405262	LOC158402	hypothetical p -		158402
230185_at	0.19079007	0.17493551	THAP9	THAP domain	FLJ23320 FLJ:	79725
209390_at	-0.04350134	0.41071243	TSC1	tuberous scler	KIAA0243 LAI	7248
229974_at	-0.21587308	0.58312376	EVC2	Ellis van Creve	LBN	132884
202308_at	0.31861913	0.04893496	SREBF1	sterol regulat	(SREBP-1c SRE	6720
217974_at	0.21537109	0.15273014	TM7SF3	transmembrai -		51768
220968_s_at	0.59109647	-0.22293316	TSPAN9	tetraspanin 9	NET-5 PP105'	10867
203544_s_at	0.25262506	0.11555175	STAM	signal transdu	DKFZp686J23'	8027
213716_s_at	0.42119918	-0.05259153	SECTM1	secreted and i	K12	6398
226568_at	0.16003879	0.2085926	FAM102B	family with se	DKFZp686N01	284611
225889_at	0.27363368	0.09532662	AEBP2	AE binding prc	MGC17922	121536
235045_at	0.21659379	0.15287976	REXO2	REX2, RNA exc	CGI-114 DKFZ	25996
38290_at	0.33172309	0.03801169	RGS14	regulator of G -		10636
227599_at	0.32456502	0.04599744	C3orf59	chromosome -		151963
201861_s_at	0.33422465	0.03668061	LRRFIP1	leucine rich re	FLAP-1 FLIIP	9208
1556228_a_at	0	0.37099196	VCIPI1	valosin contai	DKFZp686G03	80124
223219_s_at	-0.09580958	0.46774123	CNOT10	CCR4-NOT tra	DKFZp434K11	25904
203491_s_at	0.53075358	-0.15865045	CEP57	centrosomal p	KIAA0092 PIC	9702
201207_at	0.02328361	0.34898987	TNFAIP1	tumor necrosi	B12 B61 EDP	7126
228753_at	0.3552889	0.01698895	LOC10012873	hypothetical L -		100128737
226544_x_at	0.10624728	0.26665406	MUTED	muted homol	DKFZp686E22	63915
212994_at	0.29846756	0.07568862	THOC2	THO complex	CXorf3 THO2	57187

222343_at	0.42527839	-0.0503216	BCL2L11	BCL2-like 11 (iBAM BIM BIN)	10018
208703_s_at	0.01117761	0.36385847	APLP2	amyloid beta (APPH APPL2	334
209102_s_at	0.47076653	-0.09505694	HBP1	HMG-box trans FLJ16340	26959
203657_s_at	0.36865605	0.00719247	CTSFP	cathepsin F CTSFP	8722
218824_at	0.11692491	0.25894484	PNMAL1	PNMA-like 1 FLJ10781	55228
1569108_a_at	0.07763193	0.29840425	ZNF589	zinc finger protein SZF1	51385
201332_s_at	0.94562578	-0.56949891	STAT6	signal transducer D12S1644 IL-	6778
1553685_s_at	-0.20900388	0.58546335	SP1	Sp1 transcript -	6667
230720_at	0.26189886	0.11468604	RNF182	ring finger protein FLJ40772 MG	221687
226328_at	0.14030622	0.23630807	KLF16	Kruppel-like factor BTEB4 DRRF	83855
1558689_a_at	0.3718642	0.00480225	LOC441461	hypothetical L -	441461
202417_at	0.22824517	0.14863074	KEAP1	kelch-like ECHINrf2 KIAA01:	9817
225162_at	-0.1001118	0.47707769	SH3D19	SH3 domain containing EBPEVE1 Kry	152503
209367_at	0.42786104	-0.05049901	STXBP2	syntaxin binding Hunc18b MU	6813
214579_at	0.56445203	-0.18686745	NIPAL3	NIPA-like domain DJ462O23.2 L	57185
204579_at	0.0432824	0.33450814	FGFR4	fibroblast growth CD334 JTK2 I	2264
202043_s_at	0.13465122	0.24361035	SMS	spermine synthase MRSR SPMSY	6611
232028_at	0.12221507	0.25619759	ZNF678	zinc finger protein FLJ18355 FLJ:	339500
209462_at	0.06400571	0.31443439	APLP1	amyloid beta (APLP	333
1560477_a_at	-1.17267662	1.55143585	SAMD11	sterile alpha domain MGC45873	148398
218748_s_at	0.56626589	-0.18678317	EXOC5	exocyst component DKFZp666H12	10640
1554547_at	0.55234853	-0.17283034	FAM13C	family with sequence FAM13C1 MC	220965
225532_at	0	0.38059671	CABLES1	Cdk5 and Abl (CABLES FLJ35	91768
244189_at	0.12537711	0.25529478	LOC284900	hypothetical L KIAA1648 dj3	284900
240211_at	0.32631056	0.05455766	LOC10013046	hypothetical protein -	100130468
214604_at	0.19648216	0.18469741	HOXD11	homeobox D1HOX4 HOX4F	3237
239421_at	-0.01577586	0.39701337	FLJ35776	hypothetical L -	649446
243630_at	0.33251102	0.04884068	NDUFB1	NADH dehydrogenase CI-SGDH MNI	4707
203763_at	0.57486704	-0.19301521	DYNC2LI1	dynein, cytoplasmic CGI-60 D2LIC	51626
212774_at	0.21784535	0.16401434	ZNF238	zinc finger protein C2H2-171 RP:	10472
226363_at	0.0100013	0.37317031	ABCC5	ATP-binding cassette ABC33 DKFZp	10057
58994_at	-0.07138043	0.45495251	CC2D1A	coiled-coil domain FLJ20241 FLJ:	54862
203882_at	0.67924405	-0.29551908	IRF9	interferon regulatory IRF-9 ISGF3 I:	10379
236555_at	0.61499731	-0.23023405	LOC643749	hypothetical L -	643749
220938_s_at	0.33053774	0.05463912	GMEB1	glucocorticoid P96PIF PIF96	10691
203972_s_at	0.41413493	-0.02875848	PEX3	peroxisomal biogenesis DKFZp686N14	8504
232160_s_at	0.34509475	0.04039349	TNIP2	TNFAIP3 interacting ABIN2 DKFZp.	79155
212914_at	-0.00222334	0.38781268	CBX7	chromobox hcn-	23492
220012_at	0.42438176	-0.03861852	ERO1LB	ERO1-like beta:DKFZp779C10	56605
235085_at	-0.01855918	0.40434618	PRAGMIN	homolog of rat DKFZp761P04	157285
209425_at	-0.15562639	0.54142916	AMACR	alpha-methyltransferase CBAS4 RACE	23600
204422_s_at	0	0.3858804	FGF2	fibroblast growth factor BFGF FGFB H	2247
200825_s_at	0.54940207	-0.16312722	HYOU1	hypoxia up-regulated DKFZp686N08	10525
219164_s_at	0.46059771	-0.07396554	ATG2B	ATG2 autophagy C14orf103 FL	55102
1554609_at	0.46440385	-0.07753902	POLD3	polymerase (L KIAA0039 MC	10714
1557263_s_at	-0.09029994	0.47731946	LOC10013173	NA NA NA	
205169_at	0.09852568	0.28886624	RBBP5	retinoblastoma RBQ3 SWD1	5929
1569974_x_at	0.24615777	0.14197567	13-Sep	septin 13 DKFZp313J11:	641977

224722_at	0	0.38817007	MIB1	mindbomb ho	DIP-1 DKFZp6	57534
224392_s_at	0.22081777	0.16745348	OPN3	opsin 3	ECPN	23596
203060_s_at	0.37939391	0.00917911	PAPSS2	3'-phosphoad	ATPSK2 SK2	9060
205126_at	0.36883186	0.0199277	VRK2	vaccinia relate-		7444
226216_at	0.66520163	-0.27642277	INSR	insulin recept	CD220 HHF5	3643
202398_at	0.45464479	-0.06569925	AP3S2	adaptor-relate	AP3S3 FLJ359	10239
202844_s_at	0.22909108	0.16048297	RALBP1	ralA binding p	RIP1 RLIP1 RI	10928
201494_at	0.38467018	0.00509291	PRCP	prolylcarboxyl	HUMPCP MG	5547
226132_s_at	-0.51208228	0.90270219	MANEAL	mannosidase,	FLJ31434 MG	149175
225193_at	0.68378321	-0.29231441	KIAA1967	KIAA1967	DBC-1 DBC1	57805
236141_at	0.18683182	0.20482602	NBLA00301	Nbla00301	DEIN FLJ4167	79804
1553992_s_at	0.65886258	-0.26696308	NBR2	neighbor of BI	DKFZp686F08	10230
200821_at	0.42863136	-0.03651261	LAMP2	lysosomal-ass	CD107b LAMI	3920
207966_s_at	0.06906431	0.32327149	GLG1	golgi apparatus	CFR-1 DKFZp6	2734
219309_at	0.18483968	0.20882889	C22orf46	chromosome	FLJ23584	79640
218637_at	0.39451503	0	IMPACT	Impact homol	MGC33718	55364
227870_at	-1.94929304	2.34520496	IGDCC4	immunoglobul	DDM36 FLJ42	57722
227401_at	-0.64696644	1.04335781	IL17D	interleukin 17	FLJ30846 IL-1	53342
203365_s_at	-0.11017122	0.50682616	MMP15	matrix metallo	MT2-MMP M	4324
239579_at	-0.08199068	0.47870623	EPHX4	epoxide hydr	ABHD7 EPHXI	253152
219342_at	-0.08180467	0.47869788	CASD1	CAS1 domain	C7orf12 FLJ2:	64921
228395_at	-0.24717468	0.64442587	GNL3	guanine nucle	C77032 E2IG:	26354
218399_s_at	0.15352927	0.2439372	CDC44	cell division	cy FLJ20764 FLJ:	55038
201599_at	0.31899534	0.0791533	OAT	ornithine amin	DKFZp781A11	4942
41657_at	0.13986651	0.25907707	STK11	serine/threon	LKB1 PJS	6794
222927_s_at	0.4193573	-0.02025847	CPLX3	complexin 3	CPX-III CPXIII	594855
221258_s_at	0.39625138	0.00293888	KIF18A	kinesin family	DKFZp434G22	81930
241367_at	0.43359863	-0.03424638	TEX19	testis express	FLJ35767	400629
1555847_a_at	-0.01740774	0.41729526	LOC284454	hypothetical p		284454
213349_at	0.11888348	0.28157955	TMCC1	transmembran	DKFZp686M0:	23023
204154_at	0.71430782	-0.31339827	CDO1	cysteine dioxy-		1036
227262_at	0.66928875	-0.26834405	HAPLN3	hyaluronan ar	EXLD1 HsT19:	145864
219574_at	0.00010668	0.40103793	1-Mar	membrane-as	DKFZp564M1:	55016
202936_s_at	0.14361669	0.25772992	SOX9	SRY (sex deter	CMD1 CMPD:	6662
205497_at	0.22246478	0.17893834	ZNF175	zinc finger pr	OTK18	7728
203845_at	0.61082446	-0.20935076	KAT2B	K(lysine) acety	CAF P P/CAF	8850
216471_x_at	0.20927603	0.19231873	LOC10013064	NA	NA NA	NA
1555022_at	0.38512445	0.01664976	RGS12	regulator of G	DKFZp761K16	6002
224486_s_at	-0.12516624	0.52736007	C15orf41	chromosome	FLJ22851 HH:	84529
206842_at	0.46725277	-0.06498321	KCND1	potassium vol	KV4.1	3750
219229_at	0.82042121	-0.41783492	SLCO3A1	solute carrier	FLJ40478 OA <sup>-</sup>	28232
210976_s_at	0.45773067	-0.05473973	PFKM	phosphofruct	GSD7 MGC86	5213
223407_at	-0.07835865	0.48150089	C16orf48	chromosome	DAKV6410 DI	84080
204249_s_at	-0.0971682	0.50036841	LMO2	LIM domain o	RBTN2 RBTNI	4005
223614_at	0	0.40335304	MMP16	matrix metallo	C8orf57 DKFZ	4325
208759_at	0.18123887	0.22282806	NCSTN	nicastrin	APH2 KIAA02	23385
212838_at	-0.05585587	0.45999998	DNMBP	dynamin bindi	KIAA1010 TU	23268
210316_at	0.00238218	0.40181134	FLT4	fms-related ty	FLT41 LMPH1	2324

213758_at	-0.10751822	0.51175416	COX4I1	cytochrome c COX4 COXIV	1327
227341_at	-0.13572573	0.54122665	BEND7	BEN domain c C10orf30 FLJ4	222389
229028_s_at	-0.30142898	0.70802903	ARL17	ADP-ribosylati ARL17B	641522
219736_at	-0.15910632	0.56605299	TRIM36	tripartite mot HAPRIN RBCC	55521
201635_s_at	0.74792527	-0.34056182	FXR1	fragile X ment -	8087
213199_at	0.21776709	0.18960135	C2CD3	C2 calcium-de DKFZp586P01	26005
239309_at	0.15142352	0.25628516	DLX6	distal-less hom MGC125282	1750
227400_at	0.22092678	0.18695206	NFIX	nuclear factor NF1A	4784
1554614_a_at	0.16670828	0.2412564	PTBP2	polypyrimidin FLJ34897 PTB	58155
218851_s_at	-0.0074615	0.41648076	WDR33	WD repeat do FLJ11294 NET	55339
220355_s_at	0.03079047	0.37927376	PBRM1	polybromo 1 BAF180 MGC	55193
230443_at	0.41024638	0	NHP2L1	NHP2 non-his: 15.5K FA-1 F	4809
233936_s_at	0.51936525	-0.10789283	GGNBP2	gametogeneti DIF-3 DIF3 FL	79893
218364_at	0.15923274	0.25313395	LRRFIP2	leucine rich re DKFZp434H20	9209
207084_at	0.07526585	0.3379594	POU3F2	POU class 3 ho BRN2 OCT7 C	5454
213906_at	-0.22372957	0.63712415	MYBL1	v-myb myelo: A-MYB AMYB	4603
210616_s_at	0.25545378	0.15829286	SEC31A	SEC31 homolo ABP125 ABP1	22872
212319_at	-0.21652164	0.6303357	SGSM2	small G protei KIAA0397 RU	9905
236429_at	0	0.41452558	ZNF83	zinc finger prc FLJ11015 FLJ:	55769
242979_at	0.0789827	0.33583262	IRS1	insulin recept: HIRS-1	3667
205074_at	0.13036562	0.28482783	SLC22A5	solute carrier CDSP FLJ4676	6584
212402_at	-0.02128771	0.43653631	ZC3H13	zinc finger CC(DKFZp434D18	23091
202271_at	0.08716459	0.32833693	FBXO28	F-box protein FLJ10766 Fbx	23219
213242_x_at	0.06189401	0.35388206	KIAA0284	KIAA0284 FAM68C MGC	283638
1553789_a_at	0.24434644	0.17189339	C21orf58	chromosome -	54058
219685_at	0.41609776	0.00017049	TMEM35	transmembra: FLJ14084	59353
225926_at	0.35537565	0.06099697	VTI1B	vesicle transp: VTI1 VTI1-LIK	10490
243056_at	0.3143183	0.10211104	C12orf60	chromosome MGC47869	144608
236124_at	0.54044722	-0.12386829	LOC153546	hypothetical p-	153546
213272_s_at	0.37921475	0.0373815	TMEM159	transmembra: PROMETHIN	57146
216450_x_at	0.80399978	-0.38739871	HSP90B1	heat shock pr: ECGP GP96 C	7184
201334_s_at	-0.07097966	0.48782446	ARHGEF12	Rho guanine r DKFZp686O23	23365
212338_at	0.01706134	0.39993215	MYO1D	myosin ID KIAA0727 my	4642
218397_at	0.214589	0.20294618	FANCL	Fanconi anem FAAP43 FLJ10	55120
237756_at	0.25274447	0.1661904	KLHL23	kelch-like 23 ( DITHP FLJ378	151230
203562_at	0.86250111	-0.44308722	FEZ1	fasciculation a-	9638
203556_at	0.56565449	-0.14587925	ZHX2	zinc fingers an AFR1 KIAA08!	22882
212277_at	-0.01909964	0.43963244	MTMR4	myotubularin FYVE-DSP2 KI	9110
213579_s_at	0.16670532	0.25392679	EP300	E1A binding p KAT3B p300	2033
206634_at	-0.33195455	0.75263017	SIX3	SIX homeobo: HPE2	6496
220368_s_at	-0.00862159	0.42931388	SMEK1	SMEK homolo FLFL1 KIAA20	55671
230405_at	0.29702824	0.12390329	C5orf56	chromosome -	441108
1554237_at	0.60159688	-0.18043361	SDCCAG8	serologically c CCCAP HSPCC	10806
201925_s_at	0.42230367	0	CD55	CD55 molecul CR CROM DA	1604
232023_at	0	0.42234267	TMEM67	transmembra: JBTS6 MECKE	91147
204724_s_at	0.06186307	0.36079902	COL9A3	collagen, type DJ885L7.4.1 E	1299
212719_at	0.11689678	0.30634993	PHLPP1	PH domain an MGC161555	23239
209680_s_at	0.26104093	0.16306535	KIFC1	kinesin family HSET KNSL2 I	3833

226835_s_at	0.46412881	-0.03979758	C20orf199	chromosome	HSUP1 HSUP:	441951
208165_s_at	0.39331792	0.03164643	PRSS16	protease, seri	FLJ36271 FLJ4	10279
213666_at	0.21404117	0.21192412	6-Sep	septin 6	KIAA0128 MG	23157
218789_s_at	0.70285247	-0.27676451	C11orf71	chromosome	FLJ20010	54494
225277_at	0.3969615	0.02920585	SLC39A13	solute carrier	FLJ25785	91252
217996_at	0.41872181	0.00792852	PHLDA1	pleckstrin hon	DT1P1B11 M	22822
227547_at	-0.19610616	0.62294842	LOC388795	EF-hand calci	-	388795
225043_at	0.3193371	0.1076487	SLC15A4	solute carrier	FP12591 PHT	121260
218757_s_at	0.15967935	0.26777299	UPF3B	UPF3 regulato	HUPF3B MRX	65109
223136_at	0.92906454	-0.50020803	AIG1	androgen-indi	AIG-1 DKFZp6	51390
232069_at	-0.56692644	0.99587783	KIF26A	kinesin family	DKFZp434N17	26153
240239_at	0.00966299	0.41931442	ZNF566	zinc finger prc	FLJ14779 MG	84924
201397_at	0.6705947	-0.24155715	PHGDH	phosphoglyce 3-	PGDH 3PGD	26227
223167_s_at	0.14863183	0.28056639	USP25	ubiquitin spec	USP21	29761
201324_at	-0.0064737	0.43824196	EMP1	epithelial mer	CL-20 EMP-1	2012
1557918_s_at	1.14082138	-0.70856672	SLC16A1	solute carrier	FLJ36745 HHI	6566
1559532_at	0.77582876	-0.34330763	C3orf71	chromosome	-	646450
1565162_s_at	1.0909412	-0.65838488	MGST1	microsomal gl	GST12 MGC1.	4257
203412_at	-0.05916518	0.49181233	LZTR1	leucine-zipper	LZTR-1 MGC2	8216
213462_at	-0.05565538	0.49071554	NPAS2	neuronal PAS	FLJ23138 MG	4862
232965_at	0.70215072	-0.26617004	LOC400684	hypothetical g	-	400684
235320_at	0.62946038	-0.19331536	ARL6	ADP-ribosylati	BBS3 MGC32'	84100
206114_at	-0.14617647	0.58241234	EPHA4	EPH receptor .	HEK8 SEK TYI	2043
91816_f_at	0.22593938	0.21031509	MEX3D	mex-3 homolc	KIAA2031 ME	399664
212290_at	0.10680831	0.3297134	SLC7A1	solute carrier	ATRC1 CAT-1	6541
210530_s_at	-0.26243103	0.69899844	NR2C1	nuclear recept	TR2	7181
206695_x_at	0.17936555	0.25733303	ZNF43	zinc finger prc	DKFZp686L18	7594
243829_at	0.49101287	-0.05431137	BRAF	v-raf murine s	B-RAF1 BRAF:	673
211474_s_at	0.24190801	0.19487789	SERPINB6	serpin peptid:	CAP DKFZp68	5269
211034_s_at	0.12477992	0.31245485	C12orf51	chromosome	DKFZp586O1C	283450
211574_s_at	0.79992746	-0.3605454	CD46	CD46 molecul	AHUS2 MCP	4179
206972_s_at	0.02500587	0.4146729	GPR161	G protein-cou	FLJ33952 RE2	23432
201050_at	0.21675269	0.22324152	PLD3	phospholipase	HU-K4 HUK4	23646
231775_at	0.36548582	0.07457355	TNFRSF10A	tumor necrosi	APO2 CD261	8797
242028_at	-0.0123155	0.4523946	ZNF709	zinc finger prc	FLJ38281	163051
216331_at	0.23804462	0.2024299	ITGA7	integrin, alph:	FLJ25220	3679
225068_at	0.3049097	0.13560932	KLHL12	kelch-like 12 (	C3IP1 DKIR F	59349
233446_at	0.24261956	0.1982407	ONECUT2	one cut home	MGC120377	9480
221802_s_at	0.28220864	0.15924172	KIAA1598	KIAA1598	DKFZp686A04	57698
227153_at	0.59817333	-0.15637871	IMMP2L	IMP2 inner mi	IMP2 IMP2-LI	83943
227593_at	0.59253779	-0.15059023	hCG_2008140	hypothetical L	FLJ37453 FLJ4	729614
217903_at	0.20464549	0.23783466	STRN4	striatin, calmc	FLJ35594 ZIN	29888
209959_at	-0.14936768	0.59212487	NR4A3	nuclear recept	CHN CSMF M	8013
205189_s_at	0.01388172	0.42900208	FANCC	Fanconi anem	FA3 FAC FAC	2176
202709_at	0.0111868	0.43173763	FMOD	fibromodulin	SLRR2E	2331
224650_at	-0.62921017	1.07228445	MAL2	mal, T-cell diff	-	114569
205943_at	0.64851222	-0.20460361	TDO2	tryptophan 2,	TDO TPH2 TF	6999
202762_at	-0.12018364	0.56597734	ROCK2	Rho-associate	KIAA0619	9475

228973_at	-0.07585812	0.52166562	DLG2	discs, large ho	DKFZp781D18	1740
208459_s_at	0.35630976	0.08968547	XPO7	exportin 7	KIAA0745 RA	23039
219515_at	0.10937277	0.33679706	PRDM10	PR domain co	KIAA1231 MG	56980
221857_s_at	0.17413556	0.27250232	TJAP1	tight junction	DKFZp686F06	93643
212986_s_at	0.2209769	0.22661279	TLK2	tousled-like ki	MGC44450 P	11011
224807_at	0.22422034	0.22337206	GRAMD1A	GRAM domain	FLJ22411 FLJ	57655
202075_s_at	0.06697737	0.3817382	PLTP	phospholipid t	HDLQC9	5360
1552504_a_at	0.33554919	0.11396758	BRSK1	BR serine/thre	FLJ43009 KIA	84446
216838_at	0.44951693	0	LOC92249	hypothetical L-		92249
226547_at	0.11699666	0.33301636	MYST3	MYST histone	KAT6A MGC1	7994
219510_at	0.01896813	0.43147797	POLQ	polymerase (L	DKFZp781A01	10721
225349_at	0.10319573	0.34772069	ZNF496	zinc finger prc	MGC15548 N	84838
230721_at	0.72704061	-0.27532699	C16orf52	chromosome	MGC26782	730094
209340_at	0.13908436	0.31279665	UAP1	UDP-N-acteyl	AGX AGX1 A	6675
209883_at	0.14496475	0.30790543	GLT25D2	glycosyltransf	C1orf17 FLJ3	23127
204158_s_at	0.49122993	-0.0379877	TCIRG1	T-cell, immuni	ATP6N1C ATF	10312
231806_s_at	-0.04741694	0.50094041	STK36	serine/threon	DKFZp434N02	27148
223849_s_at	0.04294588	0.4111451	MOV10	Mov10, Moloi	DKFZp667O14	4343
211732_x_at	0.41394482	0.04022743	HNMT	histamine N-n	HMT HNMT-S	3176
1558166_at	0.45422443	0	MGC16275	hypothetical r-		85001
217627_at	0.04041027	0.41401374	ZNF573	zinc finger prc	FLJ30921	126231
202253_s_at	0.34528256	0.10978383	DNM2	dynamain 2	CMTDI1 CMT	1785
203988_s_at	0.19860559	0.25699871	FUT8	fucosyltransfe	MGC26465	2530
233655_s_at	0.23252914	0.22349016	HAUS6	HAUS augmin-	Dgt6 FAM29/	54801
218368_s_at	0.68636839	-0.23010685	TNFRSF12A	tumor necrosi	CD266 FN14	51330
1553015_a_at	0.08257583	0.37419913	RECQL4	RecQ protein-	RECQ4	9401
225234_at	0.54160309	-0.08443031	CBL	Cas-Br-M (mu	C-CBL CBL2 F	867
228633_s_at	0.34442398	0.11304638	CNTROB	centrobin, cer	LIP8 PP1221	116840
206006_s_at	0.26382066	0.19458902	KIAA1009	KIAA1009	C6orf84 FLJ1	22832
205739_x_at	0.14079167	0.31800792	ZNF107	zinc finger prc	Y8 ZFD25 ZN	51427
208576_s_at	0.75643732	-0.29680537	HIST1H3B	histone cluste	H3/ H3FL	8358
229211_at	0.29989613	0.16017813	DUSP28	dual specificit	DUSP26 VHP	285193
213358_at	-0.15720206	0.61765089	KIAA0802	KIAA0802	-	23255
201087_at	0.17153951	0.28902002	PXN	paxillin	FLJ16691	5829
212968_at	0.13234929	0.32857329	RFNG	RFNG O-fucos	-	5986
202057_at	0.47810683	-0.01611172	KPNA1	karyopherin a	IPOA5 NPI-1	3836
227526_at	-0.23507099	0.6979239	CDON	Cdon homolo	gCDO MGC111	50937
1569069_s_at	0.01508887	0.4484896	TDRD3	tudor domain	FLJ21007	81550
213027_at	0.17790243	0.28629068	TROVE2	TROVE domain	RO60 SSA2	6738
227572_at	0.24111488	0.22395561	USP30	ubiquitin spec	FLJ40511 MG	84749
230270_at	0.02861613	0.43688465	PRPF38B	PRP38 pre-m	FLJ10330 MG	55119
208776_at	0.07949471	0.38704771	PSMD11	proteasome (l	MGC3844 Rp	5717
225636_at	0.51670099	-0.04882867	STAT2	signal transdu	ISGF-3 MGC5	6773
212538_at	-0.15985782	0.62803045	DOCK9	dedicator of c	DKFZp686C11	23348
201082_s_at	-0.33037014	0.79861898	DCTN1	dynactin 1 (p	1DAP-150 DP-	1639
203394_s_at	0.35695786	0.11220298	HES1	hairy and enh	FLJ20408 HES	3280
1552627_a_at	0.04748431	0.42188394	ARHGAP5	Rho GTPase a	GFI2 RhoGAP	394
214908_s_at	0.19477949	0.27466791	TRRAP	transformatio	FLJ10671 PAF	8295



217900_at	0.36946696	0.10002397	IARS2	isoleucyl-tRNA <sup>FLJ10326</sup>  ILEF	55699
233819_s_at	0.26111625	0.20888339	RNF160	ring finger prc C21orf10 C21	26046
212845_at	0.46543494	0.00522567	SAMD4A	sterile alpha n DKFZp434H03	23034
201506_at	0	0.47181497	TGFBI	transforming {BIGH3 CDB1	7045
230281_at	0.49786457	-0.02577878	C16orf46	chromosome FLJ32702	123775
216399_s_at	0.75489739	-0.28271865	SCAPER	S-phase cyclin FLJ31533 FLJ:	49855
220924_s_at	-0.03708383	0.50966742	SLC38A2	solute carrier ATA2 KIAA13:	54407
230538_at	0.49514968	-0.02254026	SHC4	SHC (Src homc MGC34023 R	399694
203506_s_at	-0.28465852	0.75895242	MED12	mediator com ARC240 CAGI	9968
209892_at	0.47505718	0	FUT4	fucosyltransfe CD15 ELFT F	2526
218598_at	0.2832658	0.19206499	RINT1	RAD50 interac DKFZp667H23	60561
241031_at	0	0.47544967	C2CD4A	C2 calcium-de DKFZp686O22	145741
203755_at	0.37111978	0.1043803	BUB1B	budding uninl BUB1beta BU	701
223805_at	0	0.4756377	OSBPL6	oxysterol bind FLJ36583 MG	114880
203851_at	0.15349444	0.32217288	IGFBP6	insulin-like grc IBP6	3489
212741_at	0.56247714	-0.08660104	MAOA	monoamine o -	4128
239247_at	-0.37747302	0.85449794	LOC401577	hypothetical p -	401577
53720_at	0.12477276	0.35230585	C19orf66	chromosome FLJ11286 FLJ:	55337
1558794_at	0.08584543	0.39189068	LOC728190	hypothetical L -	728190
231887_s_at	0.30184259	0.17624596	KIAA1274	KIAA1274 PALD	27143
242690_at	0.53431358	-0.05601199	ATP11C	ATPase, class 'ATPIG ATPIQ	286410
205978_at	0.36656218	0.11184137	KL	klotho -	9365
227670_at	0.0632044	0.41550312	ZNF75A	zinc finger prc FLJ31529	7627
222454_s_at	0.57714046	-0.09836986	PARVA	parvin, alpha FLJ10793 FLJ:	55742
207833_s_at	0.57611127	-0.09731777	HLCS	holocarboxyla HCS	3141
218543_s_at	0.21680495	0.26203981	PARP12	poly (ADP-ribo FLJ22693 MS'	64761
206495_s_at	0.74561827	-0.26612793	HINFP	histone H4 tra DKFZp434F16	25988
219444_at	0.25502851	0.2249317	BCORL1	BCL6 co-repre B930011H20R	63035
226299_at	0.10511371	0.37542995	PKN3	protein kinase RP11-545E17.	29941
213938_at	0.34640951	0.13442063	ERC2	ELKS/RAB6-inl CAST CAST1	26059
231094_s_at	0.68939441	-0.20795043	MTHFD1L	methylenetetl DKFZp586G15	25902
220386_s_at	0.20570552	0.2763276	EML4	echinoderm n C2orf2 DKFZp	27436
226372_at	0.31266511	0.16952861	CHST11	carbohydrate C4ST C4ST-1	50515
229870_at	0.95635018	-0.47367587	LOC644656	hypothetical p -	644656
209642_at	0.73559012	-0.2502877	BUB1	budding uninl BUB1A BUB1I	699
211707_s_at	0.35659401	0.12896193	IQCB1	IQ motif cont: NPHP5 PIQ S	9657
209119_x_at	0.16165419	0.3240234	NR2F2	nuclear recepti ARP1 COUP-T	7026
218268_at	0.25811141	0.22759817	TBC1D15	TBC1 domain DKFZp686M1:	64786
1554691_a_at	0.26459744	0.22114477	PACSIN2	protein kinase SDPII	11252
1556588_at	0.97366706	-0.48790996	C15orf37	chromosome FLJ33788	283687
1555487_a_at	0.06983826	0.41617425	ACTR3B	ARP3 actin-rel ARP11 ARP3E	57180
225525_at	0.30728803	0.17885488	KIAA1671	KIAA1671 -	85379
235170_at	0.17247101	0.31441113	ZNF92	zinc finger prc HPF12 HTF12	168374
235301_at	0.58544277	-0.09803704	KIAA1324L	KIAA1324-like EIG121L FLJ3:	222223
213634_s_at	0.04335666	0.44414055	TRMU	tRNA 5-methy MGC99627 M	55687
222471_s_at	-0.02202677	0.50969746	KCMF1	potassium cha DEBT91 DKFZ	56888
231115_at	0.78712543	-0.29883478	POLH	polymerase (L FLJ16395 FLJ:	5429
210676_x_at	0.15493988	0.33384471	RGPD5	RANBP2-like a BS-63 BS63 L	84220

235266_at	0.71489813	-0.22597418	ATAD2	ATPase family ANCCA DKFZt	29028
225979_at	-0.25000417	0.73900159	PLEKHG2	pleckstrin hon CLG DKFZp66	64857
226429_at	0.4055003	0.08394209	KIAA1704	KIAA1704 AD029 LSR7	55425
221761_at	0.01132453	0.47815534	ADSS	adenylosuccin ADEH MGC2C	159
224991_at	0.34066275	0.14929039	CMIP	c-Maf-inducin KIAA1694 TCI	80790
231882_at	-0.02266687	0.5127454	FLJ39632	hypothetical L -	642477
203037_s_at	0.19984305	0.290672	MTSS1	metastasis sup DKFZp781P22	9788
237116_at	0.92772163	-0.43698452	LOC646903	hypothetical L -	646903
226063_at	0.10655929	0.38478202	VAV2	vav 2 guanine -	7410
229957_at	0.27398601	0.21749851	TMEM91	transmembrai FLJ27310 FLJ4	641649
225629_s_at	0.02832317	0.463361	ZBTB4	zinc finger anc KAISO-L1 KIA	57659
212690_at	0.23105593	0.26098078	DDHD2	DDHD domain KIAA0725 SAI	23259
220189_s_at	-0.05860142	0.55138478	MGAT4B	mannosyl (alp GNT-IV GNT-I	11282
204394_at	0.47984891	0.01312389	SLC43A1	solute carrier LAT3 PB39 Pi	8501
206289_at	1.14436817	-0.65117451	HOXA4	homeobox A4 HOX1 HOX1D	3201
224976_at	-0.35359173	0.8478618	NFIA	nuclear factor DKFZp434L04	4774
209201_x_at	0.74529231	-0.25099622	CXCR4	chemokine (C CD184 D2S20	7852
212794_s_at	0.31611945	0.1784217	KIAA1033	KIAA1033 -	23325
1569464_at	0.49522657	0	PPFIBP1	PTPRF interac L2 hSGT2 hSg	8496
201956_s_at	0.18252345	0.31270341	GNPAT	glyceronepho:DAP-AT DAPA	8443
233461_x_at	0.35532445	0.13996837	ZNF226	zinc finger prc -	7769
218628_at	0.53642261	-0.0408262	CCDC53	coiled-coil dor CGI-116	51019
206039_at	0.5077571	-0.01145911	RAB33A	RAB33A, memr MGC1488 Ra	9363
209513_s_at	0.57843481	-0.08174998	HSDL2	hydroxysteroid C9orf99 FLJ2!	84263
200702_s_at	0.36626251	0.1312479	DDX24	DEAD (Asp-Glu-	57062
217908_s_at	0.05625821	0.44151276	DCAF6	DDB1 and CUI 1200006M05I	55827
209568_s_at	0.35437649	0.14371935	RGL1	ral guanine nu KIAA0959 RG	23179
224817_at	0.15097445	0.34746017	SH3PXD2A	SH3 and PX dc FISH SH3MD1	9644
219602_s_at	0.50591463	-0.0067412	FAM38B	family with se C18orf30 C18	63895
204527_at	0.49363673	0.00585796	MYO5A	myosin VA (he GS1 MYH12 i	4644
222240_s_at	0.22561692	0.27393663	ISYNA1	inositol-3-pho INO1 INOS IP	51477
1554122_a_at	0.66191146	-0.16230355	HSD17B12	hydroxysteroid KAR SDR12C1	51144
239143_x_at	-0.05954663	0.55920115	RNF138	ring finger prc HSD-4 MGC8'	51444
1568704_a_at	0.27330993	0.22680961	CHERP	calcium home DAN16 SCAF6	10523
1559681_a_at	0.55559265	-0.05517629	TRIM16L	tripartite mot TRIM70	147166
1557370_s_at	-0.06147557	0.56203005	MYCBP2	MYC binding r DKFZp686M0!	23077
220974_x_at	0.51961617	-0.01869459	SFXN3	sideroflexin 3 BA108L7.2 SF	81855
205188_s_at	0.36596487	0.13510604	SMAD5	SMAD family r DKFZp781C18	4090
213413_at	0.09242845	0.40926936	GTF2A1L	general transc ALF MGC262!	11036
201124_at	0.22868336	0.27344544	ITGB5	integrin, beta FLJ26658	3693
203333_at	0.43824846	0.06483426	KIFAP3	kinesin-associ FLJ22818 KAF	22920
206512_at	0.05975688	0.44381522	ZRSR1	zinc finger (CC FLJ94140 MG	7310
226022_at	0.21923532	0.28592392	SASH1	SAM and SH3 KIAA0790 RP:	23328
39248_at	0.393422	0.11199076	AQP3	aquaporin 3 (GIL	360
212798_s_at	0.33605454	0.17123241	ANKMY2	ankyrin repea DKFZp564O04	57037
225327_at	0.32358875	0.18374973	KIAA1370	KIAA1370 FLJ10980 MG	56204
229325_at	0.38855261	0.1188233	ZZZ3	zinc finger, ZZ DKFZp313N01	26009
1554057_at	0.80928474	-0.30132809	LOC645676	hypothetical L FLJ44595	645676

227172_at	0.51506722	-0.00557359	TMEM116	transmembrai FLJ90167	89894
1552572_a_at	0.38828705	0.12258442	MIPOL1	mirror-image DKFZp313M2l	145282
204979_s_at	0.59587911	-0.08451495	SH3BGR	SH3 domain b 21-GARP	6450
230879_at	0.24364381	0.26787325	BAG2	BCL2-associat BAG-2 KIAA0!	9532
223028_s_at	0.19178858	0.31980897	SNX9	sorting nexin !MST155 MST	51429
204454_at	0	0.51168566	LDOC1	leucine zipper BCUR1 Mar7	23641
208796_s_at	0.79318051	-0.28068081	CCNG1	cyclin G1 CCNG	900
226330_s_at	0.42782035	0.08494094	FAM48A	family with se C13 C13orf19	55578
235520_at	0.57530693	-0.06239087	ZNF280C	zinc finger prc FLJ20095 SU!	55609
201671_x_at	0.14161606	0.37136558	USP14	ubiquitin spec TGT	9097
219863_at	0.88824145	-0.37494008	HERC5	hect domain ε CEB1 CEBP1	51191
229138_at	0.32864084	0.18559356	PARP11	poly (ADP-ribc C12orf6 DKFZ	57097
213172_at	0.26529634	0.24903475	TTC9	tetratricopept KIAA0227 TT!	23508
226018_at	-0.09864334	0.61309163	C7orf41	chromosome Ells1 FLJ2590.	222166
202679_at	0.31916605	0.19544038	NPC1	Niemann-Pick FLJ98532 NPC!	4864
218051_s_at	0.11409488	0.40078286	NT5DC2	5'-nucleotidas FLJ12442	64943
200695_at	0.00443211	0.5109258	PPP2R1A	protein phosp MGC786 PR6	5518
200962_at	1.02780226	-0.51215957	RPL31	ribosomal pro MGC88191	6160
221050_s_at	0.87160998	-0.35575124	GTPBP2	GTP binding p MGC74725	54676
212551_at	0.34978757	0.16626512	CAP2	CAP, adenylat -	10486
205079_s_at	0.30155814	0.21532219	MPDZ	multiple PDZ ε DKFZp781P21	8777
208490_x_at	1.50711773	-0.98978563	HIST1H2BF	histone cluste H2B/g H2BFG	8343
204270_at	-0.16277875	0.68022275	SKI	v-ski sarcoma SKV	6497
232392_at	0.60582367	-0.08828825	SFRS3	splicing factor SRp20	6428
229553_at	0.15851003	0.35906532	PGM2L1	phosphogluco BM32A FLJ32	283209
230263_s_at	0.54818258	-0.02925936	DOCK5	dedicator of c DKFZp451J18:	80005
244786_at	1.04683357	-0.52784966	SNHG10	small nucleola C14orf62 FLJ!	283596
220892_s_at	0.66975551	-0.1505152	PSAT1	phosphoserin EPIP MGC14!	29968
234465_at	0.15408395	0.36562017	EME1	essential meic FLJ31364 MN	146956
207000_s_at	0.46609646	0.05383781	PPP3CC	protein phosp CALNA3 CNA:	5533
223522_at	0.20803586	0.31207667	C9orf45	chromosome DKFZp779O01	81571
219188_s_at	0.36479322	0.15676472	MACROD1	MACRO doma LRP16	28992
206217_at	1.20169454	-0.68009209	EDA	ectodysplasias ED1 ED1-A1	1896
201724_s_at	-0.00752375	0.5296555	GALNT1	UDP-N-acetyl- GALNAC-T1	2589
227880_s_at	0.16973934	0.35263072	TMEM185A	transmembrai CXorf13 FAM	84548
222732_at	0.49757114	0.02489783	TRIM39	tripartite mot MGC32984 R	56658
223098_s_at	0.32723584	0.19547263	LONP2	lon peptidase LONP LONPL	83752
215161_at	0.31610034	0.20709234	CAMK1G	calcium/calmc CLICKIII VWS!	57172
219833_s_at	0.76935838	-0.24596938	EFHC1	EF-hand domε EJA1 EJM EJN	114327
218234_at	0.54264355	-0.01779522	ING4	inhibitor of gr MGC12557 nr	51147
230384_at	0.42322522	0.10247043	ANKRD23	ankyrin repea DARP FLJ324!	200539
229831_at	-0.00301924	0.52872192	CNTN3	contactin 3 (p BIG-1 KIAA14	5067
223023_at	0.3838822	0.14307567	BET1L	blocked early BET1L1 GOLII	51272
213004_at	0.52731443	0	ANGPTL2	angiopoietin-l ARP2 HARP P	23452
217419_x_at	0.32511862	0.20228149	AGRN	agrins FLJ45064	375790
225970_at	0.43153647	0.09635699	DDHD1	DDHD domain FLJ34209 FLJ!	80821
220391_at	0.16849832	0.3595181	ZBTB3	zinc finger anc FLJ23392	79842
1558828_s_at	0.52856314	0	LOC728264	hypothetical L DKFZp586C07	728264

1555004_a_at	0.12316348	0.40599846	RBL1	retinoblastom CP107 MGC4	5933
205156_s_at	0.52047005	0.00875572	ACCN2	amiloride-sen ASIC ASIC1 A	41
231866_at	0.43565188	0.09388552	LNPEP	leucyl/cystiny CAP IRAP P-L	4012
1554800_at	0.6761733	-0.14655713	RAB39	RAB39, memb-	54734
226267_at	0.35674463	0.17306721	JDP2	Jun dimerizati JUNDM2	122953
235409_at	0.1537752	0.37627894	MGA	MAX gene ass FLJ12634 KIA	23269
229513_at	-0.04481982	0.57495506	STRBP	spermatid per DKFZp434N21	55342
225782_at	0.03516122	0.49541432	MSRB3	methionine su DKFZp686C11	253827
1555842_at	-0.21974421	0.7504779	CYTH2	cytohesin 2 ARNO CTS18	9266
201864_at	0.23845227	0.29245376	GDI1	GDP dissociati FLJ41411 GDI	2664
200677_at	0.25415305	0.27702864	PTTG1IP	pituitary tumc C21orf1 C21c	754
236255_at	0.32571192	0.20589995	PLEKHG4B	pleckstrin hon FLJ43173 KIA	153478
203298_s_at	0.42939726	0.10273056	JARID2	jumonji, AT ricJMJ	3720
227829_at	-0.6779253	1.2102671	GYLTL1B	glycosyltransf FLJ35207 LAR	120071
1554465_s_at	0.29978653	0.23262488	ZNF673	zinc finger fan FLJ20344	55634
210882_s_at	0.12831174	0.40514875	TRO	trophinin KIAA1114 MA	7216
235334_at	0	0.53355703	ST6GALNAC3	ST6 (alpha-N-; FLJ13669 FLJ;	256435
209781_s_at	0.52363686	0.01062241	KHDRBS3	KH domain co Etle SALP SLM	10656
240868_at	0.0718485	0.46278707	LOC10012940	hypothetical p-	100129406
213623_at	0.64984959	-0.11516306	KIF3A	kinesin family -	11127
222450_at	-0.14534469	0.6812195	PMEPA1	prostate trans STAG1 TMEP,	56937
233337_s_at	0.10622446	0.42971605	SEZ6L2	seizure relate FLJ90517 PSK	26470
223283_s_at	0.32764352	0.20830468	TSHZ1	teashirt zinc fi NY-CO-33 SDI	10194
236017_at	0.59249181	-0.05649327	CDKL3	cyclin-depend NKIAMRE	51265
1569600_at	-0.19597417	0.73233904	DLEU2	deleted in lym 1B4 BCMSUN	8847
218528_s_at	0.06924511	0.46805035	RNF38	ring finger prc FLJ21343	152006
202654_x_at	0.5040157	0.03350946	7-Mar	membrane-as AXO AXOT D	64844
208297_s_at	0.49746017	0.04014287	EVI5	ecotropic vira NB4S	7813
206531_at	-0.0635854	0.60171358	DPF1	D4, zinc and d BAF45b MGC	8193
219249_s_at	0.12212465	0.41653953	FKBP10	FK506 binding FKBP6 FKBP6	60681
207494_s_at	0.04071651	0.49869727	ZNF76	zinc finger prc D6S229E ZNF	7629
213642_at	0.34992135	0.19023293	RPL27	ribosomal pro -	6155
223741_s_at	0.13596933	0.40470581	TTYH2	tweety homol C17orf29 MG	94015
218204_s_at	0.37136396	0.17023673	FYCO1	FYVE and coilc DKFZp779K11	79443
212094_at	-0.17430314	0.71618892	PEG10	paternally exp Edr HB-1 KIA	23089
240117_at	0.54201581	0	FBN3	fibrillin 3 KIAA1776	84467
225731_at	0.33316337	0.20905455	ANKRD50	ankyrin repea KIAA1223	57182
229762_at	0.64778285	-0.10554505	C7orf38	chromosome DKFZp727G13	221786
225668_at	0.11477997	0.42749452	FAM173B	family with se FLJ20667	134145
214895_s_at	0.39881329	0.14456038	ADAM10	ADAM metallc AD10 CD156c	102
213288_at	-0.11690607	0.66029519	MBOAT2	membrane bo FLJ14415 FLJ;	129642
226185_at	0.66642788	-0.12275384	CDS1	CDP-diacylglyc CDS	1040
219578_s_at	0.60601637	-0.06220267	CPEB1	cytoplasmic p CEBP CPE-BP:	64506
225929_s_at	0.00418963	0.53966259	RNF213	ring finger prc C17orf27 DKF	57674
225135_at	0.30956584	0.23485378	SIN3A	SIN3 homolog DKFZp434K22	25942
218973_at	0.45958225	0.08555428	EFTUD1	elongation fac FAM42A FLJ1	79631
225944_at	0.37477453	0.17041699	NLN	neurolysin (m AGTBP DKFZ;	57486
231921_at	-0.0181232	0.56366486	DCAF17	DDB1 and CUI C2orf37 DKFZ	80067

203697_at	0.54560208	0	FRZB	frizzled-relate FRE FRITZ FR	2487
218402_s_at	0.51997714	0.02567768	HPS4	Hermansky-Pi KIAA1667 LE	89781
230715_at	0.47044632	0.07527672	ZNF518B	zinc finger prc KIAA1729	85460
227718_at	0.33788276	0.20866821	PURB	purine-rich ele MGC126784	5814
209890_at	0.53324487	0.01350505	TSPAN5	tetraspanin 5 NET-4 TM4SF	10098
208096_s_at	0.76166988	-0.21431931	COL21A1	collagen, type COLA1L DKFZ	81578
1553311_at	0.47070246	0.07673948	C20orf197	chromosome FLJ33860 MG	284756
209943_at	0.58282562	-0.03521713	FBXL4	F-box and leuc FBL4 FBL5	26235
47560_at	-0.0827128	0.63035285	LPHN1	latrophilin 1 C1RL1 CL1 LE	22859
1559528_at	0.44480542	0.10329234	LOC10012991	hypothetical p-	100129917
218589_at	0.54928749	0	LPAR6	lysophosphati LAH3 MGC12	10161
218309_at	0.38090794	0.16937623	CAMK2N1	calcium/calmo MGC22256 P	55450
230643_at	0.12391482	0.42682527	WNT9A	wingless-type MGC138165	7483
230930_at	0.06657941	0.48496614	LOC338620	hypothetical p-	338620
204121_at	0	0.55162347	GADD45G	growth arrest CR6 DDIT2 G	10912
227162_at	0.49716668	0.05465076	ZBTB26	zinc finger anc KIAA1572 ZNI	57684
220199_s_at	0.14058591	0.41125984	AIDA	axin interacto C1orf80 FLJ1:	64853
1557954_at	0.43779476	0.11420306	CXorf15	chromosome FIAT FLJ1120:	55787
203513_at	0.39760195	0.15442029	SPG11	spastic paraple DKFZp762B15	80208
205282_at	0.57740233	-0.02510512	LRP8	low density lip APOER2 HSZ7	7804
204773_at	0.08562717	0.4669574	IL11RA	interleukin 11 MGC2146	3590
226872_at	0.01675691	0.53618989	RFX2	regulatory fac FLJ14226	5990
220565_at	0.57738294	-0.02427196	CCR10	chemokine (C-GPR2	2826
219618_at	0.3515353	0.20177272	IRAK4	interleukin-1 r IPD1 NY-REN-	51135
228660_x_at	0.14019436	0.41341664	SEMA4F	sema domain, M-SEMA PRO	10505
204731_at	-0.13683712	0.69099497	TGFBR3	transforming p BGCAN betag	7049
209865_at	0.88254062	-0.32774242	SLC35A3	solute carrier DKFZp781P12	23443
209321_s_at	0.34764788	0.20732327	ADCY3	adenylate cyc AC3 KIAA051	109
222258_s_at	0.2323245	0.32304636	SH3BP4	SH3-domain b BOG25 TTP	23677
226413_at	0.74690795	-0.19149328	LOC400027	hypothetical p-	400027
226859_at	0.22154139	0.33410487	GNG10	guanine nucle -	2790
213066_at	0.80973315	-0.25401002	RUSC2	RUN and SH3 Iporin KIAA0:	9853
201616_s_at	0.19304838	0.36324927	CALD1	caldesmon 1 CDM H-CAD	800
1557132_at	0.59352509	-0.03711395	WDR17	WD repeat do FLJ26618	116966
213190_at	0.36295106	0.19406975	COG7	component of CDG2E	91949
235532_at	0.52159379	0.03561253	PIGM	phosphatidylii GPI-MT-I MG	93183
206526_at	0.2614217	0.2958768	RIBC2	RIB43A domai C22orf11	26150
228260_at	0	0.55735496	ELAVL2	ELAV (embryo HEL-N1 HELN	1993
224525_s_at	0.27868328	0.27869762	OLA1	Obg-like ATPa DKFZp313H19	29789
205085_at	0.3872511	0.17064182	ORC1L	origin recogni HSORC1 ORC	4998
208965_s_at	0.4809778	0.07722389	IFI16	interferon, ga IFNGIP1 MGC	3428
218984_at	0.13687153	0.42159273	PUS7	pseudouridyla FLJ20485 KIA	54517
230060_at	0.0522414	0.50630623	CDCA7	cell division cy FLJ14722 FLJ:	83879
212081_x_at	0.05994339	0.49881405	BAT2	HLA-B associa D6S51 D6S51	7916
236311_at	0.87977006	-0.32038268	LOH12CR2	loss of hetero: LOH2CR12	503693
204061_at	0.37915174	0.18043638	PRKX	protein kinase PKX1	5613
214472_at	1.00789564	-0.44704868	HIST1H3D	histone cluste H3/b H3FB	8351
210649_s_at	-0.1725288	0.73438234	ARID1A	AT rich intera B120 BAF250	8289

218678_at	-0.11155227	0.67391611	NES	nestin	FLJ21841 Nbl	10763
215224_at	-0.0483122	0.61130475	SNORA21	small nucleol	ACA21	619505
209919_x_at	0.20272126	0.36065769	GGT1	gamma-glutar	CD224 D22S6	2678
235300_x_at	0.46959681	0.0946481	RCHY1	ring finger anc	ARNIP CHIMF	25898
207304_at	-0.01517138	0.57948001	ZNF45	zinc finger prc	KOX5 ZNF13	7596
223982_s_at	0.36285411	0.2017018	PNPLA8	patatin-like pl	IPLA2(GAMM,	50640
203414_at	0.14735486	0.41795559	MMD	monocyte to r	MMA PAQR1	23531
212358_at	0.50831818	0.0574337	CLIP3	CAP-GLY dom:	CLIPR-59 CLIF	25999
200688_at	0.24385316	0.32231643	SF3B3	splicing factor	KIAA0017 RSI	23450
201557_at	0.56194866	0.0043166	VAMP2	vesicle-associ	FLJ11460 SYB	6844
200958_s_at	0.44712932	0.11914599	SDCBP	syndecan binc	MDA-9 ST1 S	6386
212306_at	0.66689788	-0.10049259	CLASP2	cytoplasmic lii-		23122
215167_at	0.61121171	-0.04374785	MED14	mediator com	CRSP150 CRS	9282
226098_at	0.2374047	0.3300695	IFT80	intraflagellar t	ATD2 KIAA13	57560
235721_at	0.17293542	0.39649033	DTX3	deltex homolc	FLJ34766 MG	196403
209146_at	0.44599292	0.12367831	SC4MOL	sterol-C4-met	DESP4 ERG25	6307
205967_at	0.67520025	-0.10542432	HIST1H4C	histone cluste	H4/g H4FG d	8364
232475_at	0.08394309	0.48643199	C15orf42	chromosome	FLJ41618 MG	90381
235151_at	0.06473397	0.5057126	LOC283357	hypothetical ç	FLJ42401	283357
235744_at	0.50702886	0.06357509	PPTC7	PTC7 protein	DKFZp686M0	160760
226652_at	0.11949438	0.45181691	USP3	ubiquitin spec	MGC129878	9960
210010_s_at	0.36891407	0.20254994	SLC25A1	solute carrier	CTP SLC20A3	6576
207306_at	0.57152857	0	TCF15	transcription f	EC2 PARAXIS	6939
212820_at	0.42784336	0.14371499	DMXL2	Dmx-like 2	FLJ26672 KIA	23312
201143_s_at	0.22776265	0.3447883	EIF2S1	eukaryotic tra	EIF-2 EIF-2A	1965
236635_at	0.22098573	0.35185529	ZNF667	zinc finger prc	DKFZp686O11	63934
211721_s_at	-0.18703644	0.76027465	ZNF551	zinc finger prc	DKFZp686H10	90233
202305_s_at	0.46879866	0.10449033	FEZ2	fasciculation a	HUM3CL MG	9637
208393_s_at	0.59779365	-0.02398942	RAD50	RAD50 homol	NBSLD RAD50	10111
229400_at	0.20889824	0.36507985	HOXD10	homeobox D1	HOX4 HOX4D	3236
221476_s_at	0.45456316	0.11964844	RPL15	ribosomal pro	EC45 FLJ2630	6138
227468_at	0.64818353	-0.07393008	CPT1C	carnitine palr	CATL1 CPT1P	126129
218631_at	0.67684325	-0.10246551	AVP11	arginine vasoç	PP5395 RP11	60370
241342_at	0.2558359	0.31864797	TMEM65	transmembran		157378
212755_at	0.58383911	-0.00928918	MON2	MON2 homolc	KIAA1040 MG	23041
230109_at	0.39307566	0.18150065	PDE7B	phosphodiester	MGC88256 b.	27115
204304_s_at	0.04428111	0.53124646	PROM1	prominin 1	AC133 CD133	8842
201299_s_at	0.10216793	0.47383647	MOBK1B	MOB1, Mps O	C2orf6 FLJ10	55233
219132_at	0.52814897	0.04918048	PELI2	pellino homol		57161
1568873_at	-0.13105012	0.70847842	ZNF519	zinc finger prc	FLJ36809 FLJ	162655
235199_at	0.27280466	0.30466007	RNF125	ring finger prc	FLJ20456 MG	54941
242706_s_at	0.29154528	0.28668619	MED23	mediator com	CRSP130 CRS	9439
218859_s_at	0.31656848	0.26198548	ESF1	ESF1, nucleol	ABTAP C20orf	51575
221527_s_at	0.34404061	0.23497452	PARD3	par-3 partiti	ASIP Baz Baz	56288
235514_at	0.54483846	0.03432138	ASPRV1	aspartic pepti	MUNO SASP	151516
209234_at	0.35419104	0.2263946	KIF1B	kinesin family	CMT2 CMT2A	23095
203071_at	-0.03181736	0.6131792	SEMA3B	sema domain,	FLJ34863 LUC	7869
202568_s_at	0.31749865	0.26391063	MARK3	MAP/microtub	CTAK1 KP78	4140

201774_s_at	0.41319868	0.16855176	NCAPD2	non-SMC conc	CAP-D2 CNAF	9918
215249_at	0.5809698	0.0013195	RPL35A	ribosomal pro	DBA5	6165
218537_at	0.41974044	0.16291593	HCFC1R1	host cell facto	FLJ20568 HPI	54985
224652_at	0.14322559	0.43993929	CCNY	cyclin Y	C10orf9 CBCF	219771
205953_at	0.62270754	-0.03944178	LRIG2	leucine-rich re	DKFZp451C18	9860
225688_s_at	0.30384065	0.27985798	PHLDB2	pleckstrin hon	DKFZp313O24	90102
222770_s_at	0.32419546	0.26015361	GUF1	GUF1 GTPase	FLJ13220	60558
207620_s_at	0.33376894	0.2506775	CASK	calcium/calmc	CAGH39 CMC	8573
204578_at	0.2024246	0.38272239	HISPPD2A	histidine acid	DKFZp313L02	9677
240950_s_at	0.56731378	0.01795313	CCDC155	coiled-coil dor	DKFZp434A22	147872
222234_s_at	0.71885482	-0.13328716	DBNDD1	dysbindin (dys	FLJ12582 MG	79007
222473_s_at	0.34026462	0.24530618	ERBB2IP	erb2 interact	ERBIN LAP2	55914
200049_at	0.36020372	0.22551201	MYST2	MYST histone	HBO1 HBOA	11143
239188_at	0.87768707	-0.29186281	PPP2R3C	protein phosp	C14orf10 FLJ	55012
236608_at	0.80153992	-0.21530677	GPR113	G protein-cou	FLJ16767 PGF	165082
1557145_at	0.39131814	0.19497106	STK38	serine/threon	NDR NDR1	11329
200629_at	0.97648194	-0.3900535	WARS	tryptophanyl-	GAMMA-2 IFI	7453
203027_s_at	0.45776291	0.12890044	MVD	mevalonate (c	FP17780 MPL	4597
227636_at	0.42939415	0.15775561	THAP5	THAP domain	DKFZp313O11	168451
216493_s_at	0.34588728	0.2417337	IGF2BP3	insulin-like grc	CT98 DKFZp6	10643
213400_s_at	0.12471241	0.46387031	TBL1X	transducin (be	EBI SMAP55	6907
204481_at	0.36817426	0.22067083	BRPF1	bromodomair	BR140	7862
203096_s_at	0.33710862	0.25179383	RAPGEF2	Rap guanine n	CNrasGEF NR	9693
205761_s_at	0.43153651	0.15818089	DUS4L	dihydrouridin	DUS4 MGC13	11062
206500_s_at	0.65426758	-0.06451212	C14orf106	chromosome	FLJ11186 HSA	55320
213184_at	0.04828281	0.54177098	SENPS	SUMO1/sentr	DKFZp564O1C	205564
214766_s_at	0.0580812	0.53210182	AHCTF1	AT hook cont	DKFZp434N09	25909
225433_at	0.05668758	0.53383423	GTF2A1	general transc	MGC129969	2957
221249_s_at	0.39134865	0.20080062	FAM117A	family with se	-	81558
225010_at	0.06780338	0.52471789	CCDC6	coiled-coil dor	D10S170 FLJ3	8030
221922_at	1.01756579	-0.42452846	GPSM2	G-protein sign	LGN Pins	29899
1555960_at	0.54875083	0.0444158	HINT1	histidine triad	FLJ30414 FLJ	3094
1553719_s_at	0.43194028	0.16231755	ZNF548	zinc finger prc	FLJ32932	147694
1554060_s_at	0.54974416	0.04486518	SETMAR	SET domain ar	METNASE	6419
209365_s_at	0.17601851	0.41926451	ECM1	extracellular r-		1893
210189_at	0.4473757	0.14797324	HSPA1L	heat shock 70	HSP70-1L HSF	3305
229377_at	0.6673688	-0.07148273	GRTP1	growth hormc	FLJ22474 MG	79774
231897_at	1.66827098	-1.07229084	PTGR1	prostaglandin	FLJ99229 LTB	22949
207247_s_at	0.54535393	0.05126485	ZFY	zinc finger prc	MGC138710	7544
203490_at	0.05573756	0.54145732	ELF4	E74-like facto	ELFR MEF	2000
205642_at	0.6192703	-0.02183245	CEP110	centrosomal p	CEP1 FAN bA	11064
202636_at	0.36689723	0.23064503	RNF103	ring finger prc	KF1 MGC102i	7844
227246_at	0.30120423	0.29634547	PLRG1	pleiotropic re	MGC110980	5356
235360_at	0.35197994	0.24567428	PLEKHM3	pleckstrin hon	DAPR DKFZp6	389072
224797_at	0.62246173	-0.02477415	ARRDC3	arrestin doma	KIAA1376 TLI	57561
201798_s_at	0	0.59786969	MYOF	myoferlin	FER1L3 FLJ36	26509
224638_at	0.47395127	0.12404284	UNQ1887	signal peptide	DKFZp586C13	121665
207130_at	0.18322455	0.41484845	ZMYND8	zinc finger, M'	MGC31836 P	23613

228449_at	0.16914882	0.42995088	C22orf27	chromosome FLJ35801	150291
206918_s_at	0.16109962	0.43803535	CPNE1	copine I COPN1 CPN1	8904
205437_at	0.45022459	0.14892791	ZNF211	zinc finger prc C2H2-25 CH2	10520
211320_s_at	-0.09137652	0.69069764	PTPRU	protein tyrosin FLJ37530 FMI	10076
203724_s_at	0.50882339	0.09053131	RUFY3	RUN and FYVE KIAA0871 RIP	22902
231175_at	0.78699994	-0.18752335	BEND6	BEN domain c C6orf65 FLJ3	221336
232004_at	0.12481616	0.474873	HNRNPR	heterogeneous FLJ25714 HNI	10236
228953_at	0.51228322	0.08902019	WHAMM	WAS protein h KIAA1971 WH	123720
32069_at	0.50248825	0.0995353	N4BP1	NEDD4 binding FLJ31821 KIA	9683
218508_at	0.62528773	-0.02202132	DCP1A	DCP1 decap FLJ21691 HSA	55802
231718_at	0.42167488	0.18223626	SLU7	SLU7 splicing t9G8 MGC928	10569
211966_at	0.09388209	0.51004916	COL4A2	collagen, type DKFZp686I14	1284
205321_at	0.37509091	0.22904794	EIF2S3	eukaryotic tra EIF2 EIF2G EI	1968
230692_at	0.48766985	0.11739115	LOC157503	hypothetical p-	157503
212638_s_at	0.29386261	0.31227985	WWP1	WW domain c AIP5 DKFZp4	11059
236182_at	0.60621991	0	FAM185A	family with se MGC35361	222234
204303_s_at	0.45660348	0.15003416	KIAA0427	KIAA0427 Gm672	9811
217104_at	0.28106382	0.3259558	ST20	suppressor of HCCS-1	400410
212325_at	0.37328872	0.23375561	LIMCH1	LIM and calpo DKFZp434I03	22998
225729_at	0.18093661	0.42612342	C6orf89	chromosome FLJ25357 MG	221477
212746_s_at	0.30989852	0.29735521	CEP170	centrosomal p FAM68A KAB	9859
235390_at	0.18926784	0.41867596	SFRS12IP1	SFRS12-intera FLJ36754 MG	285672
240554_at	0.00838384	0.59984078	AKAP8L	A kinase (PRK, DKFZp434L06	26993
244587_at	0.16939646	0.4391813	ATF7	activating tra ATFA MGC57	11016
204598_at	0.26956397	0.34008175	UBOX5	U-box domain KIAA0860 RN	22888
226379_s_at	-0.08331815	0.69297346	C19orf25	chromosome FLJ36666	148223
222918_at	0.21485221	0.39502172	RAB9B	RAB9B, memk RAB9L	51209
219298_at	0.33831514	0.27158878	ECHDC3	enoyl Coenzym FLJ20909	79746
203839_s_at	0.38216711	0.22808863	TNK2	tyrosine kinase ACK ACK1 FL	10188
209617_s_at	0.72228382	-0.11071194	CTNND2	catenin (cadherin) GT24 NPRAP	1501
222595_s_at	0.63564094	-0.02401199	DIDO1	death inducer BYE1 C20orf1	11083
202341_s_at	0.25398613	0.35825376	TRIM2	tripartite mot KIAA0517 RN	23321
202644_s_at	0.24172317	0.37065206	TNFAIP3	tumor necrosis A20 MGC104	7128
212494_at	0.0530105	0.55961493	TENC1	tensin like C1 C1-TEN C1TEI	23371
244261_at	0.34277295	0.26994111	IL28RA	interleukin 28 CRF2/12 IFNL	163702
241669_x_at	0	0.61321188	PRKD2	protein kinase HSPC187 PKC	25865
226541_at	0.3002586	0.31349748	FBXO30	F-box protein FLJ41030 Fbx	84085
223313_s_at	0.10239978	0.51138955	MAGED4B	melanoma an KIAA1859 MC	81557
208442_s_at	0.84735516	-0.23251392	ATM	ataxia telangiect AT1 ATA ATC	472
206197_at	0.03471635	0.58050394	NME5	non-metastatic NM23-H5 NV	8382
203274_at	0.10480959	0.51088188	F8A1	coagulation factor DXS522E F8A	8263
214709_s_at	0.42813582	0.18771886	KTN1	kinectin 1 (kin CG1 KIAA000	3895
229961_x_at	0.66244614	-0.0459292	YJEFN3	YjeF N-termin FLJ44968 MG	374887
209824_s_at	0.19253431	0.42401227	ARNTL	aryl hydrocarbon BMAL1 BMAL	406
212849_at	0.4297676	0.1869513	AXIN1	axin 1 AXIN MGC52	8312
206724_at	0.59012149	0.02695617	CBX4	chromobox h NBP16 PC2 h	8535
206315_at	0.42370155	0.19420089	CRLF1	cytokine receptor CISS CISS1 CI	9244
230629_s_at	0.11738975	0.50060687	EP400	E1A binding p CAGH32 DKF	57634



210054_at	0.30779405	0.31029246	HAUS3	HAUS augmin- C4orf15 DKFZ	79441
213793_s_at	0.43382427	0.18437258	HOMER1	homer homol HOMER HOM	9456
225547_at	0.4325821	0.18609631	SNHG6	small nucleola HBII-276HG N	641638
226566_at	0.28800591	0.33238382	TRIM11	tripartite mot BIA1 RNF92	81559
244669_at	0.44087368	0.17996387	SNHG5	small nucleola C6orf160 MG	387066
225560_at	-0.01916851	0.64217999	POMT2	protein-O-ma DKFZp686G1C	29954
229778_at	1.27572313	-0.65269696	C12orf39	chromosome MGC10946	80763
223713_at	0.72960627	-0.10636783	RSPH3	radial spoke 3 RSHL2 RSP3	83861
228839_s_at	0.70600282	-0.08222349	LOC439994	hypothetical L -	439994
211529_x_at	0.66737472	-0.04331141	HLA-G	major histoco MHC-G	3135
207122_x_at	0.04210096	0.58217326	SULT1A2	sulfotransfera HAST4 MGC1	6799
205826_at	0.53843219	0.0862659	MYOM2	myomesin (M TTNAP	9172
203480_s_at	-0.05418873	0.67946715	OTUD4	OTU domain c DKFZp434I072	54726
204011_at	0.70118822	-0.07559454	SPRY2	sprouty homo MGC23039 h	10253
211091_s_at	0.8087301	-0.18308948	NF2	neurofibromir ACN BANF SC	4771
228759_at	0.81513033	-0.18947697	CREB3L2	cAMP respons BBF2H7 MGC	64764
221260_s_at	0.70829563	-0.08254077	CSRNP2	cysteine-serin C12orf2 C12c	81566
209747_at	0.51528868	0.11090493	TGFB3	transforming  ARVD FLJ165	7043
233030_at	-0.14532751	0.77238073	PNPLA3	patatin-like pl ADPN C22orf	80339
207808_s_at	0.57803497	0.04924052	PROS1	protein S (alp PROS PS21 P	5627
204981_at	0.27844543	0.3489677	SLC22A18	solute carrier BWR1A BWS	5002
226275_at	1.13217224	-0.50456677	MXD1	MAX dimeriza MAD MAD1	4084
201677_at	0.35207825	0.27566992	C3orf37	chromosome DC12 MGC11	56941
200600_at	0.31772059	0.31013405	MSN	moesin -	4478
211458_s_at	0.53749872	0.09225983	GABARAPL3	GABA(A) rece	23766
227392_at	-0.06249736	0.69239417	NISCH	nischarin FLJ14425 FLJ	11188
222680_s_at	0.05495228	0.57550233	DTL	denticleless h CDT2 DCAF2	51514
201711_x_at	0.33040789	0.3001557	RANBP2	RAN binding p ANE1 NUP35	5903
235698_at	0.25624052	0.3747519	ZFP90	zinc finger prc NK10 ZNF756	146198
210428_s_at	-0.07199329	0.70314383	HGS	hepatocyte gr HRS Vps27 Zl	9146
215313_x_at	0.64832493	-0.01645455	HLA-A	major histoco FLJ26655 HLA	3105
209940_at	0.36519979	0.26693506	PARP3	poly (ADP-ribc ADPRT3 ADPI	10039
227970_at	0.50046512	0.13268261	GPR157	G protein-cou FLJ12132	80045
214850_at	0.05418283	0.57917438	LOC10017093	glucuronidase -	100170939
228904_at	0.05175129	0.58214603	HOXB3	homeobox B3 HOX2 HOX2G	3213
237056_at	0.61782182	0.01609817	INSC	inscuteable hc -	387755
225017_at	0.30780365	0.32613739	CCDC14	coiled-coil dor DKFZp434L10	64770
228305_at	0.54397263	0.09066123	ZNF565	zinc finger prc FLJ36991	147929
1553684_at	0.94189318	-0.30695527	PPIL6	peptidylprolyl MGC27054 M	285755
203526_s_at	0.63538008	0.00011798	APC	adenomatous BTPS2 DP2 D	324
204351_at	0.87368298	-0.23758876	S100P	S100 calcium MIG9	6286
228337_at	0.38551554	0.25142141	PWWP2A	PWWP domai KIAA1935 MC	114825
213778_x_at	0.43628632	0.2006748	ZNF276	zinc finger prc FLJ38685 FLJ	92822
218696_at	0.71205321	-0.07479628	EIF2AK3	eukaryotic tra DKFZp781H19	9451
223687_s_at	0.66621499	-0.02872231	LY6K	lymphocyte ai CT97 FLJ3522	54742
1552644_a_at	0.50466271	0.13381548	PHC3	polyhomeotic DKFZp313K12	80012
204706_at	0.20610833	0.43252288	INPP5E	inositol polypl CORS1 JBTS1	56623
223875_s_at	0.24186162	0.39760748	EPC1	enhancer of p DKFZp781P23	80314

229069_at	0.84833538	-0.2088036	CIP29 SARNP	SAP domain c	CIP29 HCC1 I	84324
234297_at	-0.92717334	1.56671784	LOC731488	NA	NA NA	
218564_at	-0.15600393	0.79586004	RFWD3	ring finger anc	FLJ10520 RN	55159
213293_s_at	0.88764634	-0.24662614	TRIM22	tripartite mot	GPSTAF50 RN	10346
228462_at	0.64328489	0	IRX2	iroquois home	IRXA2	153572
219305_x_at	-0.62940109	1.27363327	FBXO2	F-box protein	FBG1 FBX2 FI	26232
230252_at	0.81631342	-0.17176196	LPAR5	lysophosphati	GPR92 GPR93	57121
35666_at	0.53153246	0.11315635	SEMA3F	sema domain,	SEMA-IV SEM	6405
225124_at	-0.04989903	0.69588199	PPP1R9B	protein phosph	FLJ30345 PPP	84687
203532_x_at	0.25010883	0.39624431	CUL5	cullin 5	VACM-1 VACI	8065
223464_at	0.2888443	0.35752306	OSBPL5	oxysterol bind	FLJ42929 OBI	114879
219278_at	0.39375721	0.25307639	MAP3K6	mitogen-activ	ASK2 MAPKKI	9064
209258_s_at	0.18676474	0.46017644	SMC3	structural mai	BAM BMH CI	9126
212706_at	0.13918414	0.5079775	RASA4	RAS p21 prote	CAPRI FLJ590	10156
222239_s_at	0.21551952	0.43170277	INTS6	integrator cor	DBI-1 DDX26	26512
204437_s_at	0.71800465	-0.07014984	FOLR1	folate recepto	FBP FOLR	2348
219147_s_at	0.51414536	0.13582699	C9orf95	chromosome	FLJ20559 NRI	54981
242274_x_at	1.32927336	-0.67705542	SLC25A42	solute carrier	MGC26694	284439
243602_at	0.65060792	0.00163059	MGC40069	hypothetical p-		348035
1554429_a_at	0.12650018	0.52580786	DMWD	dystrophia my	D19S593E DN	1762
209211_at	0.56944594	0.0830401	KLF5	Kruppel-like f	BTEB2 CKLF I	688
220278_at	0.06188315	0.59096153	KDM4D	lysine (K)-spec	FLJ10251 JM	55693
204697_s_at	0.88267479	-0.22941835	CHGA	chromogranin	CGA	1113
221895_at	0.54751442	0.10582947	MOSPD2	motile sperm	MGC26706	158747
226213_at	0.67325718	-0.01950907	ERBB3	v-erb-b2 eryt	ErbB-3 HER3	2065
236367_at	-0.00625328	0.66103401	SMG7	Smg-7 homolo	C1orf16 EST1	9887
206888_s_at	0.08711888	0.56819238	ARHGDI3	Rho GDP dissc	RHOGDI-3	398
204430_s_at	0.04209288	0.61332768	SLC2A5	solute carrier	GLUT5	6518
200676_s_at	-0.2005109	0.85593987	UBE2L3	ubiquitin-conj	E2-F1 L-UBC	7332
217042_at	-0.19930558	0.85518847	RDH11	retinol dehydr	ARSDR1 CGI8	51109
222562_s_at	0.69334581	-0.03593359	TNKS2	tankyrase,	TRIPARP-5b PAR	80351
1563614_at	-0.02447507	0.68202288	MTBP	Mdm2, transfr	MDM2BP	27085
229881_at	0.65750881	0.00033428	KLF12	Kruppel-like f	AP-2rep AP2F	11278
226752_at	0.49388825	0.1658334	FAM174A	family with se	MGC17345 TI	345757
222033_s_at	-0.32699602	0.98745267	FLT1	fms-related ty	FLT VEGFR1	2321
230924_at	0.80286005	-0.14180477	TTL6	tubulin tyrosir	FLJ35808 TTL	284076
235009_at	-0.00594892	0.66752223	BOD1L	biorientation	FAM44A FLJ3	259282
210237_at	0.19910345	0.46437199	ARTN	artemin	ENOVIN EVN	9048
229448_at	0.03417459	0.62939966	LASS1	LAG1 homolo	CerS1 LAG1 I	10715
1568900_a_at	0.53514187	0.129197	ZNF568	zinc finger prc	DKFZp667005	374900
235840_at	0.58116199	0.08333102	C15orf40	chromosome	FLJ33606 MG	123207
226905_at	0.07708347	0.58813083	FAM101B	family with se	MGC45871	359845
208908_s_at	0.62743809	0.03819921	CAST	calpastatin	BS-17 MGC94	831
206652_at	0.45216834	0.21463974	ZMYM5	zinc finger, M'	HSPC050 MYI	9205
212646_at	0.34650988	0.3212892	RFTN1	raftlin, lipid ra	FLJ23866 KIA.	23180
202087_s_at	1.32958716	-0.66150081	CTSL1	cathepsin L1	CATL CTSL FL	1514
203035_s_at	0.16436853	0.50549491	PIAS3	protein inhibit	FLJ14651 ZM	10401
203786_s_at	-0.17049878	0.84043972	TPD52L1	tumor protein	D53 MGC855	7164

225447_at	0.18281818	0.48784072	GPD2	glycerol-3-phc GDH2 GPDM	2820
202708_s_at	0.76733081	-0.09656017	HIST2H2BE	histone cluste GL105 H2B H	8349
219169_s_at	0.61124525	0.05961489	TFB1M	transcription f CGI-75 CGI75	51106
1558561_at	-0.06041056	0.73154714	HM13	histocompatik H13 IMP1 IM	81502
236957_at	0.65446744	0.0176189	CDCA2	cell division cy FLJ25804 MG	157313
216222_s_at	0.16486075	0.50723665	MYO10	myosin X FLJ10639 FLJ	4651
202932_at	0.27897893	0.39326425	YES1	v-yes-1 Yamaç HsT441 P61-Y	7525
211240_x_at	0.06229845	0.61003083	CTNND1	catenin (cadherin) CAS CTNND T	1500
222060_at	0.35128795	0.32162194	KRT8P12	keratin 8 pseu KRT8L2	90133
227569_at	0.29351766	0.38027259	LNX2	ligand of num FLJ12933 FLJ	222484
213554_s_at	0.48977732	0.18404886	CDV3	CDV3 homolo H41	55573
220584_at	0.26607746	0.40794205	FLJ22184	hypothetical ç-	80164
228468_at	0.23277044	0.44180616	MASTL	microtubule a FLJ14813 RP1	84930
215299_x_at	-0.04281207	0.71766349	SULT1A1	sulfotransfera HAST1/HAST2	6817
208212_s_at	0.16405953	0.51081989	ALK	anaplastic lym CD246 NBLST	238
208733_at	0.1873668	0.48769255	RAB2A	RAB2A, memk RAB2	5862
213111_at	0.49151636	0.18395976	PIKFYVE	phosphoinosit CFD FAB1 KI/	200576
215017_s_at	0.23394714	0.44185034	FNBP1L	formin bindinç C1orf39 TOC/	54874
241716_at	0.21889496	0.45691647	HSPD1	heat shock 60 CPN60 GROEI	3329
201564_s_at	0.29017435	0.38604125	FSCN1	fascin homolo FLJ38511 SNL	6624
1552263_at	0.45966494	0.21689669	MAPK1	mitogen-activ ERK ERK2 ER	5594
229276_at	-0.38734291	1.06420414	IGSF9	immunoglobu FP18798 IGSF	57549
203238_s_at	0.3584705	0.32016826	NOTCH3	Notch homolc CADASIL CASI	4854
223992_x_at	0.67938316	0	ZCWPW1	zinc finger, CV DKFZp434N05	55063
52837_at	-0.23029512	0.91010682	KIAA1644	KIAA1644 MGC125851	85352
213122_at	0.34541189	0.33550959	TSPYL5	TSPY-like 5 KIAA1750	85453
222235_s_at	0.18615635	0.49512269	CSGALNACT2	chondroitin su CHGN2 DKFZj	55454
228245_s_at	0.48942	0.19202529	OVOS2	ovostatin 2 DKFZp686C03	144203
1552269_at	1.68383213	-1.00110381	SPATA17	spermatogenç IQCH MSRG-1	128153
226782_at	0.60229152	0.08075451	SLC25A30	solute carrier KMCP1	253512
242470_at	1.38302924	-0.6997866	EID2B	EP300 interac EID-3 FLJ3894	126272
1554770_x_at	0.54697049	0.13632936	ZNF785	zinc finger prc FLJ32130	146540
229007_at	0.3049042	0.37907913	LOC283788	FSHD region g FLJ16488 FLJ	283788
222001_x_at	0.55302166	0.13107246	LOC728855	hypothetical L FLJ18420	728855
201914_s_at	0.53620464	0.1479765	SEC63	SEC63 homolc ERdj2 PRO25i	11231
213257_at	0.01355051	0.67223078	SARM1	sterile alpha a FLJ36296 KIA	23098
226206_at	0.02030043	0.6660317	MAFK	v-maf musculc FLJ32205 MG	7975
210414_at	0.94870774	-0.26218005	FLRT1	fibronectin lei MGC21624	23769
1558924_s_at	0.00425375	0.68230986	CLIP1	CAP-GLY dom: CLIP CLIP-170	6249
215358_x_at	0.0277121	0.65975855	ZNF37B	zinc finger prc FLJ23327 FLJ	100129482
1562738_a_at	0.68680419	0.0014052	LOC10013085	hypothetical ç-	100130855
206097_at	0.68862765	-0.000416	SLC22A18AS	solute carrier BWR1B BWSi	5003
229533_x_at	0.29913238	0.38930589	ZNF680	zinc finger prc FLJ90430	340252
225626_at	0	0.68861298	PAG1	phosphoprote CBP FLJ3785E	55824
203204_s_at	0.84276014	-0.15405124	KDM4A	lysine (K)-spec JHDM3A JMJI	9682
203321_s_at	0.37398734	0.31536	ADNP2	ADNP homeol KIAA0863 ZNI	22850
222798_at	0.69016672	0	PTER	phosphotriest RPR-1	9317
227429_at	-0.04683821	0.73727851	EFCAB4A	EF-hand calci FLJ46033 MG	283229

232171_x_at	-0.06724127	0.75780824	LOC10012963	hypothetical L	FLJ00104 FLJ:	100129637
203610_s_at	0.69164549	-0.00023232	TRIM38	tripartite mot	MGC8946 RN	10475
242617_at	0.10148092	0.59013748	TMED8	transmembra	FAM15B MGC	283578
209105_at	0.15694045	0.53474897	NCOA1	nuclear recepi	F-SRC-1 KAT1	8648
1553218_a_at	0.18371857	0.50909326	ZNF512	zinc finger prc	FLJ51176 KIA	84450
222162_s_at	0.17212737	0.52148981	ADAMTS1	ADAM metallo	C3-C5 KIAA13	9510
213573_at	0.3437884	0.34983824	KPNB1	karyopherin (i	IMB1 IPO1 IF	3837
205160_at	0.41571084	0.2787824	PEX11A	peroxisomal b	MGC119947	8800
204042_at	0.08321769	0.61209414	WASF3	WAS protein f	Brush-1 KIAA	10810
203185_at	0.06126863	0.63514909	RASSF2	Ras associatio	DKFZp781O17	9770
220255_at	0.49369385	0.20307993	FANCE	Fanconi anem	FACE FAE	2178
216908_x_at	0.27346165	0.42415155	LOC730092	RRN3 RNA pol	FLJ77916 FLJ:	730092
220284_at	0.69841739	0	DKKL1	dickkopf-like 1	CT34 SGY SG	27120
231035_s_at	0.53323602	0.16675776	OTUD1	OTU domain c	DUBA7 OTDC	220213
212632_at	0.50812922	0.19195119	STX7	syntaxin 7	-	8417
209342_s_at	0.45311304	0.24778168	IKKBK	inhibitor of ka	FLJ40509 IKK-	3551
225216_at	0.2205543	0.48068266	CXorf39	chromosome -		139231
232370_at	-0.31618958	1.01769677	LOC254057	hypothetical p-		254057
223227_at	0.49783259	0.20433552	BBS2	Bardet-Biedl s	BBS MGC207/	583
229273_at	0.0222505	0.68054566	SALL1	sal-like 1 (Dro	HSAL1 TBS ZI	6299
227478_at	-0.00151493	0.70453449	SETBP1	SET binding pr	DKFZp666J12:	26040
218047_at	0.21759656	0.48616924	OSBPL9	oxysterol bind	FLJ12492 FLJ:	114883
213464_at	0.0834158	0.62076885	SHC2	SHC (Src hom	cSCK SHCB SLI	25759
223543_at	0.69444352	0.00994196	PDZD4	PDZ domain c	FLJ34125 KIA	57595
212793_at	0.11742793	0.58705278	DAAM2	dishevelled as	KIAA0381 MGC	23500
1560697_at	0.28461104	0.42015695	LOC283392	hypothetical L -		283392
203607_at	0.37331346	0.33182348	INPP5F	inositol polypl	FLJ13081 KIA	22876
209705_at	0.36264583	0.3440321	MTF2	metal respons	M96 PCL2 RF	22823
230058_at	0.2379998	0.47001891	SDCCAG3	serologically c	NY-CO-3	10807
244627_at	0.70802001	0	DAK	dihydroxyacet	DKFZp586B16	26007
225610_at	0.45638859	0.25222802	UHRF2	ubiquitin-like	DKFZp434B09	115426
212602_at	-0.01027306	0.71985589	WDFY3	WD repeat an	ALFY KIAA095	23001
218424_s_at	-0.04360841	0.75345686	STEAP3	STEAP family	STMP3 TSAP6	55240
224476_s_at	0.7055721	0.00440227	MESP1	mesoderm po	MGC10676 b	55897
211559_s_at	1.04274272	-0.33160969	CCNG2	cyclin G2	-	901
209398_at	1.39829235	-0.68697642	HIST1H1C	histone cluste	H1.2 H1F2 M	3006
212297_at	0.35264319	0.35891956	ATP13A3	ATPase type 1	AFURS1 DKFZ	79572
205854_at	0.45218924	0.25948976	TULP3	tubby like pro	MGC45295 T	7289
202317_s_at	0.17606908	0.53645574	UBE4B	ubiquitination	E4 HDNB1 KI	10277
213018_at	0.32663459	0.38647221	GATAD1	GATA zinc fin	FLJ22489 FLJ:	57798
210139_s_at	0.46842529	0.24564429	PMP22	peripheral my	CMT1A CMT1	5376
229817_at	0.91508795	-0.20067074	ZNF608	zinc finger prc	DKFZp781C07	57507
224933_s_at	0.58367511	0.13078995	JMJD1C	jumonji doma	DKFZp761F01	221037
1555897_at	0.31133689	0.40420621	KDM1A	lysine (K)-spec	AOF2 BHC11C	23028
225302_at	0.06690593	0.64876149	TMX3	thioredoxin-re	FLJ20793 KIA	54495
222018_at	0.55769897	0.15812437	NACA	nascent polyp	HSD48 MGC1	4666
232641_at	0.16663624	0.54968763	ZNF596	zinc finger prc	FLJ36123	169270
202455_at	0.61742106	0.09930931	HDAC5	histone deace	FLJ90614 HD:	10014

242418_at	0.81364487	-0.09582746	C2orf27A	chromosome C2orf27 MGC	29798
202164_s_at	0.77849283	-0.06028341	CNOT8	CCR4-NOT tra CAF1 CALIF P	9337
206376_at	0.48391634	0.23540022	SLC6A15	solute carrier DKFZp761I092	55117
238459_x_at	0.71989346	0	SPATA6	spermatogene FLJ10007 SRF	54558
218312_s_at	0.70127726	0.0187885	ZSCAN18	zinc finger anc DKFZp586B11	65982
212778_at	0.37161985	0.3509389	PACS2	phosphofurin FLJ25488 KIA	23241
224847_at	0.75763626	-0.03500799	CDK6	cyclin-depend MGC59692 P	1021
204917_s_at	0.12183728	0.60098747	MLLT3	myeloid/lymp AF9 FLJ2035	4300
209832_s_at	0.51031673	0.21292382	CDT1	chromatin lice DUP RIS2	81620
235322_at	0.12308386	0.6003488	LOC100131114	similar to hCG-	100131141
202734_at	0.31250295	0.41105081	TRIP10	thyroid hormc CIP4 HSTP ST	9322
214437_s_at	0.90806016	-0.18438513	SHMT2	serine hydrox GLYA SHMT	6472
204182_s_at	0.72402528	0	ZBTB43	zinc finger anc ZBTB22B ZNF	23099
223519_at	0.0974359	0.62679931	ZAK	sterile alpha n AZK MLK7 M	51776
231540_at	0.78578453	-0.06138575	hCG_1817306	hypothetical L DKFZp451M2:	100130691
221208_s_at	-0.06389134	0.78868382	C11orf61	chromosome FLJ23342	79684
209907_s_at	0.72496883	0	ITSN2	intersectin 2 KIAA1256 PRI	50618
242111_at	-0.06943392	0.79491214	METTL3	methyltransfe IME4 M6A M	56339
205500_at	0.29600179	0.42955092	C5	complement c CPAMD4 FLJ1	727
202492_at	0.21653177	0.50910749	ATG9A	ATG9 autophc APG9L1 MGD	79065
230002_at	1.17268408	-0.44665703	CLCC1	chloride chanı KIAA0761 MC	23155
218476_at	0.57856411	0.14789742	POMT1	protein-O-maı FLJ37239 LGN	10585
203160_s_at	0.2843645	0.44210079	RNF8	ring finger prc FLJ12013 KIA	9025
218434_s_at	0.55386602	0.17267321	AACS	acetoacetyl-Cı ACSF1 FLJ123	65985
214102_at	0.11381822	0.61345309	ARAP2	ArfGAP with RCENTD1 FLJ1:	116984
230293_at	0.65540694	0.07219585	LOC10012866	NA NA NA	
227557_at	-0.09022716	0.81790694	SCARF2	scavenger rec NSR1 SREC-II	91179
200710_at	0.37059496	0.35730732	ACADVL	acyl-Coenzym ACAD6 LCACI	37
236620_at	-0.05946359	0.78805462	RIF1	RAP1 interactı DKFZp434D10	55183
1553333_at	-0.14481231	0.87360712	C1orf161	chromosome FLJ38716 RP5	126868
222600_s_at	0.5345748	0.1945077	UBA6	ubiquitin-like FLJ10808 FLJ:	55236
212737_at	0.51573538	0.213637	GM2A	GM2 gangliosı SAP-3	2760
223111_x_at	0.06567922	0.66388976	ARID4B	AT rich interaı BCAA BRCAA:	51742
221577_x_at	2.28672752	-1.55629017	GDF15	growth differc GDF-15 MIC:	9518
237510_at	0.91787303	-0.18718968	MYNN	myoneurin OSZF SBBIZ1	55892
204920_at	0.52559683	0.20528983	CPS1	carbamoıyl-ph -	1373
206829_x_at	0.11884972	0.61219165	ZNF430	zinc finger prc DKFZp762K01	80264
204849_at	0.72363507	0.00749806	TCFL5	transcription fıCHA E2BP-1	10732
227272_at	0.67737636	0.05377381	C15orf52	chromosome DKFZp686N14	388115
225884_s_at	0.45146797	0.28119794	GZF1	GDNF-inducıb ZBTB23 ZNF3	64412
217921_at	0.98104005	-0.24820935	MAN1A2	mannosıdase, MAN1B	10905
221538_s_at	-0.01023095	0.74310827	PLXNA1	plexin A1 DKFZp761P19	5361
202191_s_at	0	0.73320164	GAS7	growth arrestı KIAA0394 MC	8522
209117_at	0.4168838	0.31668866	WBP2	WW domain kı MGC18269 M	23558
224860_at	0.34392576	0.38979508	C9orf123	chromosome MGC4730	90871
210058_at	-0.07161537	0.80547154	MAPK13	mitogen-activ MGC99536 P	5603
207734_at	0.72824617	0.00591353	LAX1	lymphocyte trı FLJ20340 LAX	54900
204287_at	0.36338404	0.37143428	SYNGR1	synaptogıyrın : MGC:1939	9145

227566_at	0.32929388	0.40673148	NTM	neurotrimin	HNT IGLON2	50863
204908_s_at	0.21813865	0.51817482	BCL3	B-cell CLL/lym	BCL4 D19S37	602
224952_at	0.17955679	0.55682104	TANC2	tetratricopept	DKFZp564D16	26115
202203_s_at	0.17438124	0.56222691	AMFR	autocrine mot	GP78 RNF45	267
225270_at	0.18442208	0.55228362	NEO1	neogenin	horr DKFZp547A06	4756
242265_at	0.70021421	0.03660938	BRD8	bromodomair	SMAP SMAP2	10902
202550_s_at	0.49428252	0.24436896	VAPB	VAMP (vesicle	ALS8 VAMP-E	9217
212724_at	0.55683661	0.18185087	RND3	Rho family GT	ARHE Rho8 F	390
225505_s_at	0.19051415	0.54836952	FAM113A	family with se	C20orf81 DKF	64773
206377_at	-0.30037575	1.03955892	FOXF2	forkhead box	FKHL6 FREAC	2295
230388_s_at	0.60830035	0.13158318	LOC644246	hypothetical f	-	644246
225565_at	0.37698321	0.36358185	CREB1	cAMP respons	CREB MGC92	1385
237005_at	-0.03004657	0.77085482	LOC442075	hypothetical L	FLJ43570	442075
227228_s_at	0.3042023	0.43713419	CCDC88C	coiled-coil do	DAPLE FLJ003	440193
222407_s_at	0.43483131	0.30704525	ZFP106	zinc finger prc	DKFZp451A23	64397
210028_s_at	0.29982364	0.44212891	ORC3L	origin recogni	LAT LATHEO	23595
226843_s_at	0.26225574	0.47982248	PAPD5	PAP associate	FLJ40270 TRF	64282
231996_at	0.38406874	0.35850329	N4BP2	NEDD4 bindin	B3BP FLJ1068	55728
208782_at	-0.0380533	0.7812544	FSTL1	follistatin-like	FLJ50214 FLJ5	11167
209565_at	0.54993406	0.19445725	RNF113A	ring finger prc	RNF113 ZNF1	7737
219387_at	0	0.74517264	CCDC88A	coiled-coil do	APE DKFZp68	55704
227543_at	0.05071834	0.6945665	RNASEH2C	ribonuclease	HAGS3 AYP1 F	84153
204494_s_at	0.35184342	0.3951927	C15orf39	chromosome	DKFZp434H13	56905
241825_at	0.01691018	0.73015646	C2orf60	chromosome	FLJ37953 MG	129450
226029_at	0.22564127	0.52153758	VANGL2	vang-like 2 (v	KIAA1215 LPF	57216
212763_at	0.36607634	0.38319809	CAMSAP1L1	calmodulin re	KIAA1078 MC	23271
213997_at	0.06276185	0.68737987	FAM189A1	family with se	FLJ61121 KIA	23359
204275_at	0.18002413	0.57034757	SOLH	small optic lo	CAPN15 MGC	6650
235516_at	0.97856119	-0.22680209	SEPSECS	Sep (O-phosph	LP MGC16148	51091
225569_at	0.10517707	0.64682961	EIF2C2	eukaryotic tra	AGO2 MGC31	27161
223681_s_at	0.75912577	-0.00699597	INADL	InaD-like (Dro	Cipp FLJ2698:	10207
239483_at	1.03309894	-0.27943203	FLJ37035	FLJ37035 prot	-	399821
236562_at	0	0.75386653	ZNF439	zinc finger prc	DKFZp571K08	90594
226857_at	0.05761543	0.69629427	ARHGEF19	Rho guanine r	FLJ33962 RP4	128272
227179_at	0.70214214	0.05242516	STAU2	staufen, RNA	I39K2 39K3 D	27067
32836_at	0.25162402	0.50308989	AGPAT1	1-acylglycerol	1-AGPAT1 G1	10554
226833_at	0.22565872	0.52963745	CYB5D1	cytochrome b	FLJ32499	124637
1555870_at	0.09756728	0.65788047	RNF207	ring finger prc	C1orf188 FLJ:	388591
210567_s_at	0.46180313	0.29387426	SKP2	S-phase kinas	FBL1 FBXL1 F	6502
209657_s_at	0.5203322	0.23541049	HSF2	heat shock tra	MGC117376	3298
215606_s_at	-0.20096255	0.9570651	ERC1	ELKS/RAB6-in	Cast2 ELKS FI	23085
204971_at	1.47348999	-0.71728338	CSTA	cystatin A (ste	STF1 STFA	1475
204857_at	0.89347753	-0.13708408	MAD1L1	MAD1 mitotic	HsMAD1 MAI	8379
1567224_at	-0.03228422	0.78868058	HMGA2	high mobility	I BABL HMGI-C	8091
231821_x_at	0	0.75662046	FLJ14186	hypothetical L	-	401149
238803_at	0.69218198	0.06458899	HECTD2	HECT domain	FLJ16050	143279
228225_at	0.62690007	0.13246946	PXMP3	peroxisomal n	PAF-1 PAF1 F	5828
206070_s_at	-0.10107024	0.86112365	EPHA3	EPH receptor	.ETK ETK1 HEI	2042

229090_at	0.60104152	0.15964989	LOC220930	hypothetical L-	220930
235717_at	-0.10305628	0.86465765	ZNF229	zinc finger prc FLJ34222	7772
209516_at	0.41231706	0.34968146	SMYD5	SMYD family r NN8-4AG RAI	10322
226969_at	0.04440424	0.71779639	MTR	5-methyltetra FLJ33168 FLJ4	4548
227307_at	-0.05149492	0.81389869	TSPAN18	tetraspanin 1&TSPAN	90139
210357_s_at	0.48305448	0.27953963	SMOX	spermine oxid C20orf16 FLJ:	54498
208869_s_at	0.58004813	0.18365434	GABARAPL1	GABA(A) rece APG8-LIKE AF	23710
238147_at	0.56404772	0.20009746	TRIM46	tripartite mot FLJ23229 GEN	80128
41660_at	0.10730679	0.65736868	CELSR1	cadherin, EGF CDHF9 DKFZp	9620
212109_at	0.04358392	0.72356442	HN1L	hematological C16orf34 FLJ:	90861
1558027_s_at	1.10770061	-0.34038254	PRKAB2	protein kinase MGC61468	5565
214436_at	0.7481824	0.01922964	FBXL2	F-box and leuc DKFZp564P06	25827
1559083_x_at	-0.25608261	1.02356992	LOC284600	hypothetical p-	284600
211708_s_at	0.7550556	0.01429315	SCD	stearoyl-CoA c FADS5 MSTP(	6319
212964_at	0.36298527	0.40640561	HIC2	hypermethyla HRG22 KIAA1	23119
213234_at	0.50411358	0.26544138	KIAA1467	KIAA1467 DKFZp781O01	57613
200770_s_at	0.65444039	0.11546069	LAMC1	laminin, gamn LAMB2 MGC&	3915
221879_at	0.28878197	0.48135931	CALML4	calmodulin-lik MGC4809 NY	91860
1553696_s_at	0.42840877	0.34181398	ZNF569	zinc finger prc FLJ32053 ZAP	148266
235521_at	0.77080406	0	HOXA3	homeobox A3 HOX1 HOX1E	3200
219005_at	-0.00699805	0.77803932	TMEM59L	transmembrai BSMAP C19oi	25789
217436_x_at	0.89786912	-0.12596881	HLA-J	major histoco CDA12 D6S2C	3137
227948_at	0.01556798	0.75724526	FGD4	FYVE, RhoGEF CMT4H DKFZ	121512
237802_at	0.08827173	0.68460958	XKR4	XK, Kell blood KIAA1889 XRI	114786
1558620_at	-0.01782642	0.79129423	ZNF621	zinc finger prc DKFZp686B11	285268
224165_s_at	0.72923852	0.04473562	IQCH	IQ motif cont: DKFZp434F21	64799
224805_s_at	0.79564761	-0.02146285	C15orf17	chromosome FLJ00005	57184
49452_at	0.375667	0.39853894	ACACB	acetyl-Coenzy ACC2 ACCB F	32
224831_at	0.59462335	0.17964709	CPEB4	cytoplasmic p KIAA1673	80315
213649_at	0.31072396	0.46371144	SFRS7	splicing factor 9G8 AAG3	6432
226249_at	0.58859205	0.1865133	SNX30	sorting nexin 1FLJ26481 FLJ:	401548
201508_at	0.30669992	0.46923118	IGFBP4	insulin-like grc BP-4 HT29-IG	3487
218820_at	0.40905707	0.36746171	C14orf132	chromosome DKFZp761F20	56967
224614_at	0.48330096	0.29349697	DYNC1L12	dynein, cytopl DNCL12 LIC2	1783
211934_x_at	0.47199354	0.30496127	GANAB	glucosidase, a G2AN GLUII I	23193
221772_s_at	0.22275733	0.55508617	PPP2R2D	protein phosph MDS026	55844
228937_at	0.71706118	0.06135889	C13orf31	chromosome DKFZp686D11	144811
204293_at	0	0.77857227	SGSH	N-sulfoglucos: HSS MPS3A S	6448
218137_s_at	0.76874347	0.01013828	SMAP1	small ArfGAP FLJ13159 FLJ4	60682
223655_at	0.79739738	-0.01776978	CD163L1	CD163 molecu CD163B M16i	283316
207170_s_at	0.81808402	-0.03805841	LETMD1	LETM1 domai 1110019O13F	25875
229272_at	-0.65359059	1.43364972	FNBP4	formin bindin: DKFZp686M14	23360
231823_s_at	-0.05853434	0.83945525	SH3PXD2B	SH3 and PX dc FAD49 FLJ20&	285590
213534_s_at	0.03753898	0.74389603	PASK	PAS domain c: DKFZp434O05	23178
232846_s_at	0.76846675	0.01405564	CDH23	cadherin-like :DFNB12 DKFZ	64072
215497_s_at	0.7885813	-0.00528018	WDTC1	WD and tetra: ADP DCAF9 k	23038
1569594_a_at	0.25396634	0.52933654	SDCCAG1	serologically c FLJ10051 NY-	9147
230104_s_at	0.72570335	0.05773743	TPPP	tubulin polym TPPP/p25 TPI	11076

202926_at	0.75148819	0.03230534	NBAS	neuroblastom	DKFZp586G12	51594	
209691_s_at	0.46173913	0.32235113	DOK4	docking prote	FLJ10488	55715	
207426_s_at	0.93096556	-0.14559561	TNFSF4	tumor necrosi	CD134L CD25	7292	
212808_at	-0.00572634	0.79142496	NFATC2IP	nuclear factor	FLJ14639 MG	84901	
233540_s_at	0.86166168	-0.07523196	CDK5RAP2	CDK5 regulatc	C48 Cep215	55755	
229057_at	0.01303996	0.77428125	SCN2A	sodium chann	BFIC3 HBA H	6326	
220988_s_at	0.27012534	0.51770574	C1QTNF3	C1q and tumo	C1ATNF3 COF	114899	
244692_at	1.21976973	-0.43147185	CYP4F22	cytochrome P	FLJ39501 LI3	126410	
218804_at	0	0.78966946	ANO1	anoctamin 1,	DOG1 FLJ102	55107	
212670_at	0.55262163	0.23719445	ELN	elastin	FLJ38671 FLJ	2006	
209845_at	0.52245918	0.26751604	MKRN1	makorin ring	f FLJ21334 RNF	23608	
204994_at	0.42769511	0.36238309	MX2	myxovirus (inf	MXB	4600	
229840_at	0.47026443	0.31986978	IQSEC2	IQ motif and	S BRAG1 KIAA0	23096	
217420_s_at	0.80768599	-0.01728625	POLR2A	polymerase (F	MGC75453 P	5430	
224046_s_at	0.39356594	0.39745197	PDE7A	phosphodiester	HCP1 PDE7	5150	
202240_at	0.17462848	0.6171103	PLK1	polo-like kinase	PLK STPK13	5347	
223349_s_at	-0.5617347	1.35354568	BOK	BCL2-related	epsilon BCL2L9 BOKL	666	
212840_at	0.49473456	0.29745376	UBXN7	UBX domain p	KIAA0794 UB	26043	
237145_at	0.73105811	0.06147554	EIF2AK4	eukaryotic tra	GCN2 KIAA13	440275	
221640_s_at	0.60569496	0.18698692	LRDD	leucine-rich re	DKFZp434D22	55367	
241376_at	-0.60829618	1.40117468	LOC10013009	hypothetical L -		100130097	
223882_at	0.6227705	0.17042297	FAM172A	family with se	C5orf21 DKFZ	83989	
204352_at	-0.10729553	0.90171121	TRAF5	TNF receptor-	MGC:39780 F	7188	
227984_at	-0.52043648	1.31516936	LOC650392	hypothetical p -		650392	
222243_s_at	0.35286691	0.44195512	TOB2	transducer of	TOB4 TOBL T	10766	
216711_s_at	0.44720911	0.34823117	TAF1	TAF1 RNA pol	BA2R CCG1 C	6872	
218640_s_at	0.46474651	0.33106781	PLEKHF2	pleckstrin hon	FLJ13187 PH/	79666	
220661_s_at	0.3570733	0.43896622	ZNF692	zinc finger prc	AREBP FLJ205	55657	
229699_at	0.59547428	0.20078588	LOC10012955	hypothetical L -		100129550	
205788_s_at	0.44164937	0.35550301	ZC3H11A	zinc finger CC	DKFZp686D03	9877	
203865_s_at	0.24647016	0.55139711	ADARB1	adenosine de	ADAR2 DRAB	104	
1554262_s_at	0.9007242	-0.10235702	KLHL29	kelch-like 29	( KBTBD9 KIAA	114818	
202888_s_at	0	0.79870845	ANPEP	alanine aminot	transferase (memb	APN CD13 GI	290
209183_s_at	0.74315602	0.05574439	C10orf10	chromosome	DEPP FIG	11067	
227148_at	0.22819439	0.5709044	PLEKHH2	pleckstrin hon	KIAA2028 PLE	130271	
242957_at	-0.14427789	0.94361609	VWCE	von Willebran	FLJ32009 URC	220001	
225632_s_at	0.88380632	-0.08427651	RAB43	RAB43, memb	t ISY1 MGC904	339122	
211031_s_at	0.56787533	0.2317803	CLIP2	CAP-GLY dom	:CLIP CLIP-115	7461	
209655_s_at	0.36040439	0.43987822	TMEM47	transmembran	BCMP1 DKFZ	83604	
201482_at	0.79659871	0.00380099	QSOX1	quiescin Q6	su FLJ34858 Q6	5768	
202626_s_at	0.1541682	0.64638325	LYN	v-yes-1 Yama	FLJ26625 JTK	4067	
209633_at	0.80067589	0	PPP2R3A	protein phosp	PPP2R3 PR13	5523	
226774_at	0.12491541	0.6759261	FAM120B	family with se	CCPG FLJ556	84498	
228024_at	0.3720572	0.43030497	VPS37A	vacuolar prote	FLJ32642 FLJ	137492	
204927_at	0.3674328	0.43501037	RASSF7	Ras associatio	C11orf13 HR/	8045	
209407_s_at	0.57451565	0.22821528	DEAF1	deformed epi	NUDR SPN ZI	10522	
242565_x_at	0.32323135	0.4798005	C21orf57	chromosome	FLJ46907	54059	
231859_at	0.64701541	0.15650623	C14orf132	chromosome	DKFZp761F20	56967	



202178_at	0.41202196	0.3916082	PRKCZ	protein kinase PKC-ZETA PKC	5590
201602_s_at	0.3508634	0.45285399	PPP1R12A	protein phosphatase 1 gamma MG	4659
201813_s_at	0.48064048	0.32321731	TBC1D5	TBC1 domain KIAA0210	9779
220262_s_at	1.12879274	-0.32454173	DLK2	delta-like 2 homolog MG	65989
219269_at	0	0.80468226	HMBOX1	homeobox co-expressing HNF	79618
235645_at	0.64483056	0.1599534	ESCO1	establishment class 1 HNF	114799
1556638_at	0.28487141	0.52094783	PAX7	paired box 7 HNF	5081
221953_s_at	0.62268564	0.18367247	EDEM2	ER degradation factor 2 C2C	55741
210162_s_at	0.26963104	0.53727759	NFATC1	nuclear factor of activated T-cells	4772
203799_at	0.50809032	0.30012823	CD302	CD302 molecule CLEC	9936
1556060_a_at	-0.02355161	0.8318055	ZNF451	zinc finger protein FLJ	26036
219583_s_at	0.94811855	-0.13965425	SPATA7	spermatogenesis-associated DKFZp686D07	55812
224806_at	0.65929149	0.14966976	TRIM25	tripartite motif 25 RNF147	7706
215236_s_at	0.75041305	0.05855597	PICALM	phosphatidylinositol-binding CLTH L	8301
218951_s_at	0.48392625	0.32538132	PLCXD1	phosphatidylinositol-binding FLJ11323	55344
225762_x_at	0.5139375	0.29549912	LOC284801	hypothetical protein	284801
225615_at	0.54232038	0.26715286	IFFO2	intermediate filament-binding	126917
201737_s_at	0.2586697	0.55119768	6-Mar	membrane-associated KIAA0597 MA	10299
229354_at	0.79557826	0.01477613	AHRR	aryl-hydrocarbon receptor AHHR K	57491
224964_s_at	0.17409617	0.63649127	GNG2	guanine nucleotide-binding	54331
210239_at	0.49513727	0.31560961	IRX5	iroquois homeobox 2a IRXB2	10265
207169_x_at	0.82167621	-0.00856587	DDR1	discoidin domain-containing CD167 C	780
201291_s_at	0.58584688	0.22729515	TOP2A	topoisomerase II alpha TP2A	7153
1555867_at	-0.0370829	0.8502566	GNG4	guanine nucleotide-binding DKFZp547K10	2786
1558702_at	0.26147012	0.55196387	INVS	inversin KIAA0573	27130
218242_s_at	0.33336418	0.48046561	SUV420H1	suppressor of cell growth 85 CGI85	51111
224922_at	0.30891538	0.506021	CSNK2A2	casein kinase II CSNK2	1459
235745_at	1.33888939	-0.52233344	ERN1	endoplasmic reticulum IRE1	2081
226692_at	0.5481268	0.26927667	SERF2	small EDRK-related FAM2	10169
213205_s_at	0.29660997	0.52100383	RAD54L2	RAD54-like 2 (FLJ21396) FLJ	23132
223930_at	0.67598609	0.14179764	TOR1AIP1	torsin A interacting DKFZp586G01	26092
229302_at	0.81811293	0	TMEM178	transmembrane protein MG	130733
202558_s_at	0.99557581	-0.17594129	HSPA13	heat shock protein 70 STCH	6782
228393_s_at	0.11722205	0.70293906	ZNF302	zinc finger protein HSD16 MST1	55900
231835_at	-0.22483001	1.04504347	C1orf93	chromosome 1 DKFZp547M1	127281
1554493_s_at	0.62635981	0.19402606	THADA	thyroid adenoma FLJ21877 FLJ	63892
1560939_at	0.8206329	0	LOC10012984	hypothetical protein FLJ40386	100129845
219825_at	-0.7527855	1.57534413	CYP26B1	cytochrome P450 DKFZp547M1	56603
204458_at	0.16304142	0.66025626	PLA2G15	phospholipase A2 group I DKFZp56	23659
226121_at	0.58161707	0.24290982	DHRS13	dehydrogenase MG	147015
212975_at	0.45143828	0.37388723	DENND3	DENN/MADD KIAA0870	22898
222896_at	0.89340931	-0.06710129	TMEM38A	transmembrane protein MG	79041
239422_at	0.79347356	0.03382849	GPC2	glypican 2 DKFZp547M1	221914
232038_at	1.16737474	-0.33910656	C6orf170	chromosome 6 C6orf171 FLJ	221322
203823_at	1.12191749	-0.29311277	RGS3	regulator of G-protein signaling FLJ2037	5998
222564_at	0.07871267	0.75032555	POGK	pogo transposon BASS2 KIAA1	57645
212629_s_at	0.1649496	0.66442561	PKN2	protein kinase MG	5586
209598_at	0.61145663	0.21810742	PNMA2	paraneoplastic KIAA0883 MA	10687

206072_at	0.2517976	0.57892812	UCN	urocortin	MGC129974	7349
212194_s_at	0.71977535	0.11222453	TM9SF4	transmembrai	KIAA0255 dJ8	9777
212677_s_at	0.38275225	0.44968558	CEP68	centrosomal ç	FLJ25920 FLJ:	23177
234976_x_at	1.25366239	-0.42090698	SLC4A5	solute carrier	MGC129662	57835
225557_at	0.33355872	0.4993158	CSRNP1	cysteine-serin	AXUD1 DKFZ:	64651
227427_at	0.13554954	0.69764577	GEFT	RhoA/RAC/CDp63	RhoGEF	115557
214431_at	0.4758568	0.35748412	GMPS	guanine monç-		8833
244377_at	0.37047435	0.46299697	SLC1A4	solute carrier	ASCT1 SATT	6509
1553274_a_at	0.33712574	0.49721161	SNRNP48	small nuclear	C6orf151 FLJ:	154007
213965_s_at	-0.13555201	0.97036656	CHD5	chromodomai	DKFZp434N23	26038
206316_s_at	0.42232075	0.41303373	KNTC1	kinetochore a	FLJ36151 KIA.	9735
225009_at	0.45504119	0.38084926	CMTM4	CKLF-like	MAFCKLFSF4	146223
231898_x_at	0.83287274	0.00397629	SOX2OT	SOX2 overlapç	DKFZp761J13:	347689
221864_at	0.89066716	-0.05255906	ORAI3	ORAI calcium	MGC13024 TI	93129
203518_at	0.47888382	0.3593062	LYST	lysosomal traf	CHS CHS1	1130
219550_at	1.1094099	-0.27090574	ROBO3	roundabout, a	FLJ21044 HGI	64221
230645_at	0.42855191	0.41015977	FRMD3	FERM domain 4.1O	EPB41L4	257019
1558179_at	0.79510941	0.04386418	ATP5J2	ATP synthase,	ATP5JL	9551
226333_at	0.14823365	0.69158008	IL6R	interleukin 6 r	CD126 IL-6R-:	3570
225972_at	-0.0394095	0.88059999	TMEM64	transmembrai	DKFZp762C11	169200
232964_at	0.72802146	0.11342812	SPDYE1	speedy homol	DKFZp434A10	285955
204059_s_at	0.91922249	-0.0764134	ME1	malic enzyme	HUMNDME N	4199
204014_at	0.62964985	0.21318125	DUSP4	dual specificit'	HVH2 MKP-2	1846
228316_at	0.60058678	0.24261229	C2orf63	chromosome	FLJ31438	130162
212476_at	0.47531133	0.3719909	ACAP2	ArfGAP with c	CENTB2 CNT-	23527
209375_at	0.82740635	0.02199897	XPC	xeroderma piç	RAD4 XP3 XP	7508
218855_at	0.51539906	0.33405383	TPRA1	transmembrai	FLJ32197 GPF	131601
230435_at	0.68516772	0.16444537	LOC375190	hypothetical ç	FLJ30851	375190
209607_x_at	0.1483124	0.70176784	SULT1A3	sulfotransfera	HAST HAST3	6818
228624_at	0.927009	-0.076791	TMEM144	transmembrai	FLJ11155	55314
203553_s_at	0.27572438	0.57586053	MAP4K5	mitogen-activ	GCKR KHS Kf	11183
212175_s_at	0.53058102	0.3212683	AK2	adenylate kinç	ADK2	204
216944_s_at	1.60330969	-0.75103665	ITPR1	inositol 1,4,5-	INSP3R1 IP3R	3708
225546_at	0.26639796	0.58686036	EEF2K	eukaryotic elo	HSU93850 M	29904
220150_s_at	0.73497204	0.11832002	FAM184A	family with se	C6orf60 FLJ1:	79632
228396_at	-0.02062629	0.87486188	PRKG1	protein kinase	CGKI DKFZp6:	5592
239219_at	1.36439082	-0.50993685	AURKB	aurora kinase	AIK2 AIM-1 A	9212
221011_s_at	0.56745005	0.2884151	LBH	limb bud and	DKFZp566J09:	81606
240770_at	-0.09585973	0.95201132	TMEM171	transmembrai	PRP2	134285
1554287_at	-0.01527871	0.87169302	TRIM4	tripartite mot	RNF87	89122
218923_at	1.00626627	-0.14946659	CTBS	chitobiase, di-	CTB	1486
206003_at	0.34086297	0.51609923	CEP135	centrosomal ç	CEP4 KIAA06:	9662
239775_at	1.53409861	-0.67694631	LOC10013151	hypothetical L -		100131512
235051_at	0.64507569	0.21351152	CCDC50	coiled-coil dor	C3orf6 DFNA:	152137
228356_at	0.45252618	0.40638381	ANKRD11	ankyrin repea	ANCO-1 LZ16	29123
209318_x_at	0.00422818	0.8546939	PLAGL1	pleiomorphic	DKFZp781P10	5325
238076_at	0.12327095	0.73583482	GATAD2B	GATA zinc finç	FLJ37346 KIA.	57459
232044_at	0.71754238	0.14161881	RBBP6	retinoblastom	DKFZp686P06	5930

217543_s_at	0.6100617	0.249236	MBTPS1	membrane-bc KIAA0091 MC	8720
1555982_at	0.39050039	0.46893924	ZFYVE16	zinc finger, FY DKFZp686E13	9765
239010_at	0.54344127	0.31639793	FLJ39632	hypothetical L -	642477
223159_s_at	0.8151195	0.04620156	NEK6	NIMA (never i SID6-1512	10783
227454_at	0.22697823	0.63841065	TAOK1	TAO kinase 1 FLJ14314 KIA	57551
203853_s_at	1.05096085	-0.18471535	GAB2	GRB2-associat KIAA0571	9846
203384_s_at	0.36638854	0.49993931	GOLGA1	golgi autoanti; MGC33154 gr	2800
217588_at	0.70345576	0.1645984	CATSPER2	cation channe MGC33346	117155
219355_at	0.53400397	0.33564781	CXorf57	chromosome FLJ10178 FLJ:	55086
1558969_a_at	0.58552748	0.28481722	RPL32P3	ribosomal pro -	132241
227502_at	0.22077223	0.64982346	KIAA1147	KIAA1147 LCHN PRO25(	57189
221206_at	0.44585568	0.42474641	PMS2CL	PMS2 C-termi -	441194
235435_at	0.98110565	-0.11027216	AASDH	aminoadipate ACSF4 LYS2 N	132949
212984_at	0.52323999	0.34823371	ATF2	activating trar CRE-BP1 CREI	1386
208216_at	-0.0699439	0.94165349	DLX4	distal-less hor BP1 DLX7 DL	1748
1557953_at	0.59111578	0.28187543	ZKSCAN1	zinc finger wit 9130423L19R	7586
212169_at	0.56976866	0.30523739	FKBP9	FK506 binding DKFZp586B17	11328
214925_s_at	0.2560591	0.61937852	SPTAN1	spectrin, alph; (ALPHA)II-SPE	6709
206240_s_at	0.33921759	0.53665622	ZNF136	zinc finger prc pHZ-20	7695
226009_at	0.80502618	0.07088423	RP11-529110.4	deleted in a r DKFZp566F08	25911
225539_at	0.52023155	0.35597219	ZNF295	zinc finger prc DKFZp781N19	49854
206081_at	0.53232869	0.34501619	SLC24A1	solute carrier HsT17412 KIA	9187
214933_at	0.34635115	0.53105077	CACNA1A	calcium chanr APCA CACNL1	773
235484_at	0.65657268	0.22214234	PTAR1	protein preny FLJ45604	375743
228549_at	0.76243977	0.11706149	TMEM63A	transmembrai KIAA0489 KIA	9725
214911_s_at	0.2392964	0.6408763	BRD2	bromodomair D6S113E DKF	6046
232164_s_at	-0.21081842	1.09132668	EPPK1	epiplakin 1 EPIPL EPIPL1	83481
235587_at	0.80978131	0.07288007	LOC202781	hypothetical L -	202781
232594_at	0.38619246	0.49649065	HSBP1L1	heat shock fac FLJ10967 MG	440498
222773_s_at	0.85470273	0.02844113	GALNT12	UDP-N-acetyl- FLJ21212 Gal	79695
213378_s_at	0.33068946	0.55299323	DDX12	DEAD/H (Asp- CHLR2	440081
211985_s_at	0.32186841	0.56194627	CALM1	calmodulin 1 (CALML2 CAM	801
206273_at	0.72002393	0.16408086	SLMO1	slowmo homc C18orf43 DKF	10650
229231_at	0.37636316	0.50784812	LRRC37B2	leucine rich re DKFZp667M2	147172
1556715_at	1.21316905	-0.32699054	PRPSAP1	phosphoribos; PAP39	5635
201150_s_at	-0.21087946	1.09767691	TIMP3	TIMP metallo; HSMRK222 K:	7078
204285_s_at	0.90099528	-0.01347008	PMAIP1	phorbol-12-m APR NOXA	5366
213211_s_at	-0.37018881	1.25860978	TAF6L	TAF6-like RNA FLJ11136 MG	10629
222052_at	0.72623121	0.16251328	C19orf54	chromosome FLJ17063 FLJ:	284325
219681_s_at	0.55517434	0.3341315	RAB11FIP1	RAB11 family DKFZp686E22	80223
239762_at	0.71295462	0.17647271	LOC286437	hypothetical f -	286437
226575_at	0.56158668	0.32845803	ZNF462	zinc finger prc DKFZp686B23	58499
218922_s_at	0.88233365	0.00791642	LASS4	LAG1 homolo; CerS4 FLJ120:	79603
221726_at	0.7776483	0.11389181	RPL22	ribosomal pro EAP HBP15 H	6146
225855_at	0.47777731	0.41549419	EPB41L5	erythrocyte m BE37 FLJ1295	57669
225829_at	0.73681414	0.15705899	PDZD8	PDZ domain c FLJ25412 FLJ:	118987
1554029_a_at	0.45539511	0.43857667	TTC37	tetratricopept KIAA0372 MC	9652
1564166_s_at	-0.01501872	0.90916192	PRKRIP1	PRKR interacti C114 FLJ139C	79706

226837_at	0.93283614	-0.03606545	SPRED1	sprouty-relate	FLJ33903 NFL	161742
220235_s_at	0.51562051	0.38143547	C1orf103	chromosome	FLJ11269 RIF:	55791
225458_at	0.58501811	0.31296154	LOC25845	hypothetical L	DKFZp564I117	25845
238452_at	0.89817112	0	FCRLB	Fc receptor-like	FCRL2 FCRLM	127943
229063_s_at	0.90476627	-0.00651593	CCDC107	coiled-coil dor	MGC31967	203260
1554522_at	-0.07726405	0.97599566	CNNM2	cyclin M2	ACDP2	54805
217891_at	0.62304411	0.27582485	C16orf58	chromosome	FLJ13868	64755
212439_at	0.53519582	0.36386204	IP6K1	inositol hexakis	IHPK1 MGC95	9807
213248_at	0.67577188	0.2235267	LOC730101	hypothetical L	DKFZp566E18	730101
220692_at	0.52590331	0.37391978	LOC10013221	similar to calc -		100132214
212008_at	0.8233866	0.07656361	UBXN4	UBX domain p	FLJ23318 KIA	23190
210544_s_at	0.45298415	0.44699708	ALDH3A2	aldehyde dehydro	ALDH10 DKFZ	224
227810_at	0.75892277	0.14190341	ZNF558	zinc finger prc	FLJ30932	148156
235011_at	0.45909799	0.44233098	MAP3K2	mitogen-activ	MEKK2 MEKK	10746
226754_at	0.41612471	0.48612981	ZNF251	zinc finger prc	FLJ34319	90987
212242_at	0.4529829	0.44936344	TUBA4A	tubulin, alpha	FLJ30169 H2-	7277
204035_at	0.11587924	0.78813522	SCG2	secretogranin	CHGC SN SgII	7857
209112_at	0.85910735	0.04497732	CDKN1B	cyclin-depend	CDKN4 KIP1	1027
205355_at	0.90983052	-0.00537283	ACADSB	acyl-Coenzym 2-	MEBCAD A	36
201968_s_at	0.86859313	0.0360615	PGM1	phosphogluco	GSD14	5236
210627_s_at	0.84846015	0.05627147	MOGS	mannosyl-olig	GCS1	7841
201085_s_at	0.41463813	0.49022633	SON	SON DNA bindi	BASS1 C21orf	6651
216438_s_at	1.02694753	-0.12202614	TMSB4X	thymosin beta	FX PTMB4 TE	7114
218466_at	1.06083789	-0.15470894	TBC1D17	TBC1 domain	FLJ12168	79735
229696_at	0.5069771	0.3992127	FECH	ferrochelatase	EPP FCE	2235
204840_s_at	0.02890026	0.87811561	EEA1	early endosom	MST105 MST	8411
207605_x_at	0.54326123	0.36456724	ZNF117	zinc finger prc	H-plk HPF9 N	51351
205366_s_at	0.40247684	0.50583904	HOXB6	homeobox B6	HOX2 HOX2B	3216
210586_x_at	1.2758504	-0.36681915	RHD	Rh blood grou	CD240D DIIIc	6007
209305_s_at	1.18045245	-0.27121679	GADD45B	growth arrest	DKFZp566B13	4616
235590_at	0.92962539	-0.02020689	FAM178A	family with se	C10orf6 MGC	55719
228563_at	0.84834658	0.06133727	GJC1	gap junction p	CX45 DKFZp6	10052
229268_at	0.50791881	0.40246055	FAM105B	family with se	FLJ34884	90268
202161_at	0.36977824	0.54061037	PKN1	protein kinase	DBK MGC462	5585
221214_s_at	0.25211369	0.6590552	NELF	nasal embryon	MGC125369	26012
224776_at	0.38151795	0.53109954	AGPAT6	1-acylglycerol	DKFZp586M17	137964
210415_s_at	0.84807163	0.06562726	ODF2	outer dense fi	FLJ44866 MG	4957
207351_s_at	0.91385289	0	SH2D2A	SH2 domain p	F2771 SCAP	9047
233750_s_at	0.46502556	0.44900939	C1orf25	chromosome	MGC25112 M	81627
219722_s_at	0.57801834	0.33605871	GDPD3	glycerophosph	FLJ22603 MG	79153
205678_at	0.89622514	0.01810277	AP3B2	adaptor-relate	DKFZp686D17	8120
225852_at	0.21386857	0.70087446	ANKRD17	ankyrin repea	FLJ22206 GT/	26057
223984_s_at	1.12690931	-0.21128219	NUPL1	nucleoporin li	KIAA0410 PR	9818
1554469_at	0.62316087	0.29449617	ZBTB44	zinc finger anc	BTBD15 HSPC	29068
230738_at	1.04244812	-0.12454179	LOC730631	hypothetical L -		730631
201005_at	0.67174402	0.24622621	CD9	CD9 molecule	5H9 BA2 BTC	928
208605_s_at	0.88089252	0.03902799	NTRK1	neurotrophic	DKFZp781I141	4914
44702_at	0.42614813	0.49502625	SYDE1	synapse defec	7h3 FLJ13511	85360

210655_s_at	1.01418795	-0.09275421	FOXO3	forkhead box AF6q21 DKFZ	2309
222538_s_at	0.68891873	0.23264311	APPL1	adaptor prote APPL DIP13a	26060
212276_at	0.68782988	0.23390612	LPIN1	lipin 1 DKFZp781P17	23175
212022_s_at	0.72037125	0.2015185	MKI67	antigen identi KIA	4288
1553787_at	0.68910697	0.23282247	C11orf45	chromosome FLJ43646 MG	219833
223588_at	0.35971095	0.56228539	THAP2	THAP domain DKFZp564I04	83591
226607_at	0.7733183	0.14927096	C20orf194	chromosome DKFZp434N06	25943
225918_at	0.73035527	0.19288003	GLG1	golgi apparatus CFR-1 DKFZp6	2734
226581_at	0.59966975	0.32360377	ZFYVE20	zinc finger, FY FLJ34993 MG	64145
231146_at	0.69467117	0.22866444	FAM24B	family with se DKFZp667I03	196792
232208_at	0.97171199	-0.04574298	ISLR2	immunoglobulin KIAA1465	57611
218840_s_at	0.49482662	0.43127537	NADSYN1	NAD synthetase FLJ10631 FLJ	55191
214918_at	0.4579461	0.46831392	HNRNPM	heterogeneous DKFZp547H11	4670
214185_at	0.82262424	0.10440802	KHDRBS1	KH domain core FLJ34027 San	10657
233106_at	0	0.92738469	C14orf82	chromosome FLJ12375	145438
227969_at	0.89278561	0.03543733	LOC400960	hypothetical g-	400960
226893_at	0.40778012	0.52071472	ABL2	v-abl Abelson ABLL ARG FL	27
227567_at	0.26604254	0.66245527	AMZ2	archaealysin fa -	51321
208557_at	0.49661189	0.43199464	HOXA6	homeobox A6 HOX1 HOX1.2	3203
202575_at	-0.01352479	0.94275769	CRABP2	cellular retino CRABP-II RBP	1382
215807_s_at	0.43421178	0.49546001	PLXNB1	plexin B1 KIAA0407 MG	5364
206235_at	1.00029349	-0.0698345	LIG4	ligase IV, DNA -	3981
47553_at	0.47276819	0.45776094	DFNB31	deafness, autosomal CIP98 DKFZp4	25861
224943_at	0.53382532	0.39831666	BTBD7	BTB (POZ) domain DKFZp686N05	55727
204172_at	0.69895007	0.2342808	CPOX	coproporphyrin CPO CPX HCF	1371
1554873_at	0.51432819	0.42229065	CSPP1	centrosome associated CSPP FLJ2249	79848
226307_at	0.56374082	0.37482414	CRTC2	CREB regulated RP11-422P24.	200186
211998_at	0.40383701	0.53507195	H3F3B	H3 histone, family H3.3B H3F3A	3021
205265_s_at	0.31993129	0.61936175	SPEG	SPEG complex APEG1 BPEG	10290
227988_s_at	0.39765773	0.54176192	VPS13A	vacuolar protein CHAC CHORE	23230
225479_at	0.49413486	0.44529934	LRR5C8	leucine rich repeat -	116064
201937_s_at	0.52455999	0.41489289	DNPEP	aspartyl aminopeptidase DNPEP DAP	23549
202983_at	0.47861375	0.46139672	HLTF	helicase-like type HIP116 HIP11	6596
220954_s_at	0.38017718	0.5598907	PILRB	paired immunoglobulin-like FDFACT1 FDF	29990
238880_at	0.30452127	0.63568572	GTF3A	general transcription factor AP2 TFIIIA	2971
226369_at	0.93898773	0.00161667	RHOF	ras homolog G ARHF FLJ202	54509
208527_x_at	1.69724311	-0.75649549	HIST1H2BE	histone cluster H2B.h H2B/h	8344
222175_s_at	0.25875535	0.68277981	MED15	mediator complex ARC105 CAG	51586
202971_s_at	0.1873292	0.75487761	DYRK2	dual-specificity kinase FLJ21217 FLJ	8445
213159_at	0.574026	0.36819516	PCNX	pecanex homolog FLJ23409 FLJ	22990
228577_x_at	0.3419944	0.60073218	ODF2L	outer dense fiber KIAA1229 MG	57489
1553099_at	0.73495173	0.20876729	TIGD1	tigger transposon EEYORE	200765
212208_at	0.42947991	0.5147358	MED13L	mediator complex DKFZp781D01	23389
225482_at	0.94468004	0	KIF1A	kinesin family ATSV C2orf2C	547
210129_s_at	0.19283598	0.75282557	TTL3	tubulin tyrosine kinase DKFZp434B10	26140
235497_at	0.24827718	0.69791803	LOC643837	hypothetical L -	643837
219482_at	0.26123106	0.68539024	SETD4	SET domain core C21orf18 C21	54093
219958_at	0.54691595	0.40012559	C20orf46	chromosome FLJ11190	55321

206245_s_at	0.53692784	0.41068645	IVNS1ABP	influenza virus:DKFZp686K06	10625
228282_at	0.81130496	0.13676751	MFSD8	major facilitat CLN7 MGC33	256471
224898_at	0.74172896	0.20743735	WDR26	WD repeat do CDW2 FLJ210	80232
225303_at	0.30006591	0.65053399	KIRREL	kin of IRRE like FLJ10845 MG	55243
213324_at	0.38528852	0.56538434	SRC	v-src sarcoma ASV SRC1 c-S	6714
242482_at	0.84278222	0.10853638	PRKAR1A	protein kinase CAR CNC CNC	5573
203630_s_at	0.72539898	0.22604803	COG5	component of FLJ41732 FLJ4	10466
212367_at	0.53648069	0.41547671	FEM1B	fem-1 homolo DKFZp451E07	10116
226200_at	0.64156931	0.31074703	VARS2	valyl-tRNA syr MGC138259	57176
214976_at	0.58589586	0.36785502	RPL13	ribosomal pro BBC1 D16S44	6137
230748_at	-0.17299083	1.12774764	SLC16A6	solute carrier MCT6 MCT7	9120
219687_at	0.83349227	0.12160388	HHAT	hedgehog acy FLJ10724 FLJ:	55733
202812_at	0.96049282	-0.00485052	GAA	glucosidase, a LYAG	2548
226934_at	0.61170082	0.34401492	CPSF6	cleavage and  CFIM CFIM68	11052
213208_at	0.53393204	0.42256689	KIAA0240	KIAA0240 DKFZp686P02	23506
227918_s_at	1.11889686	-0.16236602	ZYG11B	zyg-11 homolo FLJ13456 ZYC	79699
205691_at	0.44922805	0.5081652	SYNGR3	synaptogyrin :MGC:20003	9143
225641_at	0.23655842	0.72194942	MEF2D	myocyte enha DKFZp686I15:	4209
209222_s_at	0.57225821	0.38670307	OSBPL2	oxysterol bind FLJ20223 KIA.	9885
1568617_a_at	0.97054011	-0.01123232	KIAA1543	KIAA1543 NEZHA	57662
207163_s_at	0.09671979	0.86276676	AKT1	v-akt murine t AKT MGC996	207
1557303_at	0.41339905	0.54610115	NT5C	5', 3'-nucleoti DNT DNT1 P:	30833
223773_s_at	0.69390174	0.2673298	SNHG12	small nucleola C1orf79 NCRI	85028
213882_at	0.91650216	0.04478891	TM2D1	TM2 domain c BBP	83941
204019_s_at	0.6990946	0.26265331	SH3YL1	SH3 domain c DKFZp586F13	26751
230200_at	0.3280056	0.6341734	NSUN6	NOL1/NOP2/54933414E04R	221078
203634_s_at	0.91029812	0.05300622	CPT1A	carnitine palr CPT1 CPT1-L	1374
213954_at	0.7983701	0.16585256	FAM169A	family with se KIAA0888	26049
1558290_a_at	0.65244853	0.31304434	PVT1	Pvt1 oncogen MGC21751 N	5820
201465_s_at	-0.03901617	1.00460072	JUN	jun oncogene AP-1 AP1 c-J:	3725
235258_at	0.5395971	0.42662223	DCP2	DCP2 decappi FLJ33245 NUI	167227
204194_at	0.7813813	0.18548065	BACH1	BTB and CNC  BACH-1	571
1566720_at	0.96409738	0.00302715	RPS10P7	ribosomal pro MGC45392 R	376693
229516_at	0.83065669	0.13652209	WDR31	WD repeat do FLJ35921	114987
229854_at	0	0.96722113	OBSCN	obscurin, cyto DKFZp666E24	84033
207011_s_at	0.57581738	0.39212388	PTK7	PTK7 protein t CCK4	5754
223058_at	0.60809095	0.36061548	FAM107B	family with se C10orf45 FLJ4	83641
201462_at	0.50777586	0.46169228	SCRN1	secernin 1 KIAA0193 SE:	9805
209356_x_at	0.83127868	0.13912077	EFEMP2	EGF-containin FBLN4 MBP1	30008
230424_at	-1.24110185	2.21209121	C5orf13	chromosome D4S114 P311	9315
236814_at	0.52873572	0.44226843	MDM4	Mdm4 p53 bir DKFZp781B14	4194
226999_at	0.97146063	0	RNPC3	RNA-binding r FLJ20008 FLJ:	55599
207996_s_at	0.0985746	0.87304923	C18orf1	chromosome -	753
218342_s_at	0.9572582	0.0151331	ERMP1	endoplasmic r FXNA KIAA18	79956
213267_at	0.21628568	0.75652374	DOPEY1	dopey family   FLJ35610 KIA.	23033
244758_at	0.50281965	0.47001863	SCAND3	SCAN domain DKFZp434N09	114821
216902_s_at	0.36626953	0.60774852	RRN3	RRN3 RNA pol DKFZp566E10	54700
226899_at	0.56500174	0.40950594	UNC5B	unc-5 homolo UNC5H2 p53I	219699

228956_at	0.12453806	0.85109215	UGT8	UDP glycosylt	CGT UGT4	7368
204832_s_at	0.26789366	0.70782313	BMPR1A	bone morpho	10q23del ACV	657
212443_at	0.19655019	0.77998813	NBEAL2	neurobeachin	KIAA0540	23218
211930_at	0.58344202	0.39389651	HNRNPA3	heterogeneou	2610510D13R	220988
213325_at	1.00350277	-0.02467828	PVRL3	poliovirus rec	CD113 CDw1	25945
212036_s_at	0.40685223	0.57279554	PNN	pinin, desmos	DRS SDK3 me	5411
38671_at	0.02051252	0.95968981	PLXND1	plexin D1	KIAA0620 MC	23129
1556567_at	0.98040047	0	NAP1L4	nucleosome a	MGC4565 NA	4676
223189_x_at	0.65721896	0.32514585	MLL5	myeloid/lymp	FLJ10078 FLJ	55904
200965_s_at	0.39409216	0.58976832	ABLIM1	actin binding	LABLIM DKFZp	3983
213517_at	0.19786212	0.7862233	PCBP2	poly(rC) bindi	HNRPE2 MGC	5094
210587_at	1.1955397	-0.21081448	INHBE	inhibin, beta	EMGC4638	83729
218177_at	1.05821094	-0.07236309	CHMP1B	chromatin mo	C10orf2 C18-	57132
229876_at	0.29568759	0.69036019	PHKA1	phosphorylas	MGC132604	5255
204569_at	0.83329893	0.15387426	ICK	intestinal cell	ECO KIAA093	22858
223533_at	0.59862755	0.38874127	LRRC8C	leucine rich re	AD158 DKFZp	84230
235974_at	0.98962516	-0.00195515	EXOC4	exocyst comp	MGC27170 R	60412
205503_at	1.16865984	-0.18098171	PTPN14	protein tyrosii	MGC126803	5784
233313_at	0.24834258	0.74006876	HDAC7	histone deace	DKFZp586J09:	51564
212851_at	0.78394195	0.20447695	DCUN1D4	DCN1, defecti	FLJ42355 KIA	23142
1569139_s_at	0.94975049	0.04016959	FAM53A	family with se	DNTNP	152877
243179_at	0.81124098	0.18003998	LOC10013036	hypothetical L-		100130360
226181_at	1.00393994	-0.01263747	TUBE1	tubulin, epsilo	FLJ22589 FLJ	51175
233500_x_at	0.73098183	0.26061968	CLEC2D	C-type lectin c	CLAX LLT1 OI	29121
202928_s_at	0.72169508	0.27028801	PHF1	PHD finger pr	MTF2L2 PCL1	5252
208325_s_at	0.5386557	0.45655199	AKAP13	A kinase (PRK	AKAP-Lbc ARI	11214
203725_at	1.09937701	-0.1024517	GADD45A	growth arrest	DDIT1 GADD	1647
226798_at	0.64785303	0.34936793	BCL2L13	BCL2-like 13	(;BCL-RAMBO I	23786
204136_at	0.7702238	0.22701666	COL7A1	collagen, type	EBD1 EBDCT	1294
201646_at	1.00425957	-0.00575535	SCARB2	scavenger rec	AMRF CD36L:	950
227040_at	0.28338324	0.71570021	NHLRC3	NHL repeat cc	DKFZp313M1:	387921
218823_s_at	0.79771898	0.20178482	KCTD9	potassium cha	FLJ20038	54793
213956_at	0.78030484	0.21942449	CEP350	centrosomal	CPAP350 FLJ3E	9857
242191_at	0.56202167	0.43888965	NBPF11	neuroblastom	DKFZp451B14	728912
219412_at	1.00091661	0	RAB38	RAB38, memk	NY-MEL-1 rrC	23682
212594_at	0.59731604	0.40380891	PDCD4	programmed	H731 MGC33	27250
212926_at	0.52604377	0.47526222	SMC5	structural mai	KIAA0594 SM	23137
204142_at	-0.02116161	1.02246968	ENOSF1	enolase super	HSRTSBETA R	55556
218733_at	0.68254673	0.31942047	MSL2	male-specific	FLJ10546 FLJ:	55167
204334_at	-0.05258812	1.05478885	KLF7	Kruppel-like	f;UKLF	8609
212469_at	0.61203865	0.3903218	NIPBL	Nipped-B hor	CDLS CDLS1 I	25836
202366_at	0.8059824	0.19760928	ACADS	acyl-Coenzym	ACAD3 SCAD	35
60471_at	0.27912604	0.72450322	RIN3	Ras and Rab	ir DKFZp762H16	79890
220144_s_at	0.41666938	0.58752838	ANKRD5	ankyrin repea	FLJ21669 dJ8:	63926
202898_at	0.45460783	0.54961965	SDC3	syndecan 3	SDCN SYND3	9672
212730_at	0.43366959	0.57076557	SYNM	synemin, inte	DMN KIAA03:	23336
203088_at	0	1.00462222	FBLN5	fibulin 5	ARMD3 DAN	10516
212779_at	0.61426334	0.39108585	KIAA1109	KIAA1109	DKFZp781P04	84162

227041_at	0.0561228	0.95002359	SESTD1	SEC14 and spe	DKFZp434005	91404
208884_s_at	0.49334726	0.51285316	UBR5	ubiquitin prot	DD5 EDD EDI	51366
218724_s_at	0.76335482	0.24326825	TGIF2	TGFB-induced	-	60436
1557756_a_at	0.11947511	0.88752764	C14orf145	chromosome	C14orf61	145508
225218_at	0.60333668	0.40410477	ZFYVE27	zinc finger, FY	PROTRUDIN F	118813
211584_s_at	0.11856284	0.88923367	NPAT	nuclear protei	E14	4863
209454_s_at	0.77508105	0.23396794	TEAD3	TEA domain f	DTEF-1 ETFR-	7005
207624_s_at	0.37555162	0.63372862	RPGR	retinitis pigm	ε COD1 CORDX	6103
203410_at	0.7326333	0.27714964	AP3M2	adaptor-relat	ε AP47B CLA20	10947
1555865_at	0.9931017	0.01687913	LOC255512	hypothetical L	-	255512
218319_at	0.73219502	0.27843909	PELI1	pellino homol	DKFZp686C18	57162
232007_at	0.4787676	0.53200874	AGPAT5	1-acylglycerol	1AGPAT5 LPA	55326
232051_at	0.49840858	0.51271555	CCDC102A	coiled-coil dor	MGC10992 M	92922
201596_x_at	-0.06660706	1.07785911	KRT18	keratin 18	CYK18 K18	3875
202123_s_at	0.51895047	0.49262356	ABL1	c-abl oncogen	ABL JTK7 bcr	25
214023_x_at	0.84531906	0.16675339	TUBB2B	tubulin, beta	2 DKFZp566F22	347733
231876_at	0.72071937	0.29226227	TRIM56	tripartite mot	DKFZp667O11	81844
214957_at	1.13164008	-0.1185509	ACTL8	actin-like 8	CT57	81569
212715_s_at	0.35055233	0.66261018	MICAL3	microtubule a	KIAA0819 MC	57553
204703_at	0.78327194	0.23023672	IFT88	intraflagellar	t D13S1056E D	8100
231976_at	0.63624358	0.37788401	LINS1	lines homolog	FLJ10583 WIP	55180
229667_s_at	1.04076813	-0.02581155	HOXB8	homeobox B8	HOX2 HOX2D	3218
1557363_a_at	1.01834373	-0.00305921	PHIP	pleckstrin hon	DCAF14 FLJ2C	55023
203315_at	0.52206629	0.49382889	NCK2	NCK adaptor	ε GRB4 NCKbet	8440
219718_at	1.41084681	-0.39279458	FGGY	FGGY carbohy	FLJ10986	55277
223781_x_at	0	1.0185613	ADH4	alcohol dehyd	ADH-2	127
219277_s_at	0.01627184	1.00312715	OGDHL	oxoglutarate	ε-	55753
1555762_s_at	0.59904828	0.42162502	MKL1	megakaryobla	BSAC MAL M	57591
225477_s_at	0.4725537	0.54855501	NR2C2	nuclear recep	TAK1 TR2R1	7182
221652_s_at	0.51882877	0.50347657	C12orf11	chromosome	FLJ10630 FLJ	55726
226621_at	0.65885184	0.36359188	FGG	fibrinogen gar	-	2266
239034_at	1.01484718	0.00877054	CXorf24	chromosome	-	203414
1569335_a_at	1.02363481	0	STRA6	stimulated by	FLJ12541 MC	64220
202501_at	0.15995627	0.86389044	MAPRE2	microtubule-a	EB1 EB2 RP1	10982
226199_at	0.65763317	0.36647025	UPRT	uracil phosph	ε DKFZp781E12	139596
204428_s_at	-0.65561284	1.6798173	LCAT	lecithin-chole	-	3931
225487_at	0.52746951	0.49701031	TMEM18	transmembra	DKFZp434C17	129787
244427_at	0.55582742	0.46928662	KIF23	kinesin family	CHO1 KNSL5	9493
205434_s_at	0.74368682	0.28382074	AAK1	AP2 associate	DKFZp686F03	22848
212818_s_at	0.54172855	0.48623238	ASB1	ankyrin repea	ASB-1 KIAA11	51665
205427_at	0.71571084	0.31244001	ZNF354A	zinc finger prc	EZNF HKL1 K	6940
215281_x_at	0.13659069	0.89179355	POGZ	pogo transpos	KIAA0461 MC	23126
233559_s_at	0.68358728	0.3452306	WDFY1	WD repeat an	FENS-1 WDF1	57590
201624_at	0.52369119	0.50744997	DARS	aspartyl-tRNA	DKFZp781B11	1615
217550_at	1.00906073	0.02293074	ATF6	activating trar	ATF6A	22926
212468_at	0.38515818	0.64742109	SPAG9	sperm associa	CT89 FLJ1345	9043
1554558_at	1.15587325	-0.12227486	DCAF5	DDB1 and CUI	BCRG2 BCRP2	8816
222846_at	1.12600101	-0.09151879	RAB8B	RAB8B, memt	FLJ38125	51762



216326_s_at	0.8568821	0.17763523	HDAC3	histone deace HD3 RPD3 RF	8841
210762_s_at	0.5938965	0.44099236	DLC1	deleted in live ARHGAP7 FLJ	10395
221667_s_at	0.1294434	0.90547101	HSPB8	heat shock 22 CMT2L DHMI	26353
229913_at	1.18635285	-0.14928323	C7orf61	chromosome -	402573
212388_at	0.58037388	0.45757511	USP24	ubiquitin spec FLJ31309 KIA	23358
207606_s_at	0.59848521	0.44035116	ARHGAP12	Rho GTPase ar DKFZp779N2C	94134
203229_s_at	0.46781599	0.57132254	CLK2	CDC-like kinas MGC61500 h	1196
211986_at	0.63212323	0.40771366	AHNAK	AHNAK nuclec AHNAKRS MC	79026
200696_s_at	1.00484558	0.03514467	GSN	gelsolin (amyl DKFZp313L07	2934
229407_at	0.78788224	0.25241361	SDK1	sidekick homc FLJ31425	221935
204540_at	0.86008425	0.18106423	EEF1A2	eukaryotic tra EEF1AL EF-1-;	1917
223469_at	1.04124461	0.00030296	PGPEP1	pyroglutamyl- FLJ20208 MG	54858
219381_at	0.98012686	0.06182895	C5orf42	chromosome DKFZp686K02	65250
207076_s_at	0.55885411	0.48376928	ASS1	argininosuccir ASS CTLN1	445
205601_s_at	0.54057368	0.50205742	HOXB5	homeobox B5 HHO.C10 HO	3215
204577_s_at	0.34455826	0.69810188	CLUAP1	clusterin asso FLJ13297 KIA	23059
215047_at	0	1.04331826	TRIM58	tripartite mot BIA2 DKFZp4:	25893
223172_s_at	0.59320348	0.45020123	MTP18	mitochondrial HSPC242	51537
206502_s_at	0.92163274	0.12210484	INSM1	insulinoma-as IA-1 IA1	3642
223513_at	0.33234867	0.71143091	CENPJ	centromere p BM032 CPAP	55835
205882_x_at	0.59304474	0.45200097	ADD3	adducin 3 (gar ADDL	120
211065_x_at	0.66932323	0.37578665	PFKL	phosphofruct DKFZp686G16	5211
225701_at	1.08245459	-0.03708132	AKNA	AT-hook trans FLJ31001 FLJ:	80709
212504_at	1.03272012	0.01285195	DIP2C	DIP2 disco-int FLJ34444 FLJ:	22982
226956_at	0.62718358	0.41873942	MTMR3	myotubularin FLJ32333 FYV	8897
230669_at	0.1727172	0.87493515	RASA2	RAS p21 prote GAP1M	5922
229883_at	0.01518421	1.03312973	GRIN2D	glutamate rec EB11 NMDAR	2906
226972_s_at	0.68001153	0.36983868	CCDC136	coiled-coil dor DKFZp434G15	64753
201963_at	0.40056623	0.64946145	ACSL1	acyl-CoA syntl ACS1 FACL1 I	2180
215882_at	0.51685858	0.53345971	CEP152	centrosomal ç KIAA0912	22995
213546_at	0.78042598	0.26997353	DKFZP5861142	hypothetical ç -	222161
202129_s_at	1.10958603	-0.05914144	RIOK3	RIO kinase 3 ( DKFZp779L13	8780
235833_at	1.02979424	0.02099695	PPAT	phosphoribos ATASE GPAT	5471
224835_at	0.2185888	0.83277397	RP5-1022P6.2	hypothetical ç FLJ11085 KIA	56261
242492_at	0.22345625	0.82913156	CLNS1A	chloride chanı CLCI CLNS1B	1207
225382_at	0.32120877	0.73154533	ZNF275	zinc finger prc -	10838
205031_at	1.04441076	0.00855237	EFNB3	ephrin-B3 EFL6 EPLG8 L	1949
208296_x_at	1.03768455	0.01601032	TNFAIP8	tumor necrosi GG2-1 MDC-;	25816
207199_at	0.47342097	0.58038955	TERT	telomerase re EST2 TCS1 TF	7015
224852_at	0.46214094	0.59169952	TTC17	tetratricopept DKFZp686D2C	55761
234001_s_at	0.67182276	0.3827253	ARFGAP1	ADP-ribosylati ARF1GAP HRI	55738
1552630_a_at	0.05212381	1.0031601	SRCAP	Snf2-related C DOMO1 EAF1	10847
224489_at	0.11814738	0.93813642	KIAA1267	KIAA1267 DKFZp686P06	284058
211433_x_at	0.29418744	0.76222659	KIAA1539	KIAA1539 FLJ11560 P1.:	80256
226051_at	1.36309003	-0.30613081	SELM	selenoprotein MGC40146 SI	140606
226258_at	1.40684825	-0.3494904	AMN1	antagonist of -	196394
241384_x_at	1.05247638	0.00642402	GK5	glycerol kinas FLJ33582 FLJ:	256356
222863_at	0.8265027	0.23340925	ZBTB10	zinc finger anc FLJ12752 RIN	65986

218071_s_at	0.39078282	0.66919755	MKRN2	makorin ring f HSPC070 RNF	23609
217168_s_at	1.47102269	-0.4108013	HERPUD1	homocysteine HERP KIAA00	9709
227295_at	0.97944413	0.08085274	IKBIP	IKBKB interact FLJ31051 IKIP	121457
222641_s_at	0.46899497	0.59261217	C17orf63	chromosome FLJ10700	55731
235828_at	-0.58116362	1.64550847	PRELID2	PRELI domain FLJ38376 MG	153768
232201_at	0.72363086	0.34213372	NKD2	naked cuticle Naked2	85409
214843_s_at	0.85294027	0.21298653	USP33	ubiquitin spec KIAA1097 MG	23032
236290_at	0.94289121	0.12373699	DOK6	docking prote DOK5L HsT32	220164
209354_at	1.05734638	0.01100321	TNFRSF14	tumor necrosi ATAR HVEA t	8764
1554640_at	0	1.06842493	PALM2	paralemmin 2 AKAP2	114299
229792_at	-0.1012407	1.16980699	KLHL17	kelch-like 17 ( RP11-5407.6	339451
214280_x_at	0.64126397	0.42873878	HNRNPA1	heterogeneou HNRPA1 MG	3178
226135_at	0.56086273	0.50952119	UHRF1BP1	UHRF1 bindin; C6orf107 FLJ;	54887
238994_at	0.53521887	0.53618526	OTUD7B	OTU domain c CEZANNE ZA2	56957
228234_at	0.87954774	0.19204171	TICAM2	toll-like recep MGC129876	353376
201879_at	0.73479297	0.33690648	ARIH1	ariadne homo ARI DKFZp68t	25820
240126_x_at	1.42826181	-0.35559845	BPTF	bromodomair FAC1 FALZ N	2186
205345_at	0.30993543	0.76345342	BARD1	BRCA1 associã-	580
231367_s_at	1.36207823	-0.28824148	LOC647131	NA NA NA	
218916_at	0.42246437	0.6518663	ZNF768	zinc finger prc FLJ23436	79724
222760_at	0.42211884	0.65494917	ZNF703	zinc finger prc FLJ14299 ZNF	80139
202721_s_at	1.19944201	-0.12190539	GFPT1	glutamine-fru GFA GFAT GF	2673
210718_s_at	0.22133868	0.8562028	ARL17P1	ADP-ribosylati ARF1P2 ARL1	51326
218581_at	0.77614818	0.30283461	ABHD4	abhydrolase d ABH4 FLJ128:	63874
238865_at	0.24870575	0.83076331	PABPC4L	poly(A) bindin DKFZp686J06:	132430
40569_at	0.27269895	0.80688788	MZF1	myeloid zinc f MZF-1 MZF1E	7593
205744_at	0.19104423	0.88895067	DOC2A	double C2-like-	8448
242109_at	0.18238604	0.89772699	SYTL3	synaptotagmi MGC105130	94120
1557036_at	0.23741046	0.84280325	ZBTB1	zinc finger anc KIAA0997	22890
223517_at	0.38288229	0.69748013	FBXO44	F-box protein DKFZp781J08!	93611
209678_s_at	0.50429225	0.57607674	PRKCI	protein kinase DXS1179E M	5584
227438_at	1.26148902	-0.18039323	ALPK1	alpha-kinase 18430410J10Ri	80216
238472_at	0.22725752	0.85420918	FBXO9	F-box protein DKFZp434C01	26268
226340_x_at	0.43406513	0.64878498	WASH2P	WAS protein f DKFZp434K13	375260
224893_at	0.45819203	0.62509029	ATL3	atlastin GTPas DKFZp564J08!	25923
232568_at	-0.05155202	1.13777055	MGC24103	hypothetical l-	158295
202860_at	0.52548375	0.56133887	DENND4B	DENN/MADD DKFZp762N17	9909
212501_at	1.14537328	-0.05841333	CEBPB	CCAAT/enhan C/EBP-beta C	1051
232735_at	0.10596403	0.98133365	ANKRD34A	ankyrin repea ANKRD34 DK	284615
219371_s_at	-0.36223339	1.45043529	KLF2	Kruppel-like f; KLF	10365
209578_s_at	0.92649731	0.16183977	POFUT2	protein O-fucc C21orf80 FU1	23275
222058_at	0.34343991	0.74492086	RNF130	ring finger prc G1RZFP GOLI.	55819
228230_at	1.0935673	-0.00436001	PRIC285	peroxisomal p FLJ00244 KIA.	85441
233558_s_at	0.86171309	0.22848423	C4orf41	chromosome FLJ12716	60684
238154_at	1.68726957	-0.59702562	CEP70	centrosomal p BITE FLJ1303!	80321
224466_s_at	0.56953986	0.52089944	MAFG	v-maf musculk MGC13090 M	4097
222881_at	0.56104687	0.53015449	HPSE	heparanase HPA HPR1 HI	10855
236874_at	1.28235299	-0.19030907	LOC10012807	similar to hCG-	100128071

203604_at	0.75537638	0.33756031	ZNF516	zinc finger prc HsT287	9658
209081_s_at	0.81809042	0.27488825	COL18A1	collagen, type FLJ27325 FLJ:	80781
204384_at	0.55223919	0.54472992	GOLGA2	golgi autoanti; GM130 MGC:	2801
229927_at	0.02041273	1.07665077	LEMD1	LEM domain c CT50 LEMP-1	93273
237363_at	-0.05366827	1.15199298	C9orf68	chromosome FLJ10058 bA6	55064
208443_x_at	1.05957424	0.04054877	SHOX2	short stature  OG12 OG12X	6474
206777_s_at	0.46507383	0.63574386	CRYBB2	crystallin, bet; CCA2 CRYB2	1415
91826_at	0.70454095	0.39734798	EPS8L1	EPS8-like 1 DRC3 EPS8R1	54869
213836_s_at	1.01175831	0.09052531	WIPI1	WD repeat do ATG18 FLJ100	55062
203810_at	0.64518184	0.45719828	DNAJB4	DnaJ (Hsp40) DNAJW DjB4	11080
235414_at	0.57771534	0.5253186	ZNF383	zinc finger prc FLJ35863 HSE	163087
224610_at	0.60649868	0.49669411	SNHG1	small nucleola NCRNA00057	23642
232633_at	0.1438451	0.96136431	XRCC5	X-ray repair cc FLJ39089 KAF	7520
229410_at	0.84882686	0.25658821	SLC35E1	solute carrier DKFZp564G04	79939
235547_at	1.07505257	0.03058733	N4BP2L2	NEDD4 bindin 92M18.3 CGC	10443
213216_at	0.66197611	0.44383417	OTUD3	OTU domain c DUBA4 KIAAC	23252
219228_at	0.93768055	0.17015727	ZNF331	zinc finger prc DKFZp686L07	55422
208693_s_at	0.76962775	0.33894741	GARS	glycyl-tRNA sy CMT2D DSM/	2617
1557155_a_at	0.51390106	0.59499491	FLJ30375	hypothetical f -	440982
227372_s_at	1.10959449	0	BAIAP2L1	BAI1-associat FLJ42275 IRTI	55971
202331_at	1.15261585	-0.04302022	BCKDHA	branched chai BCKDE1A FLJ/	593
209230_s_at	1.10976749	0	NUPR1	nuclear protei COM1 P8	26471
1553759_at	0.42016765	0.69050787	MCM9	minichromosc C6orf61 FLJ1:	254394
215549_x_at	1.10238219	0.00883103	CTAGE4	CTAGE family, cTAGE-4	100128553
1569157_s_at	1.28906728	-0.17726568	ZNF846	zinc finger prc -	162993
226002_at	0.0941471	1.01797863	GAB1	GRB2-associat -	2549
226265_at	0.43697035	0.67579879	QSER1	glutamine anc FLJ21924	79832
229360_at	0.26460739	0.848529	ZNF280B	zinc finger prc 5'OY11.1 D87	140883
1558331_at	0.77840104	0.33479453	SIRT2	sirtuin (silent  SIR2 SIR2L SI	22933
212488_at	0.34563244	0.76822027	COL5A1	collagen, type -	1289
213067_at	0.70189976	0.41399475	MYH10	myosin, heavy, MGC134913	4628
224968_at	0.86584618	0.25264514	CCDC104	coiled-coil dor MGC15407	112942
231285_at	1.56000788	-0.44030715	STT3B	STT3, subunit FLJ90106 SIM	201595
206743_s_at	0.93556459	0.18493374	ASGR1	asialoglycoprc ASGPR CLEC4	432
1552326_a_at	0.99655237	0.12470057	CCDC11	coiled-coil dor FLJ32743	220136
1557828_a_at	0	1.12392205	C5orf28	chromosome FLJ21657 MG	64417
226644_at	1.20990058	-0.0850141	MIB2	mindbomb ho FLJ20648 FLJ:	142678
202650_s_at	0.38459992	0.74094645	KIAA0195	KIAA0195 DKFZp781M10	9772
243009_at	0.33849333	0.7874036	LOC441242	hypothetical L -	441242
230821_at	0.61573267	0.51128162	ZNF148	zinc finger prc BERF-1 BFCOI	7707
231836_at	0.62474894	0.5043775	HKR1	GLI-Kruppel fa -	284459
236288_at	0.39870735	0.73169977	RNF34	ring finger prc CARP1 FLJ217	80196
224568_x_at	0.53627889	0.59471677	MALAT1	metastasis ass; HCN MALAT-:	378938
229084_at	1.08819253	0.04329218	CNTN4	contactin 4 AXCAM BIG-2	152330
225185_at	0	1.13190382	MRAS	muscle RAS or FLJ42964 M-F	22808
202175_at	0.24594777	0.88684247	CHPF	chondroitin pr CHSY2 CSS2 I	79586
204055_s_at	-0.14238256	1.27748035	CTAGE5	CTAGE family, MEA6 MGEA	4253
221413_at	1.04772668	0.08738935	KCNAB3	potassium vol AKR6A9 KCN/	9196

221992_at	0.11897855	1.01826807	PDXDC2	pyridoxal-dep FLJ23482	283970
207498_s_at	0.03217973	1.10735008	CYP2D6	cytochrome P CPD6 CYP2D	1565
239651_at	0.13684841	1.00328087	ANAPC5	anaphase pro APC5	51433
209589_s_at	0.84480988	0.29561041	EPHB2	EPH receptor CAPB DRT EP	2048
219815_at	0.4998802	0.64147737	GAL3ST4	galactose-3-O FLJ12116 GAL	79690
212193_s_at	0.25850095	0.8836862	LARP1	La ribonucleo KIAA0731 LAI	23367
224588_at	0	1.14249427	XIST	X (inactive)-sp DKFZp779P01	7503
227911_at	0.18945576	0.95376147	ARHGAP28	Rho GTPase a DKFZp686A20	79822
201957_at	0.97351323	0.17077403	PPP1R12B	protein phosp MGC131980	4660
213927_at	0.71131054	0.43304675	MAP3K9	mitogen-activ MEKK9 MLK1	4293
221221_s_at	1.13484576	0.01063332	KLHL3	kelch-like 3 (D FLJ40871 KIA	26249
213451_x_at	1.35771021	-0.21163715	TNXA	tenascin XA p D6S103E HXB	7146
230493_at	0.71173213	0.43583241	SHISA2	shisa homolo C13orf13 PRC	387914
225628_s_at	0.25529034	0.89237354	MLLT6	myeloid/lymp AF17 FLJ2348	4302
202955_s_at	0.86688451	0.2808178	ARFGEF1	ADP-ribosylat ARFGEP1 BIG	10565
222394_at	0.27236162	0.8754041	PDCD6IP	programmed  AIP1 Alix DRI	10015
216250_s_at	0.80446802	0.34512334	LPXN	leupaxin LDPL	9404
204980_at	-0.007511	1.15921335	CLOCK	clock homolo KAT13D KIAA	9575
210409_at	1.08554693	0.06870743	C6orf124	chromosome HGC6.4 dJ43	653483
203068_at	0.64072316	0.5147225	KLHL21	kelch-like 21 ( KIAA0469 MC	9903
233254_x_at	0.24195155	0.91371906	PTEN	phosphatase  10q23del BZS	5728
227844_at	0.11873803	1.03786435	FMNL3	formin-like 3 DKFZp762B24	91010
204311_at	0.33839376	0.8187198	ATP1B2	ATPase, Na+/ AMOG	482
213931_at	0.65307544	0.50437901	ID2	inhibitor of D GIG8 ID2A ID	3398
49679_s_at	0.95079149	0.20683183	EDEM2	ER degradatio C20orf31 C2C	55741
233264_at	0.35729204	0.80079756	LOC729350	hypothetical L -	729350
212135_s_at	0.56418027	0.59459585	ATP2B4	ATPase, Ca++ ATP2B2 DKFZ	493
235388_at	0.93151767	0.22755095	CHD9	chromodomai AD013 CreM	80205
223454_at	0.48736078	0.67328292	CXCL16	chemokine (C CXCLG16 SR-I	58191
1557062_at	1.13390181	0.02699041	LOC10012919	hypothetical   -	100129195
225744_at	0.25406337	0.90816961	ZDHHC8	zinc finger, D ZDHHCL1 ZNF	29801
211343_s_at	1.14025717	0.0222149	COL13A1	collagen, type COLXIII A1 FLJ	1305
201392_s_at	0.54840665	0.6142663	IGF2R	insulin-like grc CD222 CIMPF	3482
207984_s_at	1.13218943	0.03122028	MPP2	membrane pr DKFZp686A06	4355
243256_at	0.2002098	0.96325182	MKNK1	MAP kinase in MNK1	8569
1556051_a_at	-0.10706307	1.27103103	BICD1	bicaudal D ho BICD	636
238034_at	1.06232982	0.10173807	CANX	calnexin CNX FLJ2657C	821
221697_at	1.32481711	-0.16065833	MAP1LC3C	microtubule-a LC3C	440738
228999_at	0.7373837	0.42696315	CHD2	chromodomai DKFZp547I13	1106
226074_at	0.84588927	0.31911497	PPM1M	protein phosp FLJ32332 PP2	132160
1565823_at	0.89279027	0.27227126	7-Sep	septin 7 CDC10 CDC3	989
223110_at	0.63273806	0.53295922	KIAA1429	KIAA1429 DKFZp434I11	25962
238081_at	0.86062757	0.30515266	C4orf12	chromosome FBI4 MGC12C	404201
217949_s_at	0.87717193	0.28913773	VKORC1	vitamin K epo. EDTP308 FLJC	79001
225129_at	0.38718059	0.78091815	CPNE2	copine II COPN2 CPN2	221184
232140_at	0.57438442	0.59482448	LOC10013235	similar to hCG -	100132352
203640_at	0.69779296	0.47150169	MBNL2	muscleblind-li DKFZp781H12	10150
219034_at	0.60744914	0.56256369	PARP16	poly (ADP-ribc C15orf30 FLJ	54956

203828_s_at	1.17025824	0	IL32	interleukin 32 IL-32alpha IL-	9235
223075_s_at	0.37335717	0.79829987	AIF1L	allograft inflar C9orf58 FLJ1:	83543
201057_s_at	0.80661855	0.36542774	GOLGB1	golgin B1, golg GCP GCP372	2804
209006_s_at	0.34621803	0.82741813	C1orf63	chromosome DJ465N24.2.1	57035
219455_at	1.33046812	-0.15593363	C7orf63	chromosome FLJ21062	79846
239635_at	0.58945044	0.58563337	RBM14	RNA binding nCOAA DKFZp:	10432
232034_at	0.58229454	0.59341635	LOC203274	hypothetical p-	203274
220141_at	1.1677499	0.00796341	C11orf63	chromosome FLJ23554	79864
202140_s_at	1.2593057	-0.08325003	CLK3	CDC-like kinas FLJ22858 PHC	1198
1569290_s_at	0	1.17653741	GRIA3	glutamate rec GLUR-C GLUR	2892
212666_at	0.73323141	0.44486724	SMURF1	SMAD specific KIAA1625	57154
237028_at	1.17873074	0	LOC729124	NA NA NA	
223825_at	0.0313088	1.1482502	KIAA1432	KIAA1432 CIP150 FLJ12:	57589
221892_at	1.02759393	0.15281362	H6PD	hexose-6-pho: DKFZp686A01	9563
241453_at	1.48814277	-0.30612453	PTK2	PTK2 protein tFADK FAK FA	5747
213408_s_at	0.68317936	0.50234051	PI4KAP1	phosphatidylii FLJ39405	728233
229466_at	0.83225561	0.35336971	TRIM66	tripartite mot C11orf29 FLJ:	9866
202260_s_at	0.60394361	0.58213018	STXBP1	syntaxin bindi EIEE4 FLJ374:	6812
235250_at	1.4768864	-0.29072925	FLCN	folliculin BHD DKFZp54	201163
1553750_a_at	0.79029624	0.3962432	FAM76B	family with se MGC33371	143684
208953_at	0.46512951	0.72254237	LARP4B	La ribonucleo: DKFZp686M2:	23185
214802_at	0.00127011	1.18804001	EXOC7	exocyst comp 2-5-3p DKFZp	23265
1554260_a_at	0.72368604	0.4664281	FRYL	FRY-like DKFZp686E20	285527
1558703_at	0.40130887	0.78892851	SLC46A1	solute carrier FLJ39875 HCF	113235
244467_at	0.19629843	0.99441508	SHISA8	shisa homolo: C22orf17 Orf:	440829
225203_at	0.70614252	0.48614325	PPP1R16A	protein phosp MGC14333 M	84988
235763_at	0.12043028	1.07193506	SLC44A5	solute carrier CTL5 FLJ3408	204962
213908_at	0.75979963	0.43313381	WHDC1L1	NA NA NA	
226573_at	0.91038478	0.28318526	DIRAS1	DIRAS family, Di-Ras1 FLJ42	148252
239999_at	0.82991908	0.36407938	C21orf34	chromosome C21orf35 FLJ:	388815
208902_s_at	0.85605842	0.33810867	RPS28	ribosomal pro-	6234
204442_x_at	0.83033108	0.36390744	LTBP4	latent transfo: FLJ46318 FLJ:	8425
218337_at	0.78390125	0.41201503	FAM160B2	family with se FLJ11125 FLJ:	64760
219874_at	1.52702503	-0.32897352	SLC12A8	solute carrier CCC9 DKFZp6	84561
219708_at	0.94168766	0.2565374	NT5M	5',3'-nucleotic dNT-2 dNT2	56953
223846_at	0.24254824	0.95603829	AZI2	5-azacytidine AZ2 NAP1 TII	64343
212300_at	0.58224399	0.61680647	TXLNA	taxilin alpha DKFZp451J01:	200081
221971_x_at	0.44780127	0.75137093	CTGLF4 AGAF	ArfGAP with C CTGLF4 bA10	653268
213510_x_at	0.78753441	0.41193335	LOC220594	TL132 protein FLJ98241	220594
37408_at	0.87693134	0.32257254	MRC2	mannose rece CD280 CLEC1	9902
1553603_s_at	1.09179955	0.11000462	ATL2	atlastin GTPas ARL3IP2 ARL:	64225
204521_at	0.97608893	0.22795913	C12orf24	chromosome HSU79274	29902
224495_at	0.99691616	0.208915	TMEM107	transmembra: GRVS638 MG	84314
222667_s_at	0.59730782	0.60900633	ASH1L	ash1 (absent, ASH1 ASH1L1	55870
214683_s_at	0.66040513	0.54677772	CLK1	CDC-like kinas CLK CLK STY	1195
211018_at	1.18158369	0.02572269	LSS	lanosterol syn FLJ25486 FLJ:	4047
238437_at	0.93972548	0.26800122	ZNF805	zinc finger prc DKFZp686P08	390980
213056_at	0.03540545	1.17250539	FRMD4B	FERM domain 6030440G05R	23150

203803_at	0.65429297	0.55546113	PCYOX1	prenylcysteine KIAA0908 PCI	51449
219683_at	0.70914624	0.50079357	FZD3	frizzled homolog Fz-3 hFz3	7976
226791_at	0.51767332	0.69240861	KIFC2	kinesin family -	90990
228001_at	1.10580649	0.10933798	TMEM50B	transmembrane C21orf4 DKFZ	757
238228_at	1.13021734	0.08553016	COG3	component of SEC34	83548
214044_at	1.26402893	-0.04625848	RYR2	ryanodine receptor ARVC2 ARVD	6262
226852_at	0.51991397	0.69877076	MTA3	metastasis associated KIAA1266	57504
227060_at	0.75865438	0.4608167	RELT	RELT tumor necrosis factor FLJ14993 TNF	84957
235290_at	0.64050883	0.57909362	ZNF782	zinc finger protein FLJ16636	158431
235728_at	-0.32510336	1.54554571	ZFP3	zinc finger protein FLJ30726 ZNF	124961
242307_at	0.05206404	1.16884233	ZNF789	zinc finger protein -	285989
224882_at	1.13031897	0.09214791	ACSS1	acyl-CoA synthase ACAS2L AceC	84532
213502_x_at	0.61226088	0.61287564	LOC91316	glucuronidase FLJ52668	91316
219359_at	-0.05069672	1.27606213	ATHL1	ATH1, acid trefoil factor FLJ22635 MG	80162
227898_s_at	0.49270126	0.73270141	ZFP41	zinc finger protein DKFZp761016	286128
202696_at	0.74014007	0.48564057	OXSRI	oxidative-stress KIAA1101 OS	9943
243423_at	1.02745501	0.19863395	TNIP1	TNFAIP3 interactor ABIN-1 KIAA0	10318
1568605_at	0.53252687	0.69445027	JRK	jerky homolog DKFZp686C24	8629
243463_s_at	0.83478413	0.39228362	RIT1	Ras-like with no MGC125864	6016
227634_at	1.06930184	0.15809891	STK32C	serine/threonine kinase MGC23665 P	282974
204974_at	1.10807344	0.12199298	RAB3A	RAB3A, membrane -	5864
218803_at	0.24971834	0.98179387	CHFR	checkpoint with FLJ10796 FLJ	55743
217749_at	0.6856133	0.54657911	COPG	coatamer protein COPG1 FLJ21	22820
205448_s_at	0.91495455	0.31778402	MAP3K12	mitogen-activated protein kinase DLK MEKK12	7786
214595_at	1.01974944	0.21363598	KCNG1	potassium voltage-gated K13 KCNG K	3755
223251_s_at	0.6484108	0.585155	ANKRD10	ankyrin repeat domain DKFZp686B07	55608
214415_at	0.11768214	1.11617372	PLGLB1	plasminogen inhibitor PLGL PLGP1	5343
1558163_at	1.52106099	-0.28659606	PEX13	peroxisomal biogenesis NALD ZWS	5194
221824_s_at	0.63877538	0.59703614	8-Mar	membrane-associated MARCH-VIII N	220972
228220_at	0.92132153	0.31511066	FCHO2	FCH domain -	115548
1556643_at	1.23749844	0	LOC10012871	NA NA NA	
202920_at	1.22119333	0.01960844	ANK2	ankyrin 2, neuronal DKFZp686M0	287
202472_at	0.92412312	0.31721553	MPI	mannose 6-phosphate FLJ39201 PM	4351
205871_at	-0.05245757	1.29405631	PLGLB2	plasminogen inhibitor PLGP1	5342
1558404_at	0.47928173	0.76247347	LOC644242	hypothetical protein -	644242
205367_at	0.4760536	0.76574251	SH2B2	SH2B adaptor protein APS	10603
219256_s_at	1.25029728	-0.00780641	SH3TC1	SH3 domain associated FLJ20356 FLJ	54436
219707_at	0.41265489	0.83058999	CPNE7	copine VII MGC34192	27132
213429_at	0.46404456	0.78101841	BICC1	bicaudal C homolog DKFZp686I21	80114
1558251_a_at	0.91576622	0.33040638	ZNF587	zinc finger protein FLJ14710 FLJ	84914
235580_at	-0.05724558	1.30353929	ZNF141	zinc finger protein D4S90 pHZ-4	7700
218849_s_at	-0.03634046	1.28371114	PPP1R13L	protein phosphatase 1 NKIP1	10848
65472_at	0.56978688	0.67762706	C2orf68	chromosome 2 FLJ14112 FLJ	388969
230653_at	-0.04998265	1.29754573	LOC10013221	NA NA NA	
213644_at	1.07400684	0.17480536	CCDC46	coiled-coil domain FLJ39610 MG	201134
31637_s_at	1.39926769	-0.14879405	NR1D1	nuclear receptor EAR1 THRA1	9572
222420_s_at	0.75603864	0.49516253	UBE2H	ubiquitin-conjugating E2-20K UBC8	7328
226395_at	0.59063328	0.66076959	HOOK3	hook homolog FLJ31058 HK	84376

219313_at	0.95774043	0.2947274	GRAMD1C	GRAM domain DKFZp434C03	54762
242712_x_at	-0.55572671	1.80862283	RGPD1	RANBP2-like a FLJ58076 RGF	400966
213411_at	0.2539136	1.00000348	ADAM22	ADAM metallo MDC2 MGC1.	53616
207231_at	0.9334945	0.32213738	DZIP3	DAZ interactir FLJ13327 FLJ!	9666
225111_s_at	1.01838382	0.23833837	NAPB	N-ethylmalein MGC26066 M	63908
240166_x_at	0.28568253	0.97224729	RG9MTD3	RNA (guanine- FLJ31455 RP1	158234
226424_at	1.36366279	-0.10531791	CAPS	calcyphosine CAPS1 MGC1	828
212099_at	-0.15251601	1.41136649	RHOB	ras homolog g ARH6 ARHB I	388
203705_s_at	0.70197741	0.55844902	FZD7	frizzled homol FzE3	8324
236305_at	1.24077176	0.01985168	RFESD	Rieske (Fe-S) c-	317671
232216_at	1.23468786	0.02626893	YME1L1	YME1-like 1 (SFTSH MEG4 I	10730
202847_at	1.20044305	0.06120023	PCK2	phosphoenolp PEPCK PEPCK	5106
228259_s_at	0.31806386	0.94393445	EPB41L4A	erythrocyte m EPB41L4 FLJ3	64097
214790_at	0.73961407	0.52300227	SEN6	SUMO1/sentr FLJ11355 FLJ:	26054
228208_x_at	0.5815062	0.68113511	ZNF354C	zinc finger prc KID3	30832
201856_s_at	0.73162989	0.53130169	ZFR	zinc finger RN. FLJ41312 ZFR	51663
219001_s_at	0.63840985	0.6265346	DCAF10	DDB1 and CUI FLJ23201 MG	79269
213024_at	1.14370924	0.12233744	TMF1	TATA element ARA160 TMF	7110
205586_x_at	1.61017432	-0.34288656	VGf	VGf nerve grc-	7425
207920_x_at	0.33226406	0.936139	ZFX	zinc finger prc-	7543
1557411_s_at	0.00191399	1.2665371	SLC25A43	solute carrier -	203427
202375_at	1.23757575	0.03143879	SEC24D	SEC24 family, FLJ43974 KIA.	9871
217667_at	0.40279098	0.86791174	LOC729799	SEC14-like 1 p-	729799
205777_at	1.27095755	0	DUSP9	dual specificit MKP-4 MKP4	1852
230529_at	1.32430795	-0.05298621	HECA	headcase horr HDC HDCL HI	51696
212360_at	0.91934722	0.35209015	AMPD2	adenosine mo-	271
227894_at	0.32635208	0.94540778	WDR90	WD repeat do C16orf15 C16	197335
229685_at	1.05002935	0.22292754	LOC10013493	hypothetical L-	100134937
243282_at	1.25374917	0.02079482	CCDC93	coiled-coil dor FLJ10996 FLJ:	54520
206483_at	0.85689621	0.41900484	LRRC6	leucine rich re LRTP TSLRP	23639
213471_at	0.50474444	0.77248341	NPHP4	nephronopht KIAA0673 SLS	261734
223279_s_at	0.86725398	0.41098243	UACA	uveal autoant FLJ10128 KIA.	55075
226431_at	0.62591745	0.65250987	FAM117B	family with se ALS2CR13 DK	150864
240983_s_at	1.40224999	-0.12362672	CARS	cysteinyl-tRN/ CARS1 CYSRS	833
219396_s_at	0	1.27906152	NEIL1	nei endonucle FLJ22402 FPG	79661
223701_s_at	0.8229622	0.45615095	USP47	ubiquitin spec DKFZp686C13	55031
217984_at	0.8364434	0.44286497	RNASET2	ribonuclease 1 RNASE6PL bA	8635
223843_at	0.75997025	0.51957206	SCARA3	scavenger rec APC7 CSR CS	51435
229146_at	0.28855591	0.99372154	C7orf31	chromosome -	136895
200878_at	0.67545299	0.60768626	EPAS1	endothelial P/ ECT4 HIF2A	2034
222892_s_at	1.40284376	-0.1178456	TMEM40	transmembrai FLJ11036	55287
217951_s_at	0.61035188	0.67498175	PHF3	PHD finger prc KIAA0244 MC	23469
214873_at	0.86433862	0.42141645	LRP5L	low density lip DKFZp434O02	91355
229274_at	0.7245195	0.56199985	GNAS	GNAS comple: AHO C20orf4.	2778
229170_s_at	0.77661132	0.51010793	TTC18	tetratricopept FLJ12173 FLJ:	118491
243209_at	0.99078995	0.29621823	KCNQ4	potassium vol DFNA2 DFNA.	9132
214811_at	1.2046148	0.08245029	RIMBP2	RIMS binding KIAA0318 MC	23504
204276_at	0.62031241	0.66816228	TK2	thymidine kin:-	7084

241396_at	1.69076493	-0.40216645	NEDD4L	neural precursor	FLJ33870 KIAA	23327
201792_at	0.43123243	0.85787	AEBP1	AE binding protein	ACLP FLJ3361	165
225698_at	1.26967791	0.02010547	C5orf26	chromosome	MGC126893	114915
235500_at	0.07305439	1.21815902	HNRNPC	heterogeneous	C1 C2 HNRNP	3183
239343_at	1.16556689	0.12653902	LOC728705	hypothetical protein		728705
223378_at	1.03756654	0.25455944	GLIS2	GLIS family zinc	FLJ38247 NPI	84662
236254_at	0.05035297	1.24194991	VPS13B	vacuolar protein	CHS1 COH1 T	157680
238117_at	1.4393658	-0.14575118	PPOX	protoporphyrin	MGC8485 PP	5498
233536_at	0	1.2939633	ASXL3	additional sex	KIAA1713	80816
221605_s_at	1.14025648	0.15424232	PIPOX	pipecolic acid	LPIPOX	51268
1558199_at	0.93406928	0.36343105	FN1	fibronectin 1	CIG DKFZp681	2335
221213_s_at	0.55707171	0.74510592	ZNF280D	zinc finger protein	prc MGC21637 M	54816
243624_at	0.63133475	0.67215647	PIAS2	protein inhibitor	MGC102682	9063
235289_at	1.3217047	-0.01701607	EIF5A2	eukaryotic translation	EIF-5A2 eIF5A	56648
228795_at	1.66863851	-0.36365207	PRKCB	protein kinase	MGC41878 P	5579
242255_at	1.64399803	-0.33858453	LOC10013083	hypothetical protein	L-	100130837
209964_s_at	-0.00226197	1.30813933	ATXN7	ataxin 7	ADCAII OPCA	6314
234923_at	0.52056085	0.78643836	RALGAPA1	Ral GTPase activator	DKFZp566D13	253959
202979_s_at	0.8381598	0.46995554	CREBZF	CREB/ATF binding	zinc finger FLJ94018 SMI	58487
239432_at	0	1.30846679	FLJ31306	hypothetical protein	L-	379025
212337_at	0.56940698	0.74009159	TUG1	taurine upregulation	FLJ20618 MG	55000
1555793_a_at	1.3248448	-0.0143679	ZFP82	zinc finger protein	prc KIAA1948 MC	284406
231973_s_at	1.08588991	0.22504763	ANAPC1	anaphase promoting	complex APC1 MCPR	64682
209285_s_at	0.61337169	0.69813507	C3orf63	chromosome	DKFZp686C24	23272
209383_at	1.28052176	0.03105272	DDIT3	DNA-damage-inducible	CEBPZ CHOP	1649
209339_at	1.12354295	0.18866228	SIAH2	seven in absentia	hSiah2	6478
221876_at	0.56018323	0.752942	ZNF783	zinc finger protein	fan DKFZp667J21	155060
203911_at	0.42474449	0.88982515	RAP1GAP	RAP1 GTPase activator	KIAA0474 RA	5909
239265_at	0.75382346	0.56190189	TMEM20	transmembrane	C10orf60 FLJ	159371
218651_s_at	1.3473027	-0.03143981	LARP6	La ribonucleoprotein	ACHN FLJ111	55323
207492_at	0.15102135	1.16570406	NGLY1	N-glycanase 1	FLJ11005 FLJ	55768
202295_s_at	0.14659196	1.1706785	CTSH	cathepsin H	ACC-4 ACC-5	1512
219038_at	1.14047839	0.17774004	MORC4	MORC family	FLJ11565 ZCV	79710
1553252_a_at	0.26483145	1.05346819	BRWD3	bromodomain	BRODL FLJ38	254065
215470_at	0.17375241	1.1456328	GTF2H2	general transcription	factor BTF2 BTF2P4	2966
219757_s_at	0.90771228	0.41201116	C14orf101	chromosome	FLJ20392	54916
232753_at	0.7555339	0.56481828	ZNF346	zinc finger protein	prc DKFZp547M2	23567
216264_s_at	1.1422783	0.17828087	LAMB2	laminin, beta	LAMS	3913
206746_at	1.21978714	0.10151967	BFSP1	beaded filament	CP115 CP94	631
202437_s_at	1.23876769	0.08257777	CYP1B1	cytochrome P	CP1B GLC3A	1545
208359_s_at	1.22382278	0.09755834	KCNJ4	potassium ion	channel HIR HIRK2 Hf	3761
230054_at	1.04011915	0.28142774	PRRT1	proline-rich trans	C6orf31 IFITM	80863
208120_x_at	0.78089647	0.54098209	FKSG49	FKSG49	FKSG52 FKSG	400949
243985_at	0.74097406	0.58323838	GTF2A2	general transcription	factor HsT18745 TF	2958
206655_s_at	0.25657621	1.06812638	GP1BB	glycoprotein I	CD42c	2812
208078_s_at	1.14408927	0.18131661	ZEB1	zinc finger E-box	AREB6 BZP D	6935
1569886_a_at	-0.00398912	1.33135862	GLB1L3	galactosidase	FLJ90231	112937
1555933_at	1.10715688	0.22048861	KIAA2013	KIAA2013	MGC33867	90231



200842_s_at	0.76957534	0.55866873	EPRS	glutamyl-proly	DKFZp313B04	2058
212823_s_at	1.05876172	0.2695252	PLEKHG3	pleckstrin hon	KIAA0599 MG	26030
207493_x_at	1.35242901	-0.02397825	SSX2	synovial sarco	CT5.2a HD21	6757
1555137_a_at	0.18483054	1.14465156	FGD6	FYVE, RhoGEF	ZFYVE24	55785
219625_s_at	0.60663	0.72361473	COL4A3BP	collagen, type	CERT CERTL I	10087
244074_at	1.22939072	0.10131845	LOC10012910	similar to hyd	-	100129104
209975_at	0.06833228	1.26314165	CYP2E1	cytochrome P	CPE1 CYP2E I	1571
219496_at	1.09983597	0.2361031	ANKRD57	ankyrin repea	C2orf26	65124
231251_at	1.02997342	0.30659492	WIPF2	WAS/WASL in	WICH WIRE	147179
205047_s_at	1.37466039	-0.03639229	ASNS	asparagine sy	TS11	440
214291_at	0.98421498	0.35487165	RPL17	ribosomal pro	FLJ92089 MG	6139
209859_at	0.62403912	0.71673222	TRIM9	tripartite mot	KIAA0282 RN	114088
203940_s_at	0.69766052	0.64392433	VASH1	vasohibin 1	KIAA1036	22846
214663_at	0.66106471	0.68063486	DSTYK	dual serine/th	DustyPK HDC	25778
234472_at	1.34388787	-0.00184036	GALNT13	UDP-N-acetyl-	FLJ16031 FLJ	114805
204793_at	0.03665284	1.30591131	GPRASP1	G protein-cou	GASP GASP1	9737
1556126_s_at	-0.19428671	1.53745156	GPATCH2	G patch doma	CT110 FLJ102	55105
203623_at	0.90108435	0.44260209	PLXNA3	plexin A3	6.3 HSSEXGEI	55558
232012_at	0.70061426	0.64405443	CAPN1	calpain 1, (mu	CANP CANP1	823
222819_at	0.70334065	0.64312047	CTPS2	CTP synthase	DKFZp686C17	56474
223327_x_at	0.99356524	0.3561381	FLJ22795	LOC hypothetical	L FLJ17811 FLJ	80154
219862_s_at	0.64473001	0.70536942	NARF	nuclear prelar	DKFZp434G04	26502
231088_at	1.05914427	0.29352041	LOC340544	hypothetical	γ-	340544
214162_at	1.01E-09	1.35275453	LOC284244	hypothetical	γ-	284244
232070_at	0.19704484	1.15572377	ZNF131	zinc finger prc	pHZ-10	7690
225846_at	1.6501549	-0.297183	ESRP1	epithelial spli	FLJ20171 RBM	54845
214693_x_at	0.91680322	0.43638341	NBPF10	neuroblastom	AB6 AG1 DKI	100132406
225444_at	0.50475773	0.8515705	UBN2	ubinnuclein 2	FLJ25778	254048
205383_s_at	1.39485495	-0.03848755	ZBTB20	zinc finger anc	DKFZp566F12	26137
210701_at	0.38462489	0.97572391	CFDP1	craniofacial d	BCNT BUCEN	10428
228125_at	0.79312889	0.56749258	ZNF397OS	zinc finger prc	FLJ16245 FLJ	100101467
242549_at	0.65801684	0.70487334	PRKD3	protein kinase	EPK2 PKC-NU	23683
223326_s_at	0.94889972	0.4143137	LOC388152	hypothetical	L FLJ90297 MG	388152
230896_at	0	1.3637103	BEND4	BEN domain c	CCDC4 FLJ35	389206
214691_x_at	1.43131074	-0.06740284	FAM63B	family with se	KIAA1164	54629
204411_at	0.61615623	0.74803642	KIF21B	kinesin family	FLJ16314	23046
243617_at	0.25016382	1.11407529	ZNF827	zinc finger prc	-	152485
203608_at	0.57824722	0.78624742	ALDH5A1	aldehyde deh	SSADH SSDH	7915
227823_at	0.5949048	0.77023806	RGAG4	retrotranspos	6430402L03R	340526
224673_at	0.64226755	0.72350883	LENG8	leukocyte rec	KIAA1932 MG	114823
214760_at	0.45176424	0.91438054	ZNF337	zinc finger prc	-	26152
202545_at	0.57092167	0.79551557	PRKCD	protein kinase	MAY1 MGC4	5580
202657_s_at	0.86090327	0.50590407	SERTAD2	SERTA domair	MGC126688	9792
225867_at	0.86020587	0.50674945	VASN	vasorin	SLITL2	114990
237304_at	1.3727335	-0.00322975	SYCE2	synaptonemal	CESC1	256126
204776_at	1.47712295	-0.10744629	THBS4	thrombospon	TSP4	7060
226084_at	0.79153576	0.57863146	MAP1B	microtubule-a	DKFZp686E10	4131
230844_at	0.85579915	0.51455463	LOC440934	hypothetical	L -	440934

1438_at	1.03066378	0.3414721	EPHB3	EPH receptor ETK2 HEK2 T	2049
204453_at	0.77810493	0.59450992	ZNF84	zinc finger prc HPF2	7637
214434_at	0.02644588	1.3463155	HSPA12A	heat shock 70 FLJ13874 KIA	259217
213804_at	1.12338756	0.24984313	INPP5B	inositol polypl 5PTase MGCC	3633
202207_at	0.90067421	0.4727534	ARL4C	ADP-ribosylati ARL7 LAK	10123
221794_at	0.68326038	0.69234901	DOCK6	dedicator of c ZIR1	57572
220145_at	0.82383092	0.55284207	MAP9	microtubule-a ASAP FLJ2115	79884
205651_x_at	-0.04696761	1.42399818	RAPGEF4	Rap guanine n CAMP-GEFII C	11069
227485_at	0.60930574	0.76826565	DDX26B	DEAD/H (Asp- DKFZp686G04	203522
212463_at	0.96047619	0.41772341	CD59	CD59 molecul 16.3A5 1F5 E	966
212427_at	0.31691113	1.0620034	KIAA0368	KIAA0368 ECM29 FLJ22	23392
226215_s_at	0.70821263	0.67148632	KDM2B	lysine (K)-spec CXXC2 FBXL1	84678
225840_at	1.26525268	0.1150705	TEF	thyrotrophic e KIAA1655	7008
241436_at	1.40517036	-0.02367744	SCNN1G	sodium chann BESC3 ENaCg	6340
213459_at	0.7028433	0.67891213	RPL37A	ribosomal pro MGC74786	6168
213693_s_at	0.03475191	1.34832706	MUC1	mucin 1, cell s CD227 EMA	4582
244841_at	1.59701687	-0.21322025	SEC24A	SEC24 family, -	10802
1569864_at	1.50625708	-0.1223991	SERAC1	serine active s FLJ14917 FLJ:	84947
204375_at	0.95708493	0.4274492	CLSTN3	calsyntenin 3 CSTN3 KIAA0	9746
227563_at	1.0618873	0.32477539	FAM27E3	family with se MGC149559	100131997
1552301_a_at	0.60283831	0.78410756	CORO6	coronin 6 FLJ14871	84940
204039_at	0.64374937	0.74326509	CEBPA	CCAAT/enhan C/EBP-alpha C	1050
225159_s_at	0.89485792	0.49299939	MED28	mediator com 1500003D12R	80306
206967_at	0.51578521	0.87233129	CCNT1	cyclin T1 CCNT CYCT1	904
211126_s_at	0.9569657	0.43157888	CSRP2	cysteine and g CRP2 LMO5 :	1466
218617_at	0.9171497	0.47196523	TRIT1	tRNA isopent e FLJ20061 IPT	54802
229222_at	-0.09591905	1.48611295	ACSS3	acyl-CoA syntn FLJ21963	79611
229914_at	1.39165714	0	FLJ38717	FLJ38717 prot FLJ40915	401261
1552698_at	-0.09892253	1.49484601	MGC16703	tubulin, alpha -	113691
230742_at	0.02503125	1.3721923	RBM6	RNA binding n 3G2 DEF-3 D	10180
36545_s_at	0.89518111	0.50266148	SFI1	Sfi1 homolog, MGC131712	9814
1568838_at	0.60122591	0.79662381	LOC10013216	similar to hCG gs3	100132169
225949_at	0.67616673	0.72195265	NRBP2	nuclear recepi DKFZp434P08	340371
218775_s_at	0.67865016	0.72138431	WWC2	WW and C2 d BOMB FLJ22C	80014
212915_at	0.98906487	0.41102047	PDZRN3	PDZ domain c LNX3 SEMAC	23024
229351_at	0.54665505	0.8541905	USP49	ubiquitin spec MGC20741	25862
1560058_at	1.47970407	-0.07781858	LOC399900	hypothetical L -	399900
213113_s_at	1.22920348	0.17320013	SLC43A3	solute carrier DKFZp762A22	29015
235473_at	1.0474715	0.35538713	MED6	mediator com NY-REN-28	10001
64371_at	0.83933165	0.56458095	SFRS14	splicing factor DKFZp686M2:	10147
226430_at	1.00319464	0.401192	RELL1	RELT-like 1 FLJ21778 MG	768211
215997_s_at	1.82931363	-0.4237125	CUL4B	cullin 4B DKFZp686F14	8450
231252_at	1.05318064	0.35355335	C2orf67	chromosome FLJ23861	151050
238114_at	1.23679412	0.17279076	PCMTD1	protein-L-isoa FLJ10883	115294
221631_at	1.06335065	0.3484566	CACNA1	calcium chanr Cav3.3 KIAA1	8911
1560019_at	1.89221864	-0.48022872	MGC11082	hypothetical L FLJ33783 FLJ:	84777
1566207_at	0.39265953	1.01965312	TCEA1	transcription e GTF2S SII TCI	6917
225527_at	0.78331273	0.62995778	CEBPG	CCAAT/enhan GPE1BP IG/EI	1054

215467_x_at	0.70183118	0.71253643	LOC647070	hypothetical l -	647070
209051_s_at	0.93601084	0.47856089	RALGDS	ral guanine nu FLJ20922 RGI	5900
233946_at	1.09616611	0.31993316	SMU1	smu-1 suppre: BWD DKFZp7	55234
1552735_at	-0.00858464	1.42633817	PCDHGC3	protocadherin PC43 PCDH-G	5098
224792_at	0.68593991	0.73407911	TNKS1BP1	tankyrase 1 bi FLJ45975 KIA	85456
201531_at	1.29228261	0.12876099	ZFP36	zinc finger prc GOS24 GOS24	7538
1557895_at	0.79145202	0.63023145	FLJ35934	FLJ35934 prot -	400579
212223_at	0.98261036	0.43907864	IDS	iduronate 2-sulfate MPS2 SIDS	3423
1557945_at	1.20988687	0.21187997	TCTE3	t-complex-associated MGC142199	6991
1557073_s_at	0.86374187	0.55864734	TTBK2	tau tubulin kinase KIAA0847 SCN	146057
214290_s_at	1.22823113	0.19582451	HIST2H2AA3	histone cluster H2A H2A.2 H	8337
215946_x_at	1.16783733	0.25807536	IGLL3	immunoglobulin 16.1	91353
221240_s_at	0.83147044	0.5981275	B3GNT4	UDP-GlcNAc 6-epimerase B3GN-T4 beta	79369
240715_at	1.01313067	0.41697152	TBX5	T-box 5 HOS	6910
238760_at	0.69363008	0.73686557	YARS	tyrosyl-tRNA synthetase CMTDIC TYRF	8565
204792_s_at	0.56393476	0.86736834	IFT140	intraflagellar transport DKFZp564L23	9742
207010_at	0	1.43284386	GABRB1	gamma-aminobutyrate GABRB1	2560
226693_at	0.87275494	0.56303171	SDHALP1	succinate dehydrogenase SDHAL1	255812
228040_at	1.00366651	0.43217687	MGC21881	hypothetical l -	389741
235626_at	0.98018767	0.45594882	CAMK1D	calcium/calmodulin-dependent kinase CAM-K1	57118
224842_at	0.72562352	0.71134344	SMG1	SMG1 homolog 61E3.4 ATX K	23049
1554140_at	0.9599024	0.47721005	WDR78	WD repeat domain FLJ23129 RP1	79819
219182_at	1.65351527	-0.21575179	CHST5	carbohydrate sulfotransferase FLJ22167 I-GI	23563
206756_at	1.4394343	0	CHST7	carbohydrate sulfotransferase C6ST-2	56548
216983_s_at	0.96664498	0.47286062	ZNF224	zinc finger protein BMZF-2 BMZI	7767
227717_at	-0.01424404	1.45511488	FLJ41603	FLJ41603 prot -	389337
218404_at	0.91639169	0.52528418	SNX10	sorting nexin 10 MGC33054	29887
214211_at	1.40501151	0.03702308	FTH1	ferritin, heavy chain FHC FTH FTH	2495
225752_at	0.7764753	0.66788639	NIPA1	non imprinting center FSP3 MGC100	123606
223916_s_at	0.88040066	0.56435994	BCOR	BCL6 corepressor ANOP2 FLJ20	54880
203279_at	1.17210751	0.27385292	EDEM1	ER degradation EDEM FLJ515	9695
204999_s_at	0.85113463	0.59589675	ATF5	activating transcription factor ATRF FLJ3466	22809
209778_at	0.8966343	0.55067347	TRIP11	thyroid hormone receptor TRIP11 GMAP	9321
216336_x_at	1.55837698	-0.11055831	MT1E	metallothionein MT1 MTD	4493
212843_at	0.2606601	1.1873875	NCAM1	neural cell adhesion molecule CD56 MSK39	4684
241405_at	1.44850477	0	LOC400604	hypothetical gene -	400604
202368_s_at	0.25362422	1.19672571	TRAM2	translocation KIAA0057	9697
1561973_at	0.37086334	1.0795221	SMARCC2	SWI/SNF related BAF170 CRAC	6601
231024_at	0.19516515	1.25654464	LOC572558	hypothetical l -	572558
238135_at	0.91019992	0.54281733	AGTRAP	angiotensin II receptor ATRAP MGC2	57085
222141_at	0.96179155	0.49158302	KLHL22	kelch-like 22 (KELCHL22)	84861
215233_at	0.88036639	0.57322824	JMJD6	jumonji domain KIAA0585 PSF	23210
230736_at	0.85236515	0.60188555	LOC387647	patched domain DKFZp313C09	387647
216960_s_at	1.14166601	0.31362148	ZNF133	zinc finger protein ZNF150 pHZ-	7692
1554008_at	1.44235969	0.01438429	OSMR	oncostatin M MGC150626	9180
244631_at	0.33288646	1.12553823	LOC389834	ankyrin repeat -	389834
207443_at	0.72025147	0.73818156	NR2E1	nuclear receptor TLL TLX XTLL	7101
231824_at	1.02496509	0.43397201	LARP1B	La ribonucleoprotein DKFZp686L13	55132

209324_s_at	1.33347236	0.12546872	RGS16	regulator of G A28-RGS14 A	6004
238523_at	0.91416981	0.54498235	KLHL36	kelch-like 36 ( C16orf44 FLJ:	79786
228310_at	0.15341062	1.30578569	ENAH	enabled homc ENA MENA N	55740
236841_at	0.47775264	0.98157282	WASH3P	WAS protein f FAM39DP FLJ	374666
225146_at	0.92746426	0.53416873	C9orf25	chromosome FLJ39031 bA5	203259
221572_s_at	0.77884482	0.68748398	SLC26A6	solute carrier DKFZp586E14	65010
229962_at	0.31203308	1.15623434	LRRC37A3	leucine rich re FLJ34306 KIA.	374819
1555788_a_at	1.83513084	-0.36647344	TRIB3	tribbles homo C20orf97 NIP	57761
228476_at	1.65133421	-0.18196753	KIAA1407	KIAA1407 FLJ43314	57577
32137_at	0.48016766	0.99051643	JAG2	jagged 2 HJ2 SER2	3714
206059_at	0.75156474	0.71985915	ZNF91	zinc finger prc HPF7 HTF10	7644
243857_at	1.32088131	0.15174854	MORF4L2	mortality fact KIAA0026 MC	9643
212311_at	1.74960031	-0.27604538	SEL1L3	sel-1 suppress DKFZp781J16:	23231
233893_s_at	0.78922614	0.68479016	KIAA1530	KIAA1530 MGC117169	57654
221272_s_at	0.70390472	0.77237076	C1orf21	chromosome PIG13	81563
1553292_s_at	0.48931309	0.98781724	FLJ25006	uncharacteriz FLJ78978 MG	124923
203683_s_at	0.79293456	0.68475308	VEGFB	vascular endo VEGFL VRF	7423
201548_s_at	1.27063071	0.20863699	KDM5B	lysine (K)-spec CT31 FLJ1053	10765
219027_s_at	1.01183745	0.46782923	MYO9A	myosin IXA FLJ11061 FLJ:	4649
209352_s_at	0.70860935	0.77193318	SIN3B	SIN3 homolog KIAA0700	23309
201141_at	1.52750404	-0.04539419	GPNMB	glycoprotein ( HGFIN NMB	10457
217594_at	0.33885905	1.14440735	ZCCHC11	zinc finger, CC PAPD3	23318
203741_s_at	0.16495234	1.31855541	ADCY7	adenylate cyc AC7 FLJ36387	113
219423_x_at	0.52859194	0.95510867	TNFRSF25	tumor necrosi APO-3 DDR3	8718
238890_at	0.73385552	0.75175275	PSMG1	proteasome ( C21LRP DSCR	8624
239846_at	0	1.48630258	MTHFD1	methylenetet MTHFC MTHF	4522
227977_at	1.42003572	0.06712404	ZADH2	zinc binding al MGC45594	284273
227561_at	1.16239319	0.32492239	DDR2	discoidin dom MIG20a NTR:	4921
205463_s_at	1.09311461	0.39685419	PDGFA	platelet-deriv PDGF-A PDGF	5154
230588_s_at	1.15013329	0.34269761	LOC285074	anaphase proi-	285074
211012_s_at	1.39155064	0.10342041	PML	promyelocytic MYL PP8675	5371
219522_at	0.73420964	0.76111126	FJX1	four jointed b FLJ22416 FLJ:	24147
234995_at	1.17085616	0.32452682	CCDC52	coiled-coil dor FLJ26064 FLJ:	152185
232547_at	0.6717338	0.82383244	SNIP	SNAP25-inter: KIAA1684	80725
227196_at	0.68052648	0.81709129	RHPN2	rhophilin, Rho P76RBE RHO:	85415
209140_x_at	0.8305551	0.66998287	HLA-B	major histoco AS HLA-B-73C	3106
204073_s_at	1.12923423	0.37267078	C11orf9	chromosome KIAA0954 MC	745
219317_at	0.77916685	0.72378168	POLI	polymerase ( C RAD30B RAD:	11201
205917_at	0.9337518	0.5693133	ZNF264	zinc finger prc -	9422
215772_x_at	1.05806178	0.44535207	SUCLG2	succinate-CoA G-BETA	8801
1566901_at	0.42718847	1.07712897	TGIF1	TGFB-induced HPE4 MGC39	7050
225957_at	1.80757598	-0.30317385	C5orf41	chromosome DKFZp313F23	153222
203146_s_at	0.61982324	0.88481021	GABBR1	gamma-aminc FLJ92613 GAI	2550
214094_at	1.20788422	0.29691537	FUBP1	far upstream ( FBP FUBP	8880
204982_at	1.3066682	0.19818538	GIT2	G protein-cou CAT-2 DKFZpt	9815
1566079_at	0.90890274	0.5962487	RPS16P5	ribosomal pro RPS16_3_702	647190
222687_s_at	0.54120334	0.96408257	ACER3	alkaline cerarr APHC FLJ112:	55331
212052_s_at	0.90267889	0.60283472	TBC1D9B	TBC1 domain FLJ41880 KIA.	23061

203232_s_at	0.69727898	0.81167627	ATXN1	ataxin 1	ATX1 D6S504	6310
238807_at	0.76917531	0.74226933	ANKRD46	ankyrin repea -		157567
232921_at	0.60062361	0.91204913	KIAA1549	KIAA1549	FLJ11731 FLJ	57670
228185_at	1.19584286	0.31688186	ZNF25	zinc finger prc	DKFZp564C20	219749
225898_at	0.98848933	0.52518321	WDR54	WD repeat do	FLJ12953	84058
221683_s_at	0.47828191	1.03631957	CEP290	centrosomal p	3H11Ag BBS1	80184
225344_at	1.33841961	0.1766112	NCOA7	nuclear recept	ERAP140 ESN	135112
228149_at	0.88193965	0.63363923	C7orf60	chromosome	FLJ31818	154743
64900_at	1.46541333	0.05065252	TMEM231	transmembrai	ALYE870 FLJ2	79583
208664_s_at	1.27085738	0.24531063	TTC3	tetratricopept	DCRR1 DKFZp	7267
216229_x_at	0.41688195	1.09932173	HCG2P7	HLA complex	{HCGII-7 HCGI	80867
213304_at	0.87925657	0.63730377	FAM179B	family with se	DKFZp686D12	23116
230256_at	0.39376982	1.12684393	C1orf104	chromosome	FLJ35976 RP1	284618
201655_s_at	1.02225312	0.4999325	HSPG2	heparan sulfai	PLC PRCAN S	3339
209376_x_at	0.5846737	0.93788195	SFRS2IP	splicing factor	CASP11 SIP1	9169
226114_at	0.95400178	0.56977621	ZNF436	zinc finger prc	KIAA1710 ZNI	80818
227900_at	0.7444289	0.78004546	CBLB	Cas-Br-M (mu	DKFZp686J10:	868
229086_at	1.1545117	0.37152937	C1orf213	chromosome	FLJ90508	148898
226783_at	1.08940157	0.43664123	AGXT2L2	alanine-glyoxy	MGC117348	85007
235780_at	0.9327576	0.59390399	PRKACB	protein kinase	DKFZp781I24:	5567
1552751_a_at	1.67493375	-0.14654688	CIB3	calcium and ir	KIP3 MGC13:	117286
224902_at	0.69875997	0.83069946	PDPR	pyruvate dehy	DKFZp686A08	55066
226605_at	1.25622871	0.27591524	DGKQ	diacylglycerol	DAGK DAGK4	1609
230087_at	0	1.53577193	PRIMA1	proline rich m	PRIMA	145270
217841_s_at	0.55953872	0.97887114	PPME1	protein phosp	FLJ22226 PM	51400
234710_s_at	0.57285204	0.96672996	PARP6	poly (ADP-ribc	MGC131971	56965
208807_s_at	1.01403072	0.52591575	CHD3	chromodomai	Mi-2a Mi2-AL	1107
202007_at	0.02715316	1.51307641	NID1	nidogen 1	NID	4811
1553101_a_at	1.06026101	0.48293978	ALKBH5	alkB, alkylatio	FLJ20308 OFC	54890
239457_at	1.54324003	0	ATP8B3	ATPase, class	ATPIK	148229
207239_s_at	0.65417825	0.8906814	PCTK1	PCTAIRE prote	FLJ16665 PCT	5127
224212_s_at	0.6826246	0.86321714	PCDHA10	protocadherin	CNR8 CNRN8	56139
228280_at	0.62916588	0.91740154	ZC3HAV1L	zinc finger CC	(C7orf39 MGC	92092
230757_at	0.89735711	0.64989565	FLJ44796	hypothetical F-		401209
208958_at	0.98249594	0.56476528	ERP44	endoplasmic r	KIAA0573 PD	23071
1569315_s_at	1.98409907	-0.43670892	LOC10027222	hypothetical L	FLJ30251 FLJ	100272228
232395_x_at	1.21796021	0.32951267	AGBL3	ATP/GTP bind	FLJ12983 MG	340351
208469_s_at	1.04178015	0.50621029	EGFL8	EGF-like-dom:	C6orf8 FLJ44:	80864
225242_s_at	1.17095648	0.37877449	CCDC80	coiled-coil do	DRO1 MGC1:	151887
218430_s_at	1.12014035	0.43001986	RFX7	regulatory fac	FLJ12994 FLJ:	64864
238509_at	1.4417238	0.1088855	CUL1	cullin 1	MGC149834	8454
226869_at	0.77268992	0.77862869	MEGF6	multiple EGF-I	EGFL3 KIAA0:	1953
227236_at	0.53243465	1.01935006	TSPAN2	tetraspanin 2	6330415F13R	10100
215012_at	0.94931314	0.60293982	ZNF451	zinc finger prc	COASTER FLJ:	26036
235259_at	0.30551325	1.24704487	PACRGL	PARK2 co-regi	C4orf28 MGC	133015
229016_s_at	1.25347987	0.30074342	TRERF1	transcriptiona	BCAR2 FLJ211	55809
213558_at	0.77213006	0.78219625	PCLO	piccolo (presy	ACZ DKFZp77	27445
227263_at	0.89087349	0.66352887	C8orf58	chromosome	FLJ34715	541565

204592_at	0.69455971	0.86261899	DLG4	discs, large homologue	FLJ97752 FLJ97752	1742	
221833_at	0.87371044	0.68359138	SIAH1	seven in absentia	FLJ08065 SIAH1	6477	
1569484_s_at	0.39418892	1.16405588	MDN1	MDN1, midasin	DKFZp686H16	23195	
235410_at	0.84135436	0.71734464	NPHP3	nephronophthisis	DKFZp667K24	27031	
204669_s_at	0.99576101	0.56577683	RNF24	ring finger protein	prcG1L	11237	
239067_s_at	0.73996114	0.8216015	PANX2	pannexin 2	MGC119432	56666	
209034_at	0.99048216	0.57144713	PNRC1	proline-rich nuclear	B4-2 PNAS-14	10957	
204425_at	1.32502094	0.23703126	ARHGAP4	Rho GTPase activating	C1 KIAA0131	393	
227301_at	0.63420154	0.92793737	LOC649553	NA	NA NA	NA	
204765_at	1.56175039	0.00185102	ARHGEF5	Rho guanine nucleotide	exchange factor	DKFZp686N19	7984
226612_at	0.92474151	0.63913347	UBE2QL1	ubiquitin-conjugating	enzyme	FLJ25076 FLJ25076	134111
218198_at	0.658729	0.90514906	DHX32	DEAH (Asp-Glu) domain	protein	DDX32 DHLP3	55760
241370_at	0.4415196	1.12260108	LOC286052	hypothetical protein		286052	
219233_s_at	1.51950474	0.04505011	GSDMB	gasdermin B	GSDML PP40	55876	
243264_s_at	1.17346011	0.39148168	C8orf44	chromosome 8 open reading	frame 44	FLJ11267	56260
208033_s_at	0.28840994	1.27747766	ZFHX3	zinc finger homeobox	protein	ATBF1 ATBT	463
213075_at	0.6183309	0.94857665	OLFML2A	olfactomedin-2	FLJ00237 PRC	169611	
1565703_at	0.1930337	1.37440649	SMAD4	SMAD family member	4	DPC4 JIP MA	4089
226055_at	1.23418983	0.33615229	ARRDC2	arrestin domain containing	protein	CLONE24945	27106
233632_s_at	0.61309184	0.95737849	XRN1	5'-3' exonuclease	DKFZp434P07	54464	
215318_at	0.34652978	1.22481306	CG012	hypothetical protein		116829	
1565651_at	0.97199475	0.59986749	ARF1	ADP-ribosylating factor	1		375
240282_at	0	1.57206792	WDR1	WD repeat domain	AIP1 NORI-1	9948	
224463_s_at	1.39313847	0.18074772	C11orf70	chromosome 11 open reading	frame 70	MGC13040	85016
239757_at	0.55723933	1.01776243	ZFAND6	zinc finger, FAND domain	protein	AWP1 ZA20D	54469
224606_at	1.05593604	0.52005259	KLF6	Kruppel-like factor	6	BCD1 CBA1 C	1316
219270_at	1.4413969	0.13468933	CHAC1	ChaC, cation transport	ATPase	MGC4504	79094
239493_at	1.37535009	0.20116332	RPL7	ribosomal protein	L7	MGC117326	6129
228565_at	1.57856532	0	KIAA1804	mixed lineage leukemia	protein	MLK4 RP5-86	84451
226665_at	0.96346213	0.61806896	AHSA2	AHA1, activator	DKFZp564C23	130872	
239151_at	0.5763466	1.00758606	RP11-144G6.7	hypothetical protein	LOC399753	399753	
206405_x_at	1.28993054	0.29494359	USP6	ubiquitin specific protease	6	HRP1 TRE17	9098
220940_at	0.39810765	1.18760245	ANKRD36B	ankyrin repeat domain	protein	FLJ21281 FLJ21281	57730
219221_at	0.87924879	0.70662579	ZBTB38	zinc finger, BTB domain	protein	ancCIBZ FLJ2233	253461
230664_at	1.00964731	0.57639868	MGC39900.T1	thymosin beta 4	MGC39900 T1	286527	
220710_at	1.33019795	0.25791742	C15orf28	chromosome 15 open reading	frame 28	FLJ11722 HsT	80035
212619_at	1.1256585	0.46429012	TMEM194A	transmembrane protein	194A	DKFZp686N17	23306
224920_x_at	1.07444375	0.51611621	MYADM	myeloid-associated	protein	SB135	91663
237783_at	0.43090275	1.16038031	PLAC8L1	PLAC8-like 1			153770
1565358_at	0	1.59268487	RARA	retinoic acid receptor	alpha	NR1B1 RAR	5914
229160_at	1.59278852	0	MUM1L1	melanoma associated	protein	FLJ33516 MG	139221
206157_at	1.4304618	0.16350061	PTX3	pentraxin-related	protein	TNFAIP5 TSG-	5806
218686_s_at	0.28794621	1.30644948	RHBDF1	rhomboïd 5 homeobox	protein	C16orf8 Dist1	64285
1554595_at	0.86480714	0.73273869	SYMPK	symplekin	FLJ27092 SPK	8189	
210756_s_at	1.00208391	0.59885117	NOTCH2	Notch homolog	2	AGS2 hN2	4853
223290_at	1.1011799	0.50054972	PDXP	pyridoxal (pyr) dependent	protein	CIN FLJ32703	57026
205891_at	1.64864917	-0.04477444	ADORA2B	adenosine A2 adenosine	receptor	2	136
244881_at	0.55115914	1.05339212	LMLN	leishmanolysin	GP63 INV IX1	89782	

212365_at	0.89065445	0.71638354	MYO1B	myosin IB	myr1	4430
234445_at	1.40337604	0.20399459	NCRNA00171	non-protein c	C6orf12 HTE	80862
220770_s_at	1.02125055	0.58653435	C5orf54	chromosome	Buster3	63920
226768_at	1.07368491	0.5342654	GIGYF1	GRB10 interac	GYF1 PERQ1	64599
202340_x_at	0.73612791	0.87188479	NR4A1	nuclear recep	GFRP1 HMR	3164
203271_s_at	1.01309709	0.59798099	UNC119	unc-119 hom	cHRG4	9094
242247_at	1.23582458	0.37591149	METT5D1	methyltransfe	FLJ33979	196074
215003_at	1.6343945	-0.01927206	DGCR9	DiGeorge sync	DGS-A	25787
202067_s_at	1.15586632	0.46370367	LDLR	low density lip	FH FHC LDLC	3949
208322_s_at	0.98852629	0.63181904	ST3GAL1	ST3 beta-gala	cDKFZp666E03	6482
219845_at	1.31420786	0.30810367	BARX1	BARX homeot-		56033
205742_at	1.20985964	0.41394589	TNNI3	troponin I typ	CMD2A CMH	7137
1557113_at	0.47066654	1.15714295	LOC283588	hypothetical L-		283588
215143_at	0.71013841	0.91855475	DPY19L2P2	dpy-19-like 2	DKFZp434E09	349152
222048_at	0.51444593	1.1144776	CRYBB2P1	crystallin, bet	:CRYB2B MGC	1416
231854_at	1.28384101	0.34536863	PIK3CA	phosphoinosit	MGC142161	5290
204500_s_at	0.90409595	0.72626606	AGTPBP1	ATP/GTP bind	DKFZp686M2	23287
47069_at	0.91872471	0.7117313	PRR5	proline rich 5	FLJ20185 FLJ	55615
208072_s_at	0.81908908	0.81137939	DGKD	diacylglycerol	DGKdelta FLJ	8527
217506_at	0.82006703	0.81079763	LOC339290	hypothetical L	DKFZp686I11	339290
205726_at	1.20964334	0.42245886	DIAPH2	diaphanous ho	DIA DIA2 DRI	1730
219116_s_at	0.7034579	0.93181415	DCUN1D2	DCN1, defecti	C13orf17 FLJ	55208
1558859_at	1.64399923	-0.00848413	LOC222159	hypothetical p-		222159
1554602_at	1.12322145	0.51478981	RBM8A	RNA binding n	BOV-1A BOV-	9939
205277_at	1.24697707	0.39769409	PRDM2	PR domain co	HUMHOXY1 t	7799
218983_at	1.09513094	0.55257558	C1RL	complement c	C1RL1 C1RLP	51279
218012_at	1.01726279	0.63088044	TSPYL2	TSPY-like 2	CDA1 CINAP	64061
204526_s_at	1.45706988	0.19240253	TBC1D8	TBC1 domain	AD3 HBLP1 T	11138
227108_at	1.00747645	0.64231127	STARD9	StAR-related	I DKFZp686O24	57519
1557948_at	1.46637976	0.18342161	PHLDB3	pleckstrin hon	FLJ40193 MG	653583
204346_s_at	1.23710671	0.41362776	RASSF1	Ras associatio	123F2 NORE2	11186
227759_at	1.07356187	0.57718601	PCSK9	proprotein co	FH3 HCHOLA:	255738
239203_at	1.18462677	0.4679523	C7orf53	chromosome	FLJ39575 MG	286006
212923_s_at	1.04081436	0.61420433	C6orf145	chromosome -		221749
214163_at	1.32990474	0.32584544	HSPB11	heat shock pr	cC1orf41 HSPC	51668
209911_x_at	1.62505806	0.03136363	HIST1H2BD	histone cluste	H2B.1B H2B/I	3017
223388_s_at	1.50255626	0.15530285	ZFYVE1	zinc finger, FY	DFCP1 KIAA1	53349
203910_at	0.40903017	1.25030969	ARHGAP29	Rho GTPase a	PARG1 RP11-	9411
202771_at	0.95634685	0.7035098	FAM38A	family with se	KIAA0233 Mil	9780
224839_s_at	1.619251	0.0407444	GPT2	glutamic pyru	ALT2	84706
204341_at	1.68734281	-0.02551595	TRIM16	tripartite mot	EBBP	10626
233197_at	1.66189717	0	KLHL9	kelch-like 9	(D FLJ21815	55958
225081_s_at	0.94121993	0.72213301	CDCA7L	cell division	c DKFZp762L03	55536
223658_at	1.69731081	-0.0326337	KCNK6	potassium cha	FLJ12282 K2p	9424
208242_at	1.30400464	0.36179229	RAX	retina and ant	MCOP3 RX	30062
225996_at	0	1.66692117	LONRF2	LON peptidas	cFLJ45273 MG	164832
214951_at	0.15613073	1.51192407	SLC26A10	solute carrier -		65012
203628_at	0.88864892	0.77978941	IGF1R	insulin-like gr	cCD221 IGFIR	3480

205919_at	1.67107723	0	HBE1	hemoglobin, εHBE	3046
228318_s_at	0.83631301	0.83487845	CRIPAK	cysteine-rich f FLJ34443 MG	285464
1568815_a_at	0.48883924	1.18803767	DDX50	DEAD (Asp-Glu GU2 GUB MC	79009
201195_s_at	0.96999577	0.7082218	SLC7A5	solute carrier 4F2LC CD98	8140
242149_at	1.302633	0.376496	C18orf19	chromosome HsT2329 MG	125228
221523_s_at	1.45099241	0.23072618	RRAGD	Ras-related G <sup>-</sup> DKFZp761H17	58528
225252_at	1.5673555	0.11476409	SRXN1	sulfiredoxin 1 C20orf139 Nf	140809
200920_s_at	1.80993379	-0.12617355	BTG1	B-cell transloc -	694
242176_at	1.68532367	0	MEF2A	myocyte enha ADCAD1 RSRI	4205
204584_at	0.64000067	1.0463354	L1CAM	L1 cell adhesic CAML1 CD17	3897
243631_at	1.78015611	-0.09094317	MPHOSPH8	M-phase phos FLJ35237 HSM	54737
227923_at	0.95974352	0.73130277	SHANK3	SH3 and multi DEL22q13.3 k	85358
215483_at	1.3006844	0.3918847	AKAP9	A kinase (PRK, AKAP350 AKA	10142
241372_at	1.85675919	-0.16264929	ZC3H6	zinc finger CC(FLJ16526 FLJ	376940
227884_at	0.6157997	1.08033134	TAF15	TAF15 RNA pc Npl3 RBP56	8148
218697_at	0.96367856	0.73258545	NCKIPSD	NCK interactir AF3P21 DIP I	51517
225990_at	-0.53014472	2.22669452	BOC	Boc homolog -	91653
210203_at	0.97591761	0.72089771	CNOT4	CCR4-NOT tra CLONE243 NC	4850
212913_at	0.75602952	0.94362644	C6orf26	chromosome DKFZp434C16	401251
212875_s_at	0.41821048	1.28205702	C2CD2	C2 calcium-de C21orf25 C21	25966
232094_at	0.81758094	0.88539488	C15orf29	chromosome FLJ22557 MG	79768
227134_at	1.85965633	-0.15574435	SYTL1	synaptotagmi FLJ14996 JFC:	84958
243792_x_at	1.09693633	0.60710833	PTPN13	protein tyrosii DKFZp686J14:	5783
37652_at	1.0402712	0.66464518	CABIN1	calcineurin bir CAIN KIAA03:	23523
231838_at	1.25183458	0.45360426	PABPC1L	poly(A) bindin C20orf119 FL	80336
220482_s_at	1.22872079	0.47713057	SERGEF	secretion regl DELGEF Gnefi	26297
238784_at	0.06460569	1.64165936	DPY19L2	dpy-19-like 2 (FLJ32949 FLJ:	283417
208055_s_at	1.54496409	0.16233138	HERC4	hect domain ε DKFZp564G09	26091
231790_at	1.70742984	0	DMGDH	dimethylglycir DMGDHD ME	29958
1559496_at	1.03004544	0.67763621	PPA2	pyrophosphat FLJ20459 HSF	27068
203778_at	1.15420243	0.55460073	MANBA	mannosidase, MANB1	4126
219763_at	1.30540168	0.40667441	DENND1A	DENN/MADD FAM31A FLJ3	57706
206906_at	1.19131401	0.52101004	ICAM5	intercellular α TLCN TLN	7087
202460_s_at	1.14255286	0.57276591	LPIN2	lipin 2 KIAA0249	9663
216526_x_at	0.71066206	1.00786121	HLA-C	major histoco D6S204 FLJ27	3107
208626_s_at	1.38971261	0.330782	VAT1	vesicle amine FLJ20230 VA1	10493
227649_s_at	1.37907646	0.34363274	SRGAP2	SLIT-ROBO Rh FNBP2 KIAA0:	23380
239223_s_at	0.52766403	1.19620726	FBXL20	F-box and leu FLJ21037 Fbl:	84961
242491_at	0.26271742	1.4618429	LOC728555	NA NA NA	
214409_at	1.13154499	0.5932132	RFPL3S	RFPL3 antisen NCRNA00005	10737
1561687_a_at	0.65137373	1.07408408	ZNF382	zinc finger prc FLJ14686 KS1	84911
241985_at	1.85912287	-0.13049486	JMY	junction medi FLJ37870 MG	133746
213046_at	1.09326482	0.63740413	PABPN1	poly(A) bindin OPMD PAB2	8106
232421_at	1.8679908	-0.13660949	SCARB1	scavenger rec CD36L1 CLA-:	949
242734_x_at	0.88468273	0.84911508	GALT	galactose-1-pl-	2592
219983_at	1.07129424	0.66461903	HRASLS	HRAS-like sup A-C1 H-REV1(	57110
203215_s_at	1.27938519	0.45768809	MYO6	myosin VI DFNA22 DFNI	4646
205858_at	0.89912416	0.83927787	NGFR	nerve growth CD271 Gp80-	4804



205865_at	0.8103914	0.92803298	ARID3A	AT rich interact	BRIGHT DRIL1	1820
204066_s_at	1.04247873	0.69601099	AGAP1	ArfGAP with C	CENTG2 GGA	116987
228702_at	1.4661498	0.27320696	FLJ43663	hypothetical L -		378805
219295_s_at	1.13753111	0.60207761	PCOLCE2	procollagen C	PCPE2	26577
200737_at	1.20920024	0.53042724	PGK1	phosphoglyce	MGC117307	5230
235799_at	0.23905384	1.50219267	NSL1	NSL1, MIND k	C1orf48 DC8	25936
1568627_at	1.37335908	0.3682115	SMEK2	SMEK homolo	FLFL2 FLJ314:	57223
209195_s_at	1.55360901	0.18811403	ADCY6	adenylate cyc	AC6 DKFZp77	112
243834_at	0.9158907	0.82957103	TNRC6A	trinucleotide	r CAGH26 DKF:	27327
205100_at	0.29993127	1.44698044	GFPT2	glutamine-fru	FLJ10380 GFA	9945
202861_at	1.39987308	0.35117711	PER1	period homolo	MGC88021 P	5187
207725_at	-0.03670486	1.78977934	POU4F2	POU class 4 h	BRN3.2 BRN3	5458
219477_s_at	0.87507436	0.87900427	THSD1	thrombospon	MGC74971 TI	55901
205027_s_at	0.89626607	0.85907785	MAP3K8	mitogen-activ	COT EST ESTI	1326
237856_at	0.59814828	1.16079694	RAP1GDS1	RAP1, GTP-GC	GDS1 MGC11	5910
217730_at	1.85166205	-0.09261497	TMBIM1	transmembra	MST100 MST	64114
239512_at	0.43902545	1.3204461	SFRS4	splicing factor	SRP75	6429
237591_at	1.2678757	0.49513539	FLJ42957	non-protein c	FLJ42957 MG	100287569
201008_s_at	1.48815802	0.2771148	TXNIP	thioredoxin in	EST01027 HH	10628
1569320_at	1.13595145	0.6312076	GPBP1L1	GC-rich prom	RP11-767N6.1	60313
201631_s_at	1.56119006	0.2075033	IER3	immediate ea	DIF-2 DIF2 GI	8870
211310_at	0.08212122	1.68687321	EZH1	enhancer of z	KIAA0388	2145
213178_s_at	1.19270815	0.57648486	MAPK8IP3	mitogen-activ	DKFZp762N11	23162
1552733_at	0.36031306	1.41154175	KLHDC1	kelch domain	MGC126644	122773
231120_x_at	1.58132676	0.19189361	PKIB	protein kinase	FLJ23817 PRK	5570
238908_at	1.0938868	0.6805903	CALU	calumenin	FLJ90608	813
216263_s_at	0.24723374	1.52756256	NGDN	neuroguidin,	{C14orf120 DI	25983
213182_x_at	0.90114131	0.87435355	CDKN1C	cyclin-depend	BWCR BWS k	1028
215640_at	1.99222777	-0.21515509	TBC1D2B	TBC1 domain	FLJ20166 KIA	23102
225618_at	1.46403547	0.31335048	ARHGAP27	Rho GTPase a	CAMGAP1 FL	201176
229538_s_at	1.44805204	0.32973186	IQGAP3	IQ motif cont	MGC10170 M	128239
229584_at	1.78145642	0	LRRK2	leucine-rich	re AURA17 DAR	120892
224771_at	1.39680715	0.3849768	NAV1	neuron navig	DKFZp781D03	89796
228658_at	0	1.78235062	MIAT	myocardial inf	C22orf35 FLJ:	440823
1560089_at	0.74888217	1.03549115	LOC286208	hypothetical L	FLJ42733	286208
219632_s_at	1.05821994	0.72616451	TRPV1	transient rece	DKFZp434K02	7442
206397_x_at	1.7085781	0.07625998	GDF1	growth differ	-	2657
44040_at	0.77134388	1.01370276	FBXO41	F-box protein	FLJ37709 Fbx	150726
207702_s_at	1.76884971	0.01924585	MAGI2	membrane as	ACVRIP1 AIP1	9863
232530_at	0.00318744	1.78572557	PLD1	phospholipase	-	5337
236948_x_at	1.54172021	0.2477677	SFRS11	splicing factor	DKFZp686M1:	9295
228906_at	1.4599722	0.33078938	TET1	tet oncogene	CXXC6 FLJ10E	80312
1553400_a_at	1.19997157	0.59236281	C17orf69	chromosome	FLJ25168	147081
211386_at	0.38773591	1.40476078	MGC12488	hypothetical	γ -	84786
236431_at	0.66748802	1.12608918	SR140	U2-associated	KIAA0332 MC	23350
222451_s_at	0.97738675	0.81683103	ZDHHC9	zinc finger,	Df CGI-89 CXorf:	51114
231777_at	0.76203057	1.03236371	LY6G5B	lymphocyte a	C6orf19 G5b	58496
222286_at	1.27303509	0.52144849	SNAPC3	small nuclear	MGC132011	6619

218750_at	1.09255154	0.70345779	TAF1D	TATA box binc	JOSD3 MGC5	79101
237577_at	0.29834191	1.49890455	PCNP	PEST proteoly	DKFZp781I24	57092
236910_at	1.3859478	0.41163998	MRPL39	mitochondrial	C21orf92 FLJ	54148
238642_at	1.21295202	0.5856921	ANKRD13D	ankyrin repea	MGC50828	338692
1552717_s_at	1.44289663	0.35575618	CEP170L	centrosomal	γ FAM68B KIAA	645455
213703_at	0.16815047	1.63105529	LOC150759	hypothetical	γ -	150759
219826_at	1.23551327	0.5658989	ZNF419	zinc finger prc	FLJ23233 ZNF	79744
214815_at	0.97024755	0.831621	TRIM33	tripartite mot	FLJ32925 PTC	51592
242447_at	1.33847716	0.46352752	C3orf70	chromosome -		285382
227922_x_at	0.96255629	0.84015452	LOC441124	hypothetical	g -	441124
229981_at	0.70548617	1.09763598	SNX5	sorting nexin	!FLJ10931	27131
228482_at	1.27173394	0.5318572	CDRT4	CMT1A duplic	FLJ36674 MG	284040
224572_s_at	1.55430663	0.24949855	IRF2BP2	interferon reg	MGC72189	359948
203044_at	1.14867472	0.65735063	CHSY1	chondroitin su	CHSY CSS1 D	22856
236337_at	1.91283815	-0.10571206	SYCP2L	synaptonemal	C6orf177 NO	221711
214917_at	0.32007903	1.4913412	PRKAA1	protein kinase	AMPK AMPK:	5562
242540_at	1.20418935	0.60953176	DNHD1	dynein heavy	C11orf47 CC	144132
203543_s_at	1.52134122	0.29324064	KLF9	Kruppel-like	f: BTEB BTEB1	687
220349_s_at	0.72751186	1.09114721	ENGASE	endo-beta-N-:	DKFZp434P17	64772
210879_s_at	1.24750822	0.57138611	RAB11FIP5	RAB11 family	DKFZp434H01	26056
210306_at	0.7578515	1.06295326	L3MBTL	l(3)mbt-like	(L DKFZp586P15	26013
227638_at	1.76294176	0.05804414	KIAA1632	KIAA1632	DKFZp667P23	57724
235469_at	1.2879656	0.53328682	FAM133B	family with se	MGC40405	257415
235226_at	1.65409958	0.16870109	CDC2L6	cell division	cy CDK11 KIAA1	23097
220760_x_at	0.80690657	1.01880265	ZNF665	zinc finger prc	FLJ14345 ZFP	79788
214722_at	0.92851217	0.89809576	NOTCH2NL	Notch homolo	c N2N	388677
235595_at	1.11252364	0.71687599	ARHGEF2	Rho/Rac guan	DKFZp547L10	9181
229127_at	-0.38590033	2.21876595	JAM2	junctional adh	C21orf43 CD:	58494
213861_s_at	1.16558892	0.6684709	FAM119B	family with se	DKFZp586D09	25895
204269_at	1.58651351	0.24845823	PIM2	pim-2 oncoge	-	11040
215920_s_at	1.36738718	0.46771925	PDXDC2	pyridoxal-dep	FLJ23482	283970
231263_at	1.61961194	0.21763187	C6orf81	chromosome	FLJ25390	221481
202670_at	1.23852721	0.60070933	MAP2K1	mitogen-activ	MAPKK1 MEK	5604
222890_at	0.93319985	0.90688868	CCDC113	coiled-coil dor	DKFZp434N14	29070
1559097_at	0.84396396	0.99717951	C14orf64	chromosome -		388011
1556053_at	0.70762623	1.13729127	DNAJC7	DnaJ (Hsp40)	DJ11 DJC7 TF	7266
242313_at	2.00510717	-0.15360784	LOC728730	hypothetical	L -	728730
226811_at	1.94516588	-0.09076795	FAM46C	family with se	FLJ20202	54855
205547_s_at	0.8069308	1.05038172	TAGLN	transgelin	DKFZp686B01	6876
230939_at	1.857801	0	LOC10013181	NA	NA NA	
224456_s_at	0.78158579	1.07626638	MGC12982	hypothetical	γ -	84793
206036_s_at	1.04847853	0.81200128	REL	v-rel reticuloe	C-Rel	5966
209495_at	1.23243714	0.62822524	CEP250	centrosomal	γ C-NAP1 CEP2	11190
228757_at	1.77931929	0.08152408	HSD11B1L	hydroxysteroid	SCDR10	374875
1559045_at	1.52638549	0.33642684	LOC10012828	hypothetical	γ -	100128288
204465_s_at	0.22773223	1.64039476	INA	internexin nei	FLJ18662 FLJ:	9118
202686_s_at	1.87155496	0	AXL	AXL receptor	!JTK11 UFO	558
229882_at	0.91320144	0.95840433	RPS15A	ribosomal pro	FLJ27457 MG	6210

234562_x_at	0.59071398	1.28146972	LOC728678	NA	NA	NA
244370_at	1.50178876	0.37063666	KIAA2022	KIAA2022	-	340533
240185_at	2.07847324	-0.20344405	LOC10014777	hypothetical L	FLJ42974	100147773
1556062_at	0.23490854	1.64038616	RPP30	ribonuclease I	FLJ38491 TSG	10556
209240_at	1.04677321	0.82902813	OGT	O-linked N-ac	FLJ23071 HRF	8473
209017_s_at	1.16322027	0.71454004	LONP1	lon peptidase	LON LONP Lc	9361
229422_at	1.21877959	0.66063064	NRD1	nardilysin (N-ε	hNRD1 hNRD	4898
200827_at	1.23820295	0.64149839	PLOD1	procollagen-ly	FLJ42041 LH	5351
1555834_at	0.85439764	1.02580821	UCHL1	ubiquitin carb	PARK5 PGP9.	7345
238982_at	0.81916652	1.06140129	DENR	density-regula	DRP DRP1 SN	8562
212873_at	0.79826651	1.0826138	HMHA1	histocompatit	HA-1 HLA-HA	23526
205344_at	0.93271457	0.94843822	CSPG5	chondroitin su	MGC44034 N	10675
239398_at	1.10272524	0.77872706	KLHL31	kelch-like 31 (	BKLHD6 KBTE	401265
228816_at	1.23078384	0.65070733	ATP6AP1L	ATPase, H+ tr	MGC138396	92270
230142_s_at	0.80578256	1.07578249	CIRBP	cold inducible	CIRP	1153
216044_x_at	0.94059334	0.94256211	FAM69A	family with se	FLJ23493	388650
216957_at	1.83292925	0.05235105	USP22	ubiquitin spec	KIAA1063 USI	23326
227192_at	1.01776828	0.87309442	PRRT2	proline-rich tr	DKFZp547J19	112476
232816_s_at	0.98442645	0.90670323	DDX11	DEAD/H (Asp-	CHL1 CHLR1	1663
202118_s_at	1.44422357	0.44776694	CPNE3	copine III	CPN3 KIAA06	8895
232794_at	1.40512279	0.48754153	LOC153682	hypothetical p	-	153682
206516_at	0.30702872	1.58686079	AMH	anti-Mullerian	MIF MIS	268
229528_at	0.82725925	1.06901111	LOC283378	hypothetical p	-	283378
239383_at	-0.03564495	1.93224128	RNF115	ring finger prc	BCA2 ZNF364	27246
227037_at	1.78902046	0.1081013	PLD6	phospholipase	-	201164
236134_at	0.51164477	1.38672349	DCAF7	DDB1 and CUI	AN11 HAN11	10238
218002_s_at	-0.71340442	2.61320043	CXCL14	chemokine (C-	BMAC BRAK	9547
231886_at	0.74951559	1.15139502	DKFZP434B20	similar to hyp	DKFZp434B20	642780
239754_at	2.30439569	-0.40228465	NCRNA00188	non-protein c	C17orf45 FLJ	125144
209956_s_at	0.68307809	1.21936845	CAMK2B	calcium/calmo	CAM2 CAMK	816
233011_at	0.11631534	1.78614096	ANXA1	annexin A1	ANX1 LPC1	301
223632_s_at	1.98897061	-0.0864724	BCAN	brevican	BEHAB CSPG	63827
231472_at	1.35769671	0.5458924	FBXO15	F-box protein	FBX15 MGC3	201456
228788_at	1.41600918	0.48822163	YPEL1	yippee-like 1 (	FKSG3 MGC6	29799
223818_s_at	1.48833043	0.41674186	RSF1	remodeling ar	HBXAP RSF-1	51773
235569_at	1.52691913	0.38057254	VPS37D	vacuolar prot	MGC35352 M	155382
1554348_s_at	2.05503918	-0.14514653	CDKN2AIPNL	CDKN2A inter	MGC13017	91368
1555007_s_at	2.32967018	-0.41827993	WDR66	WD repeat do	FLJ39783 MG	144406
222916_s_at	1.01693982	0.89487877	HDLBP	high density li	FLJ16432 HBF	3069
235948_at	1.90816178	0.00674117	RIMKLA	ribosomal mo	FAM80A MGC	284716
204294_at	1.18921498	0.72629509	AMT	aminomethylt	GCE GCST GC	275
229820_at	1.91636705	0	LOC440993	hypothetical L	-	440993
226464_at	1.16116437	0.75644837	C3orf58	chromosome	DIA1 MGC33	205428
232071_at	0.94853428	0.9729712	MRPL19	mitochondrial	KIAA0104 L1	9801
241751_at	0.30732283	1.61569023	OFD1	oral-facial-digi	71-7A CXorf5	8481
227185_at	0.52490084	1.40198604	LOC643988	hypothetical L	-	643988
223362_s_at	0.6572196	1.26966806	3-Sep	septin 3	MGC133218	55964
225904_at	1.48971389	0.4411161	C1orf96	chromosome	FLJ37296 FLJ	126731

224605_at	1.5668629	0.36593368	C4orf3	chromosome -	401152
202856_s_at	0	1.93288309	SLC16A3	solute carrier MCT3 MCT4	9123
208914_at	0.98792221	0.94540742	GGA2	golgi associat FLJ20966 KIA	23062
235526_at	0.6231914	1.31340965	C11orf58	chromosome DKFZp686N02	10944
224646_x_at	1.93678751	0	H19	H19, imprinte ASM ASM1 B	283120
238439_at	1.93786684	0	ANKRD22	ankyrin repea MGC22805	118932
223784_at	1.51167503	0.42839872	TMEM27	transmembra NX-17 NX17	57393
218821_at	0.9862488	0.95568941	NPEPL1	aminopeptida FLJ11583 FLJ	79716
218031_s_at	1.59391733	0.34852378	FOXN3	forkhead box C14orf116 C1	1112
226977_at	1.37855143	0.5644604	C5orf53	chromosome IGIP	492311
40020_at	0.79566469	1.14743528	CELSR3	cadherin, EGF CDHF11 EGFL	1951
226201_at	1.00032723	0.94384312	DOT1L	DOT1-like, his DKFZp586P18	84444
1560741_at	0.79035037	1.15504431	SNRPN	small nuclear DKFZp686C09	6638
1555247_a_at	1.15766002	0.78870977	RAPGEF6	Rap guanine n DKFZp667N08	51735
203863_at	0.66740785	1.2793892	ACTN2	actinin, alpha CMD1AA	88
202328_s_at	1.10750606	0.83930236	PKD1	polycystic kidr PBP Pc-1 TRF	5310
1554501_at	1.14828418	0.80046751	TSC22D4	TSC22 domair THG-1 THG1	81628
235405_at	0.79746718	1.15147722	GSTA4	glutathione S- DKFZp686D21	2941
230847_at	1.83052316	0.12218607	WRNIP1	Werner helica FLJ22526 RP1	56897
243880_at	2.1993764	-0.24486588	GOSR2	golgi SNAP rec Bos1 GS27	9570
204268_at	0.27735356	1.67802858	S100A2	S100 calcium CAN19 MGC1	6273
241366_at	0.32970478	1.62610164	RBAK	RB-associated ZNF769	57786
221830_at	1.70926759	0.24700042	RAP2A	RAP2A, memt K-REV KREV I	5911
204117_at	0.81028413	1.14750292	PREP	prolyl endope MGC16060 P	5550
208498_s_at	0.733276	1.22478783	AMY1A	amylase, alph. AMY1 AMY1E	276
227775_at	1.7634698	0.19467304	BRUNOL6	bruno-like 6, F CELF6	60677
226912_at	1.05511361	0.90465454	ZDHHC23	zinc finger, D- MGC42530 N	254887
244132_x_at	0.79665403	1.16409523	ZNF518A	zinc finger prc DKFZp781O21	9849
213679_at	1.27768682	0.68448879	TTC30A	tetratricopept FLJ13946 FLJ	92104
236022_at	1.09006751	0.87435804	MYO19	myosin XIX FLJ22865 MY	80179
214060_at	1.35456386	0.61104875	SSBP1	single-strande SSBP	6742
1563426_a_at	1.12794843	0.83822773	LOC644613	hypothetical p-	644613
212921_at	0.040326	1.92599892	SMYD2	SET and MYNI HSKM-B KMT	56950
207188_at	1.96750191	0	CDK3	cyclin-depend -	1018
212019_at	1.66592778	0.30327123	RSL1D1	ribosomal L1 c CSIG DKFZP5t	26156
229103_at	0.07569732	1.8936797	WNT3	wingless-type INT4 MGC13	7473
208886_at	1.53231107	0.44160517	H1FO	H1 histone far H10 H1FV M	3005
210282_at	1.19035706	0.7855796	ZMYM2	zinc finger, M' FIM MYM RA	7750
223005_s_at	1.48747406	0.48906826	C9orf5	chromosome CG-2 CG2 FLJ	23731
213341_at	1.34664803	0.63071321	FEM1C	fem-1 homolc EUROIMAGE6	56929
1555980_a_at	0.780571	1.19835693	FLJ39609	similar to hCG -	100130417
235412_at	1.82599411	0.15454947	ARHGEF7	Rho guanine r BETA-PIX COC	8874
228411_at	1.01200282	0.96967202	PAR3B	par-3 partitior ALS2CR19 M	117583
215296_at	0.54633914	1.43935714	CDC42BPA	CDC42 binding DKFZp686L17	8476
1560779_a_at	1.21184404	0.77527391	LOC653284	NA NA NA	
244822_at	1.10861706	0.87894513	GART	phosphoribos AIRS GARS G	2618
235829_at	1.90200747	0.08646373	LOC10012840	NA NA NA	
236107_at	0.85079191	1.13781914	UBE2Z	ubiquitin-conj FLJ13855 HO'	65264

210086_at	-0.13759007	2.12657185	HR	hairless homo	ALUNC AU FI	55806
227622_at	1.56549383	0.42586744	PCF11	PCF11, cleava	KIAA0824	51585
209984_at	1.40645271	0.58660126	KDM4C	lysine (K)-spec	FLJ25949 GA	23081
1557685_at	0.61840033	1.37585929	C4orf38	chromosome	FLJ30277 FLJ	152641
81737_at	0.91100229	1.08347667	NPIPL3	nuclear pore c	FLJ17456 FLJ	23117
202500_at	1.43453238	0.56297021	DNAJB2	DnaJ (Hsp40)	HSJ1 HSPF3	3300
239769_at	2.17284418	-0.17472443	CDH11	cadherin 11, t	CAD11 CDHO	1009
1560703_at	0.62444569	1.37593675	C17orf108	chromosome	HSD24	201229
230272_at	1.25008875	0.75062136	LOC645323	hypothetical L-		645323
236059_at	1.3830406	0.62350711	UNQ565	IGYY565	LOC10013042	100130428
226808_at	1.05146776	0.95872126	ZNF862	zinc finger prc	FLJ30362 KIA	643641
232282_at	0.65059333	1.36359267	WNK3	WNK lysine de	KIAA1566 PRI	65267
214747_at	0.52203831	1.49217181	ZBED4	zinc finger, BE-		9889
230516_at	0.92115163	1.09350112	C7orf30	chromosome -		115416
242428_at	0.73656054	1.28121564	DCUN1D1	DCN1, defecti	DCUN1L1 RP	54165
238070_at	0.48495842	1.53449053	CHD1L	chromodomai	ALC1 CHDL F	9557
219505_at	2.01209995	0.00869979	CECR1	cat eye syndrc	ADGF IDGFL	51816
205802_at	1.18660741	0.83505992	TRPC1	transient rece	HTRP-1 MGC	7220
242669_at	0.99248977	1.0344275	UFM1	ubiquitin-fold	BM-002 C13c	51569
244751_at	1.78858819	0.23860362	PCP2	Purkinje cell p	DKFZp686M0	126006
228749_at	1.34344176	0.68472258	ZDBF2	zinc finger, DE	FLJ45338 KIA	57683
221031_s_at	1.4985195	0.53000141	APOLD1	apolipoprotei	DKFZp434F03	81575
226728_at	1.30801219	0.72086135	SLC27A1	solute carrier	ACSVL5 FATP	376497
209076_s_at	1.15845181	0.88316562	WDR45L	WDR45-like	WIPI-3 WIPI3	56270
205774_at	1.78164942	0.26256589	F12	coagulation fa	HAE3 HAEX F	2161
203516_at	1.88240703	0.16384701	SNTA1	syntrophin, al	LQT12 SNT1	6640
228968_at	1.75672843	0.29016227	ZNF449	zinc finger prc	FLJ23614 ZSC	203523
221273_s_at	0.6558095	1.39191136	RNF208	ring finger prc	DKFZp761H17	727800
229871_at	0.38574059	1.66268089	SAMD4B	sterile alpha n	FLJ10211 MG	55095
221479_s_at	1.15629396	0.89221125	BNIP3L	BCL2/adenovi	BNIP3a NIX	665
239193_at	0.22372384	1.82582832	FUBP3	far upstream	FBP3 FLJ2522	8939
219236_at	0.34605562	1.70360865	PAQR6	progesterin and	FLJ22672	79957
220221_at	0.61941301	1.43029469	VPS13D	vacuolar prot	FLJ23066	55187
244871_s_at	0.53798595	1.51377412	USP32	ubiquitin spec	NY-REN-60 U	84669
220576_at	0.50568865	1.5481533	PGAP1	post-GPI attac	Bst1 FLJ4277	80055
221191_at	0.81645594	1.23999294	STAG3L1	stromal antig	DKFZp434A01	54441
201272_at	2.36798595	-0.31081247	AKR1B1	aldo-keto red	ADR ALDR1 /	231
216307_at	2.06765722	-0.00568154	DGKB	diacylglycerol	DAGK2 DGK	1607
229517_at	2.54205449	-0.47437415	PTPDC1	protein tyrosi	FLJ42922 PTP	138639
200904_at	1.37710867	0.69135596	HLA-E	major histoco	DKFZp686P19	3133
225899_x_at	1.01241648	1.05803439	LOC10013318	hypothetical p-		100133182
209894_at	1.13250511	0.93800439	LEPR	leptin recepto	CD295 OBR	3953
204730_at	1.32590653	0.74812243	RIMS3	regulating syn	KIAA0237 NIM	9783
235328_at	0.658401	1.41662132	PLXNC1	plexin C1	CD232 PLXN-	10154
225033_at	0.91753669	1.1586459	ST3GAL1	ST3 beta-gala	DKFZp666E03	6482
1560145_at	0.91122897	1.16540417	MKLN1	muskelin 1, in	FLJ11162 TW	4289
219327_s_at	0.92491335	1.1527677	GPRC5C	G protein-cou	MGC131820	55890
220399_at	1.79624155	0.28231158	NCRNA00115	non-protein c	FLJ22639	79854

238207_at	2.05193523	0.02864228	LOC440957	similar to CG3-	440957
236241_at	1.06095425	1.02175466	MED31	mediator com 3110004H13R	51003
1562391_at	0.61810748	1.46471838	B3GALNT2	beta-1,3-N-ac B3GalNAc-T2	148789
238295_at	1.07379663	1.00972915	C17orf42	chromosome FLJ22729 MG	79736
1556597_a_at	1.21345498	0.87198105	LOC284513	hypothetical p-	284513
221919_at	0.93596334	1.14963348	HNRNPA1	heterogeneous HNRPA1 MGC	3178
213364_s_at	1.00982192	1.07777395	SNX1	sorting nexin :HsT17379 MGC	6642
206213_at	1.73477031	0.35689041	WNT10B	wingless-type SHFM6 WNT-	7480
210280_at	2.08918067	0.00316934	MPZ	myelin proteir CHM CMT1 C	4359
206548_at	-0.2162793	2.31001992	hCG_1776259	NA NA NA	
1564639_at	0.87156983	1.22324261	LOC389906	similar to Seri -	389906
1566152_a_at	2.09606533	0	CLP1	CLP1, cleavage HEAB hClp1	10978
35617_at	0.91368366	1.1842283	MAPK7	mitogen-activ BMK1 ERK4 f	5598
202014_at	1.62364373	0.47608575	PPP1R15A	protein phosph GADD34	23645
238631_at	1.00442111	1.09557186	ZNF140	zinc finger prc pHZ-39	7699
226425_at	1.84867403	0.25512858	CLIP4	CAP-GLY dom: FLJ21069 FLJ:	79745
211600_at	0.81482855	1.28936369	PTPRO	protein tyrosin GLEPP1 PTP-l	5800
232311_at	1.34894428	0.75618487	B2M	beta-2-microg-	567
215201_at	0.97989703	1.12554698	REPS1	RALBP1 assoc RALBP1	85021
224763_at	1.78878435	0.31803969	RPL37	ribosomal pro DKFZp686G16	6167
235536_at	1.72059769	0.38688269	RNF149	ring finger prc DNAPT2 FLJ:	284996
242426_at	2.51840861	-0.40873265	NRG4	neuregulin 4 DKFZp779N05	145957
227223_at	1.33690791	0.77465016	RBM39	RNA binding n CAPER CAPER	9584
201538_s_at	2.144053	-0.03120163	DUSP3	dual specificit VHR	1845
230076_at	1.88178934	0.23511001	PITPNM3	PITPNM famil: CORD5 MGC1	83394
221203_s_at	1.33203942	0.78522405	YEATS2	YEATS domair FLJ10201 FLJ:	55689
210486_at	1.21674876	0.9022162	ANKMY1	ankyrin repea DKFZp686D20	51281
221406_s_at	1.32615079	0.79309157	MSH5	mutS homoloq DKFZp434C16	4439
204243_at	1.09828565	1.02144978	RLF	rearranged L-r MGC142226 :	6018
229065_at	1.59329558	0.52707725	SLC35F3	solute carrier FLJ37712	148641
201625_s_at	2.16134943	-0.04058027	INSIG1	insulin induce CL-6 CL6 MGC	3638
226730_s_at	1.09202745	1.02955606	USP37	ubiquitin spec KIAA1594 MGC	57695
226210_s_at	0.39447163	1.7277458	MEG3	maternally ex  FLJ31163 FLJ:	55384
208763_s_at	1.55472226	0.56821518	TSC22D3	TSC22 domair DIP DKFZp31:	1831
207394_at	1.79565635	0.33191791	ZNF137	zinc finger prc MGC119990	7696
1560081_at	1.19635631	0.93158339	LOC90408	NA NA NA	
235737_at	2.66233879	-0.53244918	TSLP	thymic stroma:	85480
231202_at	1.62625478	0.50748434	ALDH1L2	aldehyde dehy DKFZp686A16	160428
230815_at	1.34773402	0.78827502	LOC389765	kinesin family -	389765
1554250_s_at	0.91634237	1.2265966	TRIM73	tripartite mot MGC45477 TI	375593
1563533_at	0.58994957	1.55455338	GADL1	glutamate dec MGC138191	339896
225839_at	1.08363829	1.06133464	RBM33	RNA binding n DKFZp434D13	155435
214482_at	1.49880028	0.64819113	ZBTB25	zinc finger anc KUP ZNF46	7597
219848_s_at	1.45222088	0.69564216	ZNF432	zinc finger prc-	9668
237058_x_at	0.28694223	1.86177801	SLC6A13	solute carrier GAT-2 GAT2	6540
209430_at	1.39300963	0.75585655	BTAF1	BTAF1 RNA pc KIAA0940 MGC	9044
225717_at	1.54956403	0.6007356	KIAA1715	KIAA1715 DKFZp686G14	80856
1553227_s_at	1.02892198	1.12211219	BRWD1	bromodomair C21orf107 FL	54014

215248_at	1.77678017	0.37570596	GRB10	growth factor GRB-IR Grb-1	2887
242956_at	1.57501972	0.58004613	IDH1	isocitrate dehydrogenase 1 IDH IDF	3417
203574_at	1.97233828	0.18393257	NFIL3	nuclear factor E4BP4 IL3BP1	4783
220609_at	0.49923391	1.6577075	LOC202181	hypothetical protein FLJ11561	202181
221813_at	1.46354487	0.69530047	FBXO42	F-box protein Fbx42 KIAA1323	54455
218858_at	2.20490478	-0.04566106	DEPDC6	DEP domain containing 6 DEPTO	64798
235298_at	0.79964514	1.36312972	WDR27	WD repeat domain 27 MGC43690	253769
238593_at	0.76040622	1.40447655	C11orf80	chromosome 11 open reading frame 80	79703
228940_at	1.5764924	0.59040291	LOC727762	NA NA NA	
214945_at	2.16787742	0	FAM153B	family with sequence similarity 153B DKFZp434D11	202134
212192_at	0.72943649	1.43981742	KCTD12	potassium channel family class C member 12 C13orf2 FLJ32323	115207
206561_s_at	3.51717487	-1.34019424	AKR1B10	aldo-keto reductase 1B10 AKR1B11 AKF	57016
205807_s_at	1.34450899	0.8327569	TUFT1	tuftelin 1	7286
1565786_x_at	0.77140445	1.40634859	FLJ45482	hypothetical protein FLJ45482	645566
1556088_at	0.92433578	1.25758863	RPAIN	RPA interacting protein 1 FLJ25625 FLJ25626	84268
234133_s_at	1.57856652	0.60341846	LOC728543	hypothetical protein FLJ28543	728543
204745_x_at	2.34354811	-0.16126983	MT1G	metallothionein 1G MGC12386 MT1G	4495
238825_at	1.69438185	0.48846316	ACRC	acidic repeat containing 1 NAAR1	93953
225529_at	1.15690474	1.0270834	ACAP3	ArfGAP with C-terminal domain 3 CENTB5 KIAA	116983
230166_at	1.42588819	0.75875804	KIAA1958	KIAA1958 FLJ39294 MGC12386	158405
1561206_at	0.07530328	2.10949374	KLHL8	kelch-like 8 (D) FLJ46304 KIAA1958	57563
1559881_s_at	1.536166	0.65042019	ZNF12	zinc finger protein 12 GIOT-3 HZF11	7559
1552508_at	1.73553788	0.46089873	KCNE4	potassium voltage-gated channel accessory subunit 4 MGC20353 KCNK10	23704
215819_s_at	2.20791447	-0.01093401	RHCE	Rh blood group system C240CE MGC12386	6006
236140_at	1.46569321	0.7353708	GCLM	glutamate-cysteine ligase modifier 1 GLCLR	2730
205976_at	1.5461184	0.65535473	FASTKD2	FAST kinase domain 2 KIAA0971	22868
201037_at	1.26030692	0.94855111	PFKP	phosphofructokinase 1 FLJ40226 PFKFB1	5214
235369_at	1.37859741	0.83070333	C14orf28	chromosome 14 open reading frame 28 DRIP1 c14orf28	122525
212642_s_at	1.54910125	0.66254304	HIVEP2	human immunodeficiency virus type 1 envelope protein 2 MBP	3097
215985_at	1.34912741	0.86664838	HCG8	HLA complex class II alpha chain 8 HCGVIII HCGVIII	80869
227751_at	1.54032089	0.68159249	PDCD5	programmed cell death 5 MGC9294 TFEB	9141
213353_at	1.86009559	0.36182456	ABCA5	ATP-binding cassette subfamily A member 5 ABC13 DKFZp	23461
235205_at	1.70451659	0.51821459	LOC346887	similar to LOC346887	346887
202478_at	2.11592807	0.11254154	TRIB2	tribbles homolog 2 C5FW FLJ574	28951
200953_s_at	1.71234405	0.5204607	CCND2	cyclin D2 KIAK0002 MGC12386	894
213380_x_at	1.28632512	0.95474311	MSTP9	macrophage scavenger receptor 9 D1F15S1A MGC12386	11223
207992_s_at	2.22479557	0.01763632	AMPD3	adenosine monophosphate deaminase 3	272
202957_at	2.34851263	-0.10570505	HCLS1	hematopoietic cell stem factor 1 CTTNL HS1	3059
238096_at	1.49264234	0.7504524	LOC284023	hypothetical protein FLJ284023	284023
213689_x_at	1.9737581	0.26976911	RPL5	ribosomal protein L5 DBA6 MGC11	6125
236924_at	0.99636479	1.24801294	GLMN	glomulin, FKBP FAP FAP48 FAP49	11146
207987_s_at	0.97145319	1.27329345	GNRH1	gonadotropin-releasing hormone 1 GNRH GRH L	2796
229227_at	1.67697391	0.57138072	FLJ45244	hypothetical protein FLJ45244	400242
212366_at	1.39005154	0.85941018	ZNF292	zinc finger protein 292 FLJ13564 FLJ13565	23036
216320_x_at	1.95529503	0.29810848	MST1	macrophage scavenger receptor 1 D3F15S2 DNF	4485
227074_at	1.22191444	1.03463007	LOC10013156	hypothetical protein FLJ10013156	100131564
229765_at	0.58365494	1.67301835	ZNF207	zinc finger protein 207 DKFZp761N2C	7756
221567_at	1.62745057	0.63303568	NOL3	nucleolar protein 3 ARC CARD2 P	8996

214241_at	1.18669201	1.07610516	NDUFB8	NADH dehydr	ASHI CI-ASHI	4714
215109_at	0.76401163	1.50169862	KIAA0492	NA	NA NA NA	
210169_at	2.268344	0	SEC14L5	SEC14-like 5	(S. KIAA0420 PRI	9717
209315_at	0.67971853	1.58912125	HBS1L	HBS1-like	(S. c DKFZp686L13	10767
223836_at	1.81957852	0.45092491	FGFBP2	fibroblast gro	HBP17RP KSP	83888
218486_at	1.12987586	1.14466078	KLF11	Kruppel-like f	KLF FKLF1 N	8462
231989_s_at	1.74137392	0.53900211	LOC641298	SMG1 homolo	c DKFZp547E08	641298
206254_at	1.92920748	0.35164947	EGF	epidermal gro	HOMG4 URG	1950
202157_s_at	-0.00987051	2.29302224	CUGBP2	CUG triplet re	BRUNOL3 ETf	10659
226390_at	1.95876392	0.3277058	STARD4	StAR-related	I -	134429
217610_at	0.94277711	1.34384791	POLR2J4	polymerase	(FMGC13098 R	84820
221064_s_at	1.83774637	0.45188597	UNKL	unkempt hom	C16orf28 FLJ:	64718
207302_at	2.2901538	0	SGCG	sarcoglycan,	g A4 DAGA4 DI	6445
243496_at	0.99756927	1.29587165	RAB18	RAB18, memt	RAB18LI1	22931
223423_at	2.08712984	0.20698045	GPR160	G protein-cou	GPCR1 GPCR:	26996
222310_at	0.92997337	1.36443278	SFRS15	splicing factor	DKFZp434E09	57466
1554274_a_at	1.81060788	0.48424848	SSH1	slingshot hom	FLJ21928 FLJ:	54434
207115_x_at	1.41115878	0.8840437	MBTD1	mbt domain c	FLJ20055 FLJ:	54799
204955_at	1.8454486	0.45098875	SRPX	sushi-repeat-c	DRS ETX1 SR	8406
241793_at	0.45603223	1.84056024	ZMYND17	zinc finger,	M' FLJ39565	118490
220234_at	2.25315462	0.04656311	CA8	carbonic anhy	CA-VIII CALs	767
1557366_at	2.20642744	0.09557032	CCDC144C	coiled-coil dor	KIAA0565	348254
229246_at	0.99108355	1.3133912	FLJ44342	hypothetical	L -	645460
223195_s_at	1.94249227	0.36331278	SESN2	sestrin 2	DKFZp761M0:	83667
222245_s_at	1.64353076	0.66303174	FER1L4	fer-1-like 4	(C. C20orf124 Df	80307
201188_s_at	1.37009345	0.93709072	ITPR3	inositol 1,4,5-	FLJ36205 IP3I	3710
236649_at	1.31557036	0.99449366	DTWD1	DTW domain	(MDS009 MG(	56986
239241_at	1.56727016	0.74286905	LOC727869	hypothetical	L -	727869
232020_at	1.49961617	0.81053566	SMURF2	SMAD specific	DKFZp686F02	64750
219888_at	2.39585503	-0.08519841	SPAG4	sperm associa	-	6676
221314_at	2.26517785	0.046108	GDF9	growth differe	-	2661
221610_s_at	1.84666982	0.4682687	STAP2	signal transdu	BKS FLJ20234	55620
227129_x_at	1.17884968	1.1368219	tcag7.907	hypothetical	L FLJ45340 FLJ:	402483
214755_at	1.67056594	0.64578708	UAP1L1	UDP-N-acteyl	ξ-	91373
228455_at	0.97696447	1.34027613	RBM15	RNA binding n	FLJ12479 FLJ:	64783
1559739_at	1.03367148	1.28696926	CHPT1	choline phosp	CPT CPT1	56994
238540_at	1.38017598	0.94253548	LOC401320	hypothetical	L -	401320
1562775_at	1.60364019	0.72425256	NUDT12	nudix (nucleo:	DKFZp761I17:	83594
240452_at	0.20522652	2.12411404	GSPT1	G1 to S phase	551G9.2 ETF:	2935
209055_s_at	1.77565764	0.55419381	CDC5L	CDC5 cell divi:	CDC5-LIKE CE	988
217257_at	1.56306433	0.77409961	SH3BP2	SH3-domain b	3BP2 CRBM c	6452
1555363_s_at	2.28857321	0.05402623	LOC284440	hypothetical	L FLJ12356 MG	284440
1568834_s_at	1.04372013	1.29910643	CCDC90B	coiled-coil dor	MDS011 MD:	60492
235365_at	1.48523598	0.85995703	DFNB59	deafness, aut	c PJK	494513
205109_s_at	0.19975884	2.14595527	ARHGEF4	Rho guanine r	ASEF ASEF1 C	50649
204483_at	1.49875505	0.85050407	ENO3	enolase 3	(bet GSD13 MSE	2027
240383_at	1.20185371	1.14833522	UBE2D3	ubiquitin-conj	E2(17)KB3 M:	7323
214132_at	1.5114633	0.84233365	ATP5C1	ATP synthase,	ATP5C ATP5C	509



200784_s_at	2.06743698	0.29171702	LRP1	low density lipoprotein receptor	4035
229694_at	1.241938	1.11785302	BRWD2	bromodomain containing protein	55717
212384_at	1.0746291	1.28776511	BAT1	HLA-B associated protein	7919
226382_at	1.28181914	1.08201669	LOC283070	hypothetical protein	283070
1557350_at	1.1505201	1.21440011	G3BP1	GTPase activating protein	10146
207682_s_at	2.37053488		KIF25	kinesin family member	3834
231164_at	1.9096247	0.46156202	ABCA17P	ATP-binding cassette transporter	650655
232055_at	1.18329423	1.19328733	SFXN1	sideroflexin 1	94081
200637_s_at	1.59474407	0.7843384	PTPRF	protein tyrosine phosphatase	5792
219400_at	1.70446475	0.68182279	CNTNAP1	contactin associated protein	8506
201251_at	1.01887989	1.36841211	PKM2	pyruvate kinase	5315
235927_at	1.00106581	1.38845367	XPO1	exportin 1	7514
222217_s_at	0.93197649	1.46324538	SLC27A3	solute carrier	11000
219165_at	1.55072825	0.84595131	PDLIM2	PDZ and LIM domain protein	64236
1558334_a_at	1.62910765	0.7724483	C22orf15	chromosome 22 open reading frame	150248
236448_at	2.40259295		UNC5A	unc-5 homolog	90249
203592_s_at	0.88846524	1.51755156	FSTL3	follistatin-like protein	10272
1552678_a_at	1.72702712	0.68115099	USP28	ubiquitin specific protease	57646
210896_s_at	1.97257145	0.43667879	ASPH	aspartate beta-lyase	444
214608_s_at	0.66267699	1.74724078	EYA1	eyes absent homolog	2138
213844_at	1.27927282	1.13093574	HOXA5	homeobox A5	3202
221935_s_at	1.97477862	0.43770726	C3orf64	chromosome 3 open reading frame	285203
224482_s_at	2.41253526		RAB11FIP4	RAB11 family interacting protein	84440
232553_at	2.40035785	0.01711843	PCYT1B	phosphate cytidylyltransferase	9468
1557987_at	1.2062773	1.21439642	LOC641298	SMG1 homolog	641298
237107_at	1.40135768	1.02328106	PRKRA	protein kinase	8575
238763_at	1.57144208	0.85510996	RBM20	RNA binding motif protein	282996
242443_at	-0.03250214	2.46415472	EML5	echinoderm microtubule	161436
234989_at	0.52110033	1.91126651	NEAT1	nuclear paraspeckle	283131
225282_at	1.46049985	0.97232032	SMAP2	small ArfGAP2	64744
214682_at	1.08762997	1.35616549	LOC399491	GPS, PLAT associated protein	399491
222791_at	1.48379737	0.96591644	RSBN1	round spermatid protein	54665
221103_s_at	0.92356155	1.53384834	WDR52	WD repeat domain	55779
244070_at	2.77513298	-0.31471109	SYNE1	spectrin repeat containing	23345
230375_at	0.4727989	1.99550257	SFRS18	splicing factor	25957
230337_at	0.89532953	1.5775446	SOS1	son of sevenless	6654
232968_at	2.44539406	0.03121175	FANK1	fibronectin type III domain	92565
202497_x_at	2.94193767	-0.46137579	SLC2A3	solute carrier	6515
214226_at	1.743592	0.73836583	POL3S	polymerase 3	339105
232489_at	1.02987361	1.45302133	CCDC76	coiled-coil domain containing	54482
222536_s_at	1.74640075	0.74098529	ZNF395	zinc finger protein	55893
206487_at	1.0543128	1.43783521	UNC84A	unc-84 homolog	23353
227099_s_at	1.55808819	0.93421783	LOC387763	hypothetical protein	387763
1557562_at	0.70618708	1.78633473	GRIPAP1	GRIP1 associated protein	56850
1570130_at	1.17803214	1.3211482	SPATS2	spermatogenesis associated	65244
230904_at	1.31259981	1.18696893	FSD1L	fibronectin type III domain	83856
232000_at	1.68436881	0.81792485	TTC39B	tetratricopeptide repeat	158219
232889_at	0.74502663	1.76219318	GUSBP1	glucuronidase	153561

244046_at	1.16728668	1.34209587	URG4	up-regulated {	DKFZp666G16	55665
235729_at	1.28704328	1.223337	ZNF514	zinc finger prc	MGC126229	84874
231786_at	2.51078066	0	HOXA13	homeobox A1	HOX1 HOX1J	3209
214058_at	1.98606089	0.52517619	MYCL1	v-myc myeloc	LMYC MYCL	4610
242739_at	1.98458504	0.52863219	C6orf201	chromosome	MGC87625 d.	404220
243581_at	1.44393238	1.0700323	LOC646470	similar to prot-		646470
243173_at	2.55711773	-0.04239566	CABP7	calcium bindir	CALN2 MGC5	164633
223193_x_at	1.48926547	1.02657451	FAM162A	family with se	C3orf28 E2IG	26355
228575_at	2.20758418	0.30930857	IL20RB	interleukin 20	DIRS1 FNDC6	53833
225107_at	1.53327458	0.98639256	HNRNPA2B1	heterogeneou	DKFZp779B02	3181
222413_s_at	1.36373423	1.15970931	MLL3	myeloid/lymp	DKFZp686C08	58508
238996_x_at	1.55655595	0.96761034	ALDOA	aldolase A, fru	ALDA GSD12	226
208109_s_at	0.75749163	1.76698412	C15orf5	chromosome	MGC120146	81698
214481_at	1.82765515	0.69707674	HIST1H2AM	histone cluste	H2A.1 H2A/n	8336
1553185_at	0.86440682	1.66864715	RASEF	RAS and EF-ha	FLJ31614 RAE	158158
221986_s_at	1.97082799	0.56290837	KLHL24	kelch-like 24 (	DRE1 FLJ2579	54800
232529_at	1.05529884	1.48101725	SP3	Sp3 transcript	DKFZp686O16	6670
233480_at	1.27834824	1.2629958	TMEM43	transmembrai	ARVC5 ARVD1	79188
239771_at	1.00420822	1.54463598	CAND1	cullin-associat	DKFZp434M14	55832
232865_at	1.26339578	1.28832073	AFF4	AF4/FMR2 far	AF5Q31 MCE	27125
230229_at	0.94886643	1.6038924	DLG1	discs, large ho	DKFZp761P08	1739
232417_x_at	1.56104498	0.99189082	ZDHHC11	zinc finger, Df	FLJ13153 ZNF	79844
244165_at	0.70478938	1.85699041	C10orf18	chromosome	DKFZp781E19	54906
225573_at	1.58410499	0.97814683	ACAD11	acyl-Coenzym	FLJ12592 MG	84129
221768_at	0.71985123	1.84573801	SFPQ	splicing factor	POMP100 PS	6421
225283_at	1.43293141	1.13562515	ARRDC4	arrestin doma	FLJ36045	91947
215785_s_at	2.69192176	-0.12300456	CYFIP2	cytoplasmic FI	PIR121	26999
1568594_s_at	1.87181526	0.69884632	TRIM52	tripartite mot	MGC16175 R	84851
228358_at	1.76870812	0.8028216	SOX12	SRY (sex deter	SOX22	6666
235060_at	1.22264849	1.35617125	LOC10019098	hypothetical L	FLJ30147 FLJ4	100190986
228754_at	2.22175959	0.3610809	SLC6A6	solute carrier	MGC10619 M	6533
1557239_at	0.03494791	2.55566671	BBX	bobby sox hor	HBP2 HSPC33	56987
219475_at	3.12104959	-0.5288259	OSGIN1	oxidative stre:	BDGI OKL38	29948
224686_x_at	0.97328958	1.62233224	LRR37A2	leucine rich re	FLJ45049	474170
232180_at	1.82862193	0.7710153	UGP2	UDP-glucose r	UDPG UDPGF	7360
1557257_at	2.62002879	-0.00263749	BCL10	B-cell CLL/lym	CARMEN CIPT	8915
204537_s_at	1.32690039	1.29209506	GABRE	gamma-aminc-		2564
236030_at	2.74572282	-0.12596899	RCOR2	REST corepres-		283248
1557352_at	2.02824132	0.59227996	SQLE	squalene epo	FLJ30795	6713
1556049_at	1.05482898	1.58224579	RTN4	reticulon 4	ASY NI220/25	57142
1555862_s_at	2.63996948	-0.00076319	MICALL2	MICAL-like 2	FLJ23471 FLJ4	79778
1557675_at	1.56094514	1.07894106	RAF1	v-raf-1 murine	CRAF NS5 Ra	5894
205174_s_at	2.61036127	0.03142392	QPCT	glutaminy-pe	GCT QC	25797
1568597_at	1.68123178	0.96250928	LOC646762	hypothetical L	FLJ35551	646762
202990_at	1.04406447	1.60578607	PYGL	phosphorylas	GSD6	5836
212492_s_at	1.77256326	0.87831149	KDM4B	lysine (K)-spec	FLJ44906 JMJ	23030
213737_x_at	1.44074883	1.21977587	GOLGA9P	golgi autoanti	FLJ35785	283796
231982_at	2.90699253	-0.24414891	C19orf77	chromosome	HSPC323	284422

221868_at	1.37768393	1.28837829	PAIP2B	poly(A) bindin KIAA1155	400961
235867_at	1.59431919	1.07682348	GSTM3	glutathione S- GST5 GSTB G	2947
1558965_at	1.57776171	1.09824406	PHF21A	PHD finger prc BHC80 BM-0C	51317
210380_s_at	2.52399856	0.15741714	CACNA1G	calcium chanr Ca(V)T.1 Cav:	8913
219957_at	1.46479904	1.23074508	RUFY2	RUN and FYVE FLJ10063 KIA.	55680
235023_at	1.59306206	1.10591526	VPS13C	vacuolar protε DKFZp686E05	54832
215203_at	1.57636021	1.13039386	GOLGA4	golgi autoanti; GCP2 GOLG I	2803
225570_at	1.7367215	0.98168831	SLC41A1	solute carrier MgtE	254428
1557081_at	1.68624026	1.04487486	RBM25	RNA binding n MGC105088	58517
230143_at	1.73851997	0.9928507	RNF165	ring finger prc ARKL2	494470
244659_at	1.66429461	1.06912555	LOC10013101	hypothetical L -	100131015
214614_at	1.0197725	1.71514784	MNX1	motor neuron HB9 HLXB9 H-	3110
222664_at	1.24003605	1.50400248	KCTD15	potassium cha MGC25497 M	79047
208797_s_at	1.5670932	1.18019804	GOLGA8A	golgi autoanti; GM88	23015
242121_at	1.08021977	1.66951075	RNF12 RLIM	ring finger prc DKFZp686N06	51132
219239_s_at	1.40347237	1.34799261	ZNF654	zinc finger prc FLJ10997 FLJ:	55279
1569607_s_at	1.12598116	1.6274591	LOC643187	NA NA NA	
1558062_at	2.77980079	-0.02499042	FBXO10	F-box protein FBX10 FLJ419	26267
230547_at	2.78617381	-0.026827	KCNC1	potassium vol FLJ41162 FLJ:	3746
220289_s_at	2.76900655	-0.00401772	AIM1L	absent in mel; CRYBG2 DKFZ	55057
210656_at	2.13865679	0.626723	EED	embryonic ect HEED WAIT1	8726
206838_at	1.21969159	1.54822416	TBX19	T-box 19 FLJ26302 FLJ:	9095
223494_at	1.35709501	1.41340854	MGEA5	meningioma ε FLJ11229 FLJ:	10724
215067_x_at	1.5812687	1.19054373	PRDX2	peroxiredoxin MGC4104 NK	7001
1559490_at	0.97981427	1.79920174	LRCH3	leucine-rich re FLJ20994 FLJ:	84859
238736_at	1.56027407	1.22482634	REV3L	REV3-like, cat: POLZ REV3	5980
227657_at	1.64314404	1.14570274	RNF150	ring finger prc MGC125502	57484
230885_at	1.30349603	1.48939486	SPG7	spastic parapl CAR CMAR Fl	6687
212286_at	1.8945627	0.90160607	ANKRD12	ankyrin repea ANCO-2 ANCO	23253
238214_at	1.16173634	1.63933245	LRRC69	leucine rich re -	100130742
228480_at	1.11358052	1.68750117	VAPA	VAMP (vesicle MGC3745 VA	9218
213515_x_at	2.80300345	0	HBG2	hemoglobin, ε FLJ76540	3048
213664_at	1.52662926	1.27859519	SLC1A1	solute carrier EAAC1 EAAT3	6505
241954_at	1.15978259	1.65285483	FDFT1	farnesyl-diphc DGPT ERG9 S	2222
236006_s_at	1.34630996	1.46680691	AKAP10	A kinase (PRK/D-AKAP2 MG	11216
223168_at	0.78091659	2.03676432	RHOU	ras homolog g ARHU CDC42	58480
215513_at	0.07079782	2.74841086	HYMAI	hydatidiform i NCRNA00020	57061
214731_at	1.02580381	1.79571506	CTTNBP2NL	CTTNBP2 N-te DKFZp547A02	55917
213593_s_at	1.50763366	1.31641677	TRA2A	transformer 2 HSU53209	29896
208789_at	2.08523166	0.74275328	PTRF	polymerase I : FKSG13 FLJ9C	284119
243020_at	3.3619731	-0.53293232	FAM13A1OS	FAM13A oppc FAM13A1OS	285512
1558212_at	2.81611446	0.0221571	FLJ35024	hypothetical L -	401491
213605_s_at	0.84105221	1.99727936	LOC10027221	hypothetical L FLJ27195	100272216
236270_at	1.37360091	1.46661431	NFATC4	nuclear factor NF-ATc4 NFA:	4776
228613_at	1.08277592	1.75825948	RAB11FIP3	RAB11 family KIAA0665 Ral	9727
1569040_s_at	1.53011363	1.31352934	FLJ40330	hypothetical L DKFZp434J16:	645784
231008_at	2.66369997	0.18356503	UNC5CL	unc-5 homolo MGC34763 Zl	222643
238549_at	1.88505857	0.96315802	CBFA2T2	core-binding f DKFZp313F21	9139

1557065_at	0.27179598	2.57775066	YLPM1	YLP motif con: C14orf170 ZA	56252
210132_at	1.5618612	1.29088553	EFNA3	ephrin-A3 EFL2 EPLG3 E	1944
202364_at	1.69687019	1.16534152	MXI1	MAX interacto: MAD2 MGC4	4601
213212_x_at	1.62423867	1.24036324	LOC440295	Golgi autoanti;-	440295
230462_at	1.45670036	1.41603397	NUMB	numb homolo: S171	8650
238013_at	1.23420811	1.65076799	PLEKHA2	pleckstrin hon: FLJ25921 TAF	59339
236274_at	1.42194	1.47877017	EIF3B	eukaryotic tra: EIF3-ETA EIF3	8662
222662_at	1.88910853	1.01460364	PPP1R3B	protein phosp: FLJ14005 FLJ	79660
213776_at	1.37085634	1.53343026	LOC157562	hypothetical f -	157562
1568780_at	1.38410144	1.52063945	LOC649305	hypothetical L -	649305
215123_at	1.30036293	1.60694266	LOC339047	hypothetical f: KIAA0220	339047
241418_at	2.1495664	0.76722487	LOC344887	similar to hCG -	344887
201295_s_at	2.8824603	0.03892726	WSB1	WD repeat an: SWIP1 WSB-1	26118
239629_at	1.33093929	1.59630594	CFLAR	CASP8 and FA CASH CASP8A	8837
208300_at	3.01105883	-0.07555731	PTPRH	protein tyrosii: FLJ39938 MG	5794
205493_s_at	1.33669308	1.60568586	DPYSL4	dihydropyrimi: CRMP3 DRP-4	10570
214079_at	2.94671789	-0.00264843	DHRS2	dehydrogenas: HEP27 SDR25	10202
225786_at	1.71213955	1.23525656	NCRNA00201	non-protein c: C1orf199 FLJ	284702
206153_at	2.94769234	0	CYP4F11	cytochrome P -	57834
232500_at	1.45094386	1.50616949	RALGAPA2	Ral GTPase ac: AS250 C20orf	57186
235925_at	1.66146938	1.30328648	TCF12	transcription f: HEB HTF4 Hs	6938
227612_at	2.94293625	0.02344799	ELAVL3	ELAV (embryo): DKFZp547J03f	1995
1554703_at	1.62096454	1.35695373	ARHGEF10	Rho guanine r: DKFZp686H07	9639
1553145_at	1.24788583	1.73123944	FLJ39653	hypothetical F -	202020
229514_at	1.26011327	1.72888129	C14orf118	chromosome: FLJ10033 FLJ	55668
239014_at	1.07101537	1.92958674	CCAR1	cell division c: MGC44628 R	55749
213367_at	1.63614784	1.38260614	ZNF783	zinc finger fan: DKFZp667J21.	155060
230505_at	0	3.02281678	LOC145474	hypothetical f -	145474
1565999_at	0	3.03155535	LOC286299	hypothetical f -	286299
207014_at	1.74159487	1.29006221	GABRA2	gamma-aminc: FLJ97076	2555
205559_s_at	2.23627939	0.79592056	PCSK5	proprotein co: PC5 PC6 PC6	5125
241755_at	1.89213587	1.14413882	UQCRC2	ubiquinol-cytc: QCR2 UQCRC2	7385
226344_at	2.09161155	0.95298414	ZMAT1	zinc finger, m: KIAA1789 MC	84460
243851_at	1.45964315	1.59481336	RAB3GAP2	RAB3 GTPase: DKFZp434D24	25782
203438_at	2.0121703	1.04457471	STC2	stanniocalcin : STC-2 STCRP	8614
202481_at	2.79450823	0.2678401	DHRS3	dehydrogenas: RDH17 Rsd1	9249
212912_at	2.07088021	1.01323525	RPS6KA2	ribosomal pro: HU-2 MAPKA	6196
222088_s_at	2.8440141	0.24312147	SLC2A14	solute carrier: DKFZp564K16	144195
231166_at	3.10337482	0.00080056	GPR155	G protein-cou: DEP.7 DEPDC	151556
222380_s_at	1.2569659	1.84875242	PDCD6	programmed : ALG-2 FLJ462	10016
238029_s_at	0.87834002	2.23271786	SLC16A14	solute carrier: FLJ30794 MC	151473
209156_s_at	2.10310282	1.02175211	COL6A2	collagen, type: DKFZp586E13	1292
233595_at	1.63342743	1.49988798	USP34	ubiquitin spec: FLJ43910 KIA	9736
233241_at	2.23502451	0.89885879	PLK1S1	polo-like kinas: C20orf19 DKF	55857
205141_at	2.38032718	0.75768474	ANG	angiogenin, ril: ALS9 HEL168	283
213359_at	2.25788398	0.88801334	HNRNPD	heterogeneou: AUF1 AUF1A	3184
233914_s_at	1.23370302	1.91712425	SBF2	SET binding fa: CMT4B2 DKF	81846
220193_at	2.83079065	0.3339172	C1orf113	chromosome: FLJ22938	79729

209189_at	3.33313334	-0.16351059	FOS	FBJ murine os AP-1 C-FOS	2353
242172_at	1.06175668	2.12693674	MEIS1	Meis homeob MGC43380	4211
1555318_at	1.2515868	1.93968602	HIF3A	hypoxia induc HIF-3A HIF-3A	64344
218274_s_at	1.91509166	1.27704374	ANKZF1	ankyrin repea FLJ10415 FLJ:	55139
218507_at	2.07602829	1.13863903	C7orf68	chromosome FLJ21076 HIG	29923
1557430_at	1.82537317	1.39808873	LOC147670	hypothetical f-	147670
1556474_a_at	1.38738947	1.85391974	FLJ38379	hypothetical F-	285097
235879_at	1.37788975	1.87021218	MBNL1	muscleblind-li DKFZp686P06	4154
223797_at	0.97402188	2.30242269	PRO2852	hypothetical f-	114224
229999_at	2.2325476	1.04440883	LOC10012841	RAB28, memt-	100128416
202336_s_at	1.88156121	1.42017242	PAM	peptidylglycin PAL PHM	5066
1560556_a_at	1.00582006	2.31166267	PLEKHA8	pleckstrin hon FAPP2 MGC3	84725
226419_s_at	1.61608946	1.71058457	SFRS1	splicing factor ASF MGC522:	6426
201691_s_at	1.65004257	1.69388766	TPD52	tumor protein D52 N8L PC-	7163
244395_at	2.90260413	0.44356009	FLJ41455	hypothetical g-	441441
219670_at	1.62775735	1.73921111	BEND5	BEN domain c C1orf165 FLJ:	79656
201673_s_at	1.855657	1.51626171	GYS1	glycogen syntl GSY GYS	2997
230389_at	1.86374602	1.531412	FNBP1	formin bindin FBP17 KIAA0:	23048
227285_at	0.84499811	2.55504214	C1orf51	chromosome FLJ25889	148523
209566_at	2.53837734	0.86955416	INSIG2	insulin induce MGC26273	51141
1555890_at	3.44605925	0	OR2A20P	olfactory rece OR2A20	401428
232740_at	1.93245943	1.51523453	MCM3APAS	MCM3AP anti C21orf85 FLJ:	114044
205158_at	2.74669401	0.70492578	RNASE4	ribonuclease, MGC9306 RN	6038
242871_at	1.84932749	1.67023308	PAQR5	progesterin and FLJ20190 MP	54852
240258_at	3.00360414	0.54161676	ENO1	enolase 1, (alf ENO1L1 MBP	2023
1553349_at	1.45249949	2.10193438	ARID2	AT rich intera BAF200 DKFZ	196528
203402_at	2.7600533	0.80763746	KCNAB2	potassium vol AKR6A5 HKvk	8514
200632_s_at	2.9882941	0.58984673	NDRG1	N-myc downs CAP43 CMT4	10397
231978_at	2.1491422	1.44866328	TPCN2	two pore segr FLJ41094 SHE	219931
1557446_x_at	3.62898816	0	TREML3	triggering rece TLT3	340206
216039_at	2.80095157	0.83171805	LOC10013283	postmeiotic s-	100132832
206348_s_at	2.11185276	1.56115471	PDK3	pyruvate dehy-	5165
232487_at	2.63192643	1.04274964	SFT2D1	SFT2 domain c C6orf83 MGC	113402
218625_at	2.62976406	1.04796404	NRN1	neuritin 1 MGC44811 N	51299
209889_at	1.71176753	1.98482356	SEC31B	SEC31 homolc DKFZp434M1:	25956
202934_at	2.07293515	1.64273436	HK2	hexokinase 2 DKFZp686M1:	3099
202972_s_at	2.32291367	1.40041981	FAM13A	family with se FAM13A1 FLJ	10144
1570571_at	1.65278726	2.07100412	CCDC91	coiled-coil dor DKFZp779L15	55297
635_s_at	2.71032784	1.02028161	PPP2R5B	protein phosp B56B FLJ3541	5526
1556067_a_at	2.28949791	1.46950298	KDM6B	lysine (K)-spec JMJD3 KIAA0:	23135
215244_at	3.32492085	0.44768371	DGCR5	DiGeorge sync KIAA1647 NC	26220
232586_x_at	1.43654049	2.35511767	LOC10013331	transient rece -	100133315
212689_s_at	2.41098677	1.41340416	KDM3A	lysine (K)-spec DKFZp686A24	55818
214295_at	2.90486611	0.91973093	KIAA0485	hypothetical L-	57235
243435_at	2.16691901	1.66640537	KCNQ1OT1	KCNQ1 overla FLJ41078 KCN	10984
1567032_s_at	1.80009912	2.04767957	ZNF160	zinc finger prc DKFZp686B16	90338
228181_at	4.29441671	-0.44245567	SLC30A1	solute carrier ZNT1 ZRC1	7779
238067_at	3.18027252	0.67897683	TBC1D8B	TBC1 domain FLJ20298	54885

230332_at	1.48832439	2.37466158	ZCCHC7	zinc finger, CC AIR1 FLJ2261	84186
206461_x_at	4.06991742	-0.19093598	MT1H	metallothione MGC70702 M	4496
36711_at	2.74557667	1.16345294	MAFF	v-maf muscl U-MAF hMafI	23764
219622_at	2.82846	1.08520404	RAB20	RAB20, memt FLJ20429	55647
202464_s_at	2.76368979	1.15091175	PFKFB3	6-phosphofru FLJ37326 IPFI	5209
211456_x_at	4.16580686	-0.24372196	MT1P2	metallothione -	645745
212185_x_at	3.83494944	0.10383963	MT2A	metallothione MT2	4502
227271_at	2.30872453	1.64192905	FGF11	fibroblast grov FHF3 FLJ1606	2256
210479_s_at	2.9909355	0.96392919	RORA	RAR-related o DKFZp686M2	6095
239243_at	2.26005609	1.70966147	ZNF638	zinc finger prc DKFZp686P12	27332
205128_x_at	3.98778691	-3.17E-05	PTGS1	prostaglandin COX1 COX3 F	5742
218498_s_at	2.97290548	1.02493071	ERO1L	ERO1-like (S. c ERO1-alpha	30001
221497_x_at	2.65239454	1.36844256	EGLN1	egl nine homc C1orf12 DKF2	54583
231856_at	1.65090644	2.37376059	KIAA1244	KIAA1244 A7322 BIG3 C	57221
200697_at	3.30085153	0.75667131	HK1	hexokinase 1 HK1-ta HK1-tl	3098
201250_s_at	2.72597116	1.38888724	SLC2A1	solute carrier DYT17 DYT18	6513
202998_s_at	1.70593091	2.42021489	LOXL2	lysyl oxidase-l LOR2 WS9-14	4017
227641_at	2.51638876	1.6437419	FBXL16	F-box and leuc C16orf22 FLJ:	146330
207460_at	2.84824267	1.40844585	GZMM	granzyme M ( LMET1 MET1	3004
206307_s_at	3.58660019	0.67514481	FOXD1	forkhead box FKHL8 FREAC	2297
227384_s_at	1.93860044	2.32820635	LOC727820	hypothetical p -	727820
212098_at	3.85154022	0.43304406	LOC151162	hypothetical L -	151162
205278_at	3.18804953	1.11328314	GAD1	glutamate dec FLJ45882 GAI	2571
209446_s_at	2.11781065	2.18958014	C7orf44	chromosome FLJ10803	55744
225342_at	2.44343484	1.89676574	AK3L1	adenylate kin: AK3 AK4 MG	205
217165_x_at	4.48294319	-0.11679795	MT1F	metallothione MGC32732 M	4494
1553299_at	3.70068549	0.7065005	DUSP5P	dual specificit: FLJ31401 FLJ:	574029
228188_at	2.26933207	2.14426292	FOSL2	FOS-like antig: FLJ23306 FRA	2355
202619_s_at	2.62551873	1.80329981	PLOD2	procollagen-ly LH2 TLH	5352
236816_at	2.10095501	2.34987089	C12orf30	chromosome DKFZp667K21	80018
225288_at	3.02363198	1.46638881	COL27A1	collagen, type FLJ11895 KIA.	85301
237515_at	2.3634229	2.18247456	TMEM56	transmembra: FLJ31842 MG	148534
1569940_at	2.82361532	1.72638783	SLC6A16	solute carrier NTT5	28968
218484_at	4.62649209	-0.04746245	NDUFA4L2	NADH dehydr: FLJ26118 NU	56901
241905_at	2.56789631	2.0324295	PIK3C2A	phosphoinosit CPK DKFZp68	5286
219410_at	2.33479883	2.27836458	TMEM45A	transmembra: DERP7 FLJ101	55076
1569453_a_at	1.81905819	2.80329011	LOC692247	hypothetical l -	692247
201848_s_at	2.3406088	2.28426213	BNIP3	BCL2/adenovi NIP3	664
203282_at	2.5810351	2.08703556	GBE1	glucan (1,4-alf GBE	2632
243296_at	3.0330424	1.63688646	NAMPT	nicotinamide 1110035O14F	10135
220467_at	2.36185571	2.32279415	FLJ21272	NA NA NA	
207241_at	4.68752282	0	C4orf6	chromosome aC1	10141
1553392_at	2.42848016	2.34490563	EFCAB3	EF-hand calci FLJ25818 MG	146779
221530_s_at	2.85935508	1.92343971	BHLHE41	basic helix-loc BHLHB3 DEC2	79365
227412_at	2.95299344	1.84120439	PPP1R3E	protein phosp KIAA1443	90673
227337_at	3.30364833	1.52227943	ANKRD37	ankyrin repea Lrp2bp MGC1	353322
218717_s_at	3.30351938	1.63459854	LEPREL1	leprecan-like : FLJ10718 ML	55214
231478_at	4.70641651	0.26856379	PDE4C	phosphodiester DPDE1 MGC1	5143

235850_at	2.64392159	2.34423965	WDR5B	WD repeat do FLJ11287 MG	54554
1552552_s_at	5.00519619	-0.00053004	CLEC4C	C-type lectin c BDCA2 CD30:	170482
243874_at	1.64960263	3.3576633	LPP	LIM domain c-	4026
211527_x_at	3.42045867	1.59615048	VEGFA	vascular endo MGC70609 N	7422
206686_at	2.26008919	2.76316333	PDK1	pyruvate dehy-	5163
202912_at	2.58763809	2.53849948	ADM	adrenomedull AM	133
235095_at	5.09314721	0.05604741	CCDC64B	coiled-coil dor MGC158069	146439
228051_at	2.43255887	2.76453727	NA	NA NA	202451
207543_s_at	3.30017739	1.91134568	P4HA1	prolyl 4-hydro P4HA	5033
202733_at	2.86790826	2.42165372	P4HA2	prolyl 4-hydro-	8974
202887_s_at	2.61925078	2.69419318	DDIT4	DNA-damage- Dig2 FLJ2050	54541
223333_s_at	2.85433213	2.49583859	ANGPTL4	angiopoietin-I ANGPTL2 ARF	51129
215446_s_at	5.26510221	0.09942678	LOX	lysyl oxidase MGC105112	4015
236058_at	5.37715154	0	C1orf172	chromosome FLJ34633 RP1	126695
1558448_a_at	3.36304591	2.18815652	LOC10012843	hypothetical f-	100128439
228483_s_at	2.79804343	2.84963732	TAF9B	TAF9B RNA pc DN-7 DN7 TA	51616
227868_at	5.52136837	0.19566118	LOC154761	hypothetical L FLJ58905	154761
204326_x_at	5.14271981	0.6536293	MT1X	metallothione MT-1  MT1	4501
226682_at	3.65906991	2.31010422	RORA	RAR-related o DKFZp686M2-	6095
1568865_at	3.59600026	2.41328095	FNTB	farnesyltransf FPTB MGC31:	2342
200872_at	2.8009928	3.40366751	S100A10	S100 calcium 42C ANX2L A	6281
242517_at	3.74013236	2.55464781	KISS1R	KISS1 recepto AXOR12 GPR:	84634
203962_s_at	3.34973046	2.95734435	NEBL	nebullette FLJ53769 LNE	10529
238551_at	2.78993084	3.56940938	FUT11	fucosyltransfe MGC119338	170384
205199_at	5.7327468	1.06987688	CA9	carbonic anhy CAIX MN	768
228499_at	3.90292247	3.07713985	PFKFB4	6-phosphofru-	5210
209822_s_at	4.07741861	3.12119517	VLDLR	very low dens CHRMQ1 FLJ:	7436
201313_at	5.29800033	2.01490927	ENO2	enolase 2 (gar NSE	2026
202022_at	3.54754645	4.04480032	ALDOC	aldolase C, fru ALDC	230
201170_s_at	5.03592715	2.93401788	BHLHE40	basic helix-loc BHLHB2 DEC1	8553
230746_s_at	2.7943929	5.22693924	STC1	stanniocalcin STC	6781
236915_at	4.09634441	4.14055182	C4orf47	chromosome -	441054
214978_s_at	4.36194407	6.2580253	PPFIA4	protein tyrosii-	8497

otherDesignat	Cytoband	Gene.Ontolog	Gene.Ontolog	Gene.Ontolog	Pathway
HGNC:12756	21q22.3	0006400 // tr	0005634 // nl	0005515 // pr	---
HGNC:15885	20p11.21	0009607 // re	0016020 // m	---	---
HGNC:18971	2q36.1	0006810 // tr	0005794 // Gc	0005515 // pr	---
HGNC:746	M 7cen-q11.2	0000050 // ur	0005737 // cy	0003824 // ca	---
HGNC:6724	12q21.3-q22	0007601 // vi	0005576 // ex	0005201 // ex	---
HGNC:29923	1q32.1	---	0005634 // nl	---	---
HGNC:10676	22q11.21	---	0005783 // er	0016787 // hy	---
HGNC:19373	2p23.3	0008152 // m	---	0003824 // ca	---
HGNC:125	M 3q21-q23	---	0005576 // ex	0003993 // ac	---
HGNC:8744	120p11.2	0006508 // pr	0005615 // ex	0004252 // se	---
HGNC:15919	20q13.12	0006629 // li	0005777 // pe	0004091 // ca	---
HGNC:28386	4q21.3	---	---	---	---
HGNC:10380	19q13.1-q13.2	0006412 // tr	0005622 // in	0003735 // st	---
HGNC:14928	19p13	---	---	---	---
HGNC:12632	Xp11.4	---	---	---	---
Ensembl:ENSC	3q25.2	0035023 // re	0005622 // in	0005085 // gu	---
NA	NA	0001666 // re	0005576 // ex	0004197 // cy	Apoptosis // GenMAPP /// A
HGNC:2892	14q25	0007275 // m	0005576 // ex	---	---
HGNC:616	M 17q23-qter	0001937 // ne	0005576 // ex	0001948 // gl	---
HGNC:14587	7q31	0006350 // tr	0005634 // nl	0005515 // pr	---
HGNC:15597	3q24	0006996 // or	0005737 // cy	---	---
HGNC:17805	2q35	---	---	---	---
HGNC:10472	6p21	0001503 // os	0005634 // nl	0003677 // DI	TGF_Beta_Signaling_Pathwa
HGNC:30873	16q23.2	---	0000775 // ch	---	---
HGNC:17036	4q31-q32	0007399 // ne	0005576 // ex	---	---
HGNC:25724	1q42.13	---	---	---	---
HGNC:24759	3q28	---	0005737 // cy	---	---
MIM:610843	22cen-q12.3	0006122 // m	0005739 // m	0008121 // ut	Electron_Transport_Chain //
Ensembl:ENSC	19p13.11	---	---	0005515 // pr	---
HGNC:12722	2p24.3	---	---	0005509 // ca	---
HGNC:24449	8q23.1	0006350 // tr	0000124 // SA	0003713 // tr	---
HGNC:2714	1Xq22.3-q23	0001764 // ne	0005737 // cy	0005515 // pr	---
HGNC:4189	19p13.2	0008152 // m	0005739 // m	0003995 // ac	---
HGNC:25312	4q32.1	---	0000139 // Gc	---	---
HGNC:610	M 11q23.1-q23.2	0006641 // tri	0005576 // ex	0005543 // pl	Statin_Pathway_PharmGKB ,
HGNC:33792	13q13.3	---	0016020 // m	---	---
HGNC:11855	12q14.1-q21.2	0006486 // pr	0005764 // ly	0004871 // sig	---
HGNC:32363	2p16	---	---	---	---
HGNC:6737	18q11.23	0006629 // li	0005737 // cy	0004622 // ly	---
HGNC:3390	16q16.1	0006468 // pr	0016020 // m	0000166 // nl	---
HGNC:5399	17q21	0006955 // in	0005634 // nl	0005515 // pr	---
HGNC:9199	11p15	0000398 // nl	0005634 // nl	0003677 // DI	---
HGNC:30580	17q11.2	0006470 // pr	0005737 // cy	0003779 // ac	---
HGNC:30871	12q21	0005975 // ca	0000139 // Gc	0008454 // al	---
HGNC:18071	11q13.5	0006281 // DI	0005634 // nl	---	---
HGNC:3285	12q13.13	0006412 // tr	0005829 // cy	0000166 // nl	Translation_Factors // GenM
HGNC:26810	5p13.2-p13.1	---	0005576 // ex	---	---



HGNC:28276 12q13.2	0008152 // m ---	0008168 // m ---
HGNC:678 M 17q25.3	0006916 // ar 0005737 // cy	0005094 // Rf ---
HGNC:27609 19q13.33	---	0016020 // m ---
HGNC:1177 11q13	---	0008270 // zir ---
HGNC:1302 E 21q22.11	---	---
HGNC:3357 18q24.1	0006796 // pf 0005576 // ex	0003676 // nl ---
- 11p15.1	0007186 // G- 0016021 // in	0004984 // ol ---
HGNC:18898 17q21.2	---	0005882 // in ---
HGNC:8893 14q24-q31	0001525 // ar 0005576 // ex	0005515 // pr ---
HGNC:18647 6q21	0008152 // m 0005739 // m	0003824 // ca ---
HGNC:2267 15q24.1	0055114 // ox 0005739 // m	0004129 // cy Electron_Transport_Chain //
HGNC:25976 3p21.31	---	---
HGNC:25048 11q14.1	0016180 // sn 0005634 // nl	0005488 // bi ---
HGNC:21581 6p22.2	---	0005737 // cy ---
HGNC:26110 11q24.2	---	---
HGNC:26996 19p13.2	---	---
HGNC:9570 17q21	0031145 // ar 0000502 // pr	0005515 // pr ---
HGNC:21182 6q25.1	0006810 // tr: 0005634 // nl	---
HGNC:24733 10q26.3	0008643 // ca ---	---
HGNC:8909 16p13.3	0001501 // sk 0005624 // m	0003824 // ca ---
HGNC:29260 3q26.31	0008152 // m 0005783 // er	0004091 // ca ---
HGNC:23620 19q13.12	---	0016020 // m ---
HGNC:18017 11p11.2	0006406 // m 0005634 // nl	0005487 // nl ---
HGNC:16027 -	0007010 // cy 0001726 // ru	0005085 // gu ---
HGNC:7859 4q12	0006940 // re 0005576 // ex	0005102 // re ---
HGNC:1727 5q31	0000079 // re 0005622 // in	0004721 // pf Cell_cycle_KEGG // GenMAP
HGNC:8038 12q21	0007165 // sig 0005576 // ex	0005184 // ne ---
HGNC:2052 E 16q23	0001501 // sk ---	0005488 // bi ---
HGNC:16200 20q13.12	---	0005634 // nl 0005515 // pr ---
HGNC:67 MIM 1p22-p21	0006810 // tr: 0005777 // pe	0000166 // nl ---
HGNC:26084 2q36.3	---	0005737 // cy ---
HGNC:6427 17q12-q21	0008544 // ef 0005634 // nl	0005198 // st ---
HGNC:27468 12q13.3	---	---
HGNC:32480 3p21.31	---	---
HGNC:9639 10p14-p13	0007275 // m 0016020 // m	---
HGNC:2343 1q31-q32.1	0007163 // es 0005576 // ex	0005509 // ca ---
HGNC:26408 19q13.11	0006350 // tr: 0005622 // in	0003676 // nl ---
HGNC:3439 5q12.1	0000209 // pr 0000109 // nl	0000166 // nl ---
HGNC:17934 22q11.2-q13.2	0006644 // pf 0005576 // ex	0004623 // pf ---
HGNC:2963 7q21.3-q22.1	0047496 // ve 0005868 // cy	0003774 // m ---
HGNC:7226 1q24.2	0007169 // tr: 0005887 // in	0005198 // st ---
HGNC:14257 13q21	0007155 // ce 0005886 // pl	0005509 // ca ---
HGNC:7905 2q13	0007165 // sig 0016020 // m	0005198 // st ---
HGNC:3356 6q22-q23	0001503 // os 0005615 // ex	0003676 // nl ---
HGNC:8086 12q24.1	0006139 // nl 0005634 // nl	0003723 // Rf ---
HGNC:1499 11q23	0001666 // re 0005576 // ex	0004197 // cy Apoptosis // GenMAPP /// A
HGNC:17689 12q24.31	0008033 // tR 0005634 // nl	0004526 // rit ---
HGNC:1185 12p13.3	0008152 // m 0005622 // in	0003824 // ca ---

HGNC:7966 11p11.2	0006350 // tr:0005634 // nL 0003677 // DI Nuclear_Receptors // GenM
HGNC:3700 1q42.1	0006099 // tri 0005737 // cy 0003824 // ca Krebs-TCA_Cycle // GenMAP
HGNC:7462 -	0006120 // m 0005739 // m 0008137 // N Electron_Transport_Chain //
HGNC:24121 18q21	--- 0005634 // nL 0005488 // bi ---
HGNC:14460 14q11.2	0007275 // m 0005634 // nL --- ---
HGNC:13324 2p13.1	--- 0005634 // nL 0008270 // zir ---
HGNC:4046 10p11.21	0007165 // siξ 0016020 // m 0004871 // siξ Wnt_signaling // GenMAPP
HGNC:30382 2q31.1	--- --- --- ---
HGNC:16047 2p13.2	--- 0005576 // ex --- ---
HGNC:25568 15q26.1	0006281 // DI 0005634 // nL 0005515 // pr ---
HGNC:4699 13q24-q25.1	0005978 // gl 0005829 // cy 0005515 // pr Glycogen_Metabolism // Ge
HGNC:13935 6p21.3	0006952 // de 0005829 // cy 0005515 // pr ---
HGNC:27039 9q34.11	0006412 // tr: --- 0004045 // ar ---
HGNC:23113 15q15.3	0006350 // tr: 0005634 // nL 0003746 // tr: ---
HGNC:662 M 20q13.3	0007165 // siξ 0005622 // in: 0000166 // nL ---
HGNC:987 M 6q13-q15	0008152 // m 0005739 // m 0003824 // ca ---
HGNC:16917 1p34.1	0019941 // m --- --- ---
HGNC:20341 6q25.3	--- 0016020 // m 0008270 // zir ---
HGNC:11715 19q13.3	0006350 // tr: 0005634 // nL 0003677 // DI ---
HGNC:4382 19q21	0006471 // pr 0005834 // hε 0000166 // nL G_Protein_Signaling // GenL
HGNC:28912 Xp11.23	--- --- --- ---
HGNC:16086 10q24.32	0006810 // tr: 0005739 // m 0005506 // irc ---
HGNC:2684 12q12	--- --- 0005515 // pr Circadian_Exercise // GenM
HGNC:22411 7q31.33	--- 0016020 // m 0005515 // pr ---
HGNC:16240 20q11.22	--- 0005634 // nL 0003677 // DI ---
HGNC:28280 11q23.3	--- 0016020 // m --- ---
HGNC:4565 12q22-q24	0007165 // siξ 0000139 // Gε 0004872 // re ---
HGNC:31837 3p14	0006412 // tr: 0005737 // cy 0003723 // R ---
HGNC:3347 13p21.3	--- 0005739 // m 0003676 // nL ---
HGNC:17001 12q21.2	--- 0005576 // ex --- ---
HGNC:16811 17q23.1	0007017 // m 0005634 // nL 0000166 // nL ---
HGNC:11186 1p21.3-p13.1	0001503 // os 0005634 // nL 0004872 // re ---
HGNC:12636 1p36	0006936 // m 0005576 // ex 0005102 // re ---
HGNC:19082 13q32.3	0006810 // tr: 0016020 // m 0005216 // io ---
HGNC:30129 8q22.1	0001682 // tR 0000172 // rik 0000171 // rik ---
HGNC:9797 11q32-q41	0006810 // tr: --- 0005085 // gl ---
HGNC:711 M 11q13	0007165 // siξ 0005622 // in: 0004857 // er Calcium_regulation_in_cardi
HGNC:19873 5q33.2	0006493 // pr 0000139 // Gε 0004653 // pc ---
HGNC:16959 7p15.1	0006810 // tr: 0000139 // Gε 0005484 // S ---
HGNC:452 M 4q21	0001503 // os 0005576 // ex 0008083 // gr ---
HGNC:12027 14q11.2	0006968 // ce 0005886 // pl. 0004872 // re ---
- 4p15.33	--- --- --- ---
HGNC:30526 3p21.1	--- 0005634 // nL --- ---
HGNC:18987 14q11.2	0006091 // gε 0005625 // so 0004016 // ac ---
HGNC:18021 17q25.3	--- 0005783 // er --- ---
HGNC:29186 10pter-q22.1	--- --- --- ---
HGNC:6381 11q42-q44	0008152 // m 0005739 // m 0004497 // m ---
HGNC:18910 17q21.2	--- 0005882 // in: --- ---

HGNC:11094 8q11	0000122 // nε 0005622 // in: 0003676 // nι ---
HGNC:29652 1p13.2	0000387 // sp 0005634 // nι ---
HGNC:19192 7q31.1	--- 0012505 // er 0005085 // gι ---
MIM:607912 3q25.1	0001514 // se --- 0008430 // se ---
HGNC:14121 16p13.3	0006350 // tr: 0005634 // nι 0003676 // nι RNA_transcription_Reactom
HGNC:29522 12p13.31	0007242 // in: 0005737 // cy ---
HGNC:714 M 5q11-q13	0007040 // ly: 0005764 // ly: 0003824 // ca ---
HGNC:5974 Xq24	0007166 // ce 0005634 // nι 0004872 // re ---
HGNC:3498 X 3q24-q28	0001701 // in 0005622 // in: 0003676 // nι ---
NA NA	--- --- ---
HGNC:593 M 17q25	0000086 // G: 0000775 // ch 0004866 // er Apoptosis // GenMAPP
HGNC:17088 2q14.2-q14.3	0000226 // m 0000776 // kii 0005488 // bi ---
HGNC:10535 5q31.1	0006810 // tr: 0005622 // in: 0000166 // nι ---
HGNC:167 M 10q24.32	0016192 // ve 0005737 // cy 0000166 // nι ---
HGNC:19910 9p13.3	--- 0000794 // cc 0003723 // R ---
HGNC:1595 E 4q21.1	0007283 // sp ---
HGNC:24487 5q33.1	--- --- ---
HGNC:2893 X 11p15.2	0007275 // m 0005576 // ex 0004866 // er ---
HGNC:28670 1p36.21	--- --- 0005509 // ca ---
- 3q12.3	--- --- ---
HGNC:29884 11q24.1	--- 0005634 // nι ---
HGNC:21387 6q14.2	0006508 // pr 0005576 // ex 0003824 // ca ---
HGNC:12806 Xp22.33	--- 0016020 // m ---
HGNC:130 M 10q23.3	0008217 // re 0005737 // cy 0000166 // nι Smooth_muscle_contractor
HGNC:5360 X 20q11	0000122 // nε 0005634 // nι 0005515 // pr ---
HGNC:4849 X 6p12	0007165 // siξ 0005886 // pl: 0004871 // siξ GPCRDB_Class_A_Rhodopsin
HGNC:16021 21q21.3	0032259 // m --- 0003676 // nι ---
HGNC:24872 20q13.32	--- --- ---
HGNC:21697 7q11.23	--- 0016020 // m ---
HGNC:25088 3p24.3	0007049 // ce 0000775 // ch 0005515 // pr ---
HGNC:28917 7p15.2-p15.1	0000122 // nε 0005622 // in: 0003676 // nι ---
HGNC:18002 22q12-q13	0006626 // pr 0000299 // in: 0004872 // re ---
HGNC:18070 Xp11.23	--- 0005886 // pl: ---
HGNC:37231 16p13.12	--- --- ---
- 15q24.1	--- --- ---
HGNC:1503 X 7q34-q35	0006508 // pr 0005622 // in: 0004197 // cy Apoptosis // GenMAPP /// A
HGNC:15938 20q13.33	0008152 // m 0005634 // nι 0000166 // nι ---
HGNC:27578 17q12	--- 0005739 // m 0005506 // ir ---
HGNC:16394 5p13.1	0006915 // aξ 0005622 // in: 0005515 // pr ---
HGNC:18216 2q14.2	0006810 // tr: 0016020 // m 0005216 // io ---
HGNC:3554 X 6p21.3	0006694 // st: 0005624 // m 0003824 // ca ---
HGNC:30301 1q25.2	0006810 // tr: 0000139 // G ---
HGNC:11898 2q23.3	0006954 // in: --- 0005488 // bi ---
HGNC:9716 E 12q24.33	--- 0005777 // pε 0005515 // pr ---
HGNC:18315 17q21	0007165 // siξ 0005622 // in: 0000166 // nι ---
HGNC:17300 6p21.1	0001833 // in 0005634 // nι 0003677 // DI ---
HGNC:9822 X 14q23-q24.2	0006259 // DI 0005634 // nι 0000166 // nι ---
HGNC:11131 15q15.1-q15.2	0006810 // tr: 0005634 // nι 0005515 // pr ---

HGNC:1280|E 21q22.11 --- 0005783 // er --- ---  
 HGNC:27717| 3p25.1 0017183 // pe 0005634 // nt 0005515 // pr ---  
 HGNC:7469|N 13q14.1-q14.3 0006412 // tr: 0005737 // cy 0003747 // tr: ---  
 HGNC:28355| 15q26.3 --- --- 0005515 // pr ---  
 HGNC:8636|N 11q13.4-q13.5 0006094 // gl: 0005625 // so 0000166 // nt Fatty\_Acid\_Synthesis // Gen  
 HGNC:26232| 2q32.3 --- 0005634 // nt 0003676 // nt ---  
 HGNC:4236|N 16p13.3-p13.1 0007283 // sp 0005739 // m 0005515 // pr ---  
 HGNC:28177| 19p13.11 --- 0016020 // m --- ---  
 HGNC:12480| 2q37.3 0019941 // m --- 0016874 // lig ---  
 HGNC:9361|N 10q22.1 0001503 // os 0005576 // ex 0005515 // pr ---  
 HGNC:169|M 2p14 0006928 // ce 0005737 // cy 0000166 // nt ---  
 HGNC:14374| 17p13.2 0006917 // in: 0005622 // in: 0000166 // nt ---  
 HGNC:9854|N 22q13 0007165 // sig 0000777 // cc 0005096 // G ---  
 HGNC:30881| Xq23 0005975 // ca 0005783 // er 0004577 // N ---  
 HGNC:15892| 20q13.32 --- --- --- ---  
 HGNC:7554|N 1p33-p32.2 0006350 // tr: 0005634 // nt 0003713 // tr: Calcium\_regulation\_in\_cardi  
 HGNC:24525| 1p34.1 --- --- 0031419 // co ---  
 HGNC:18085| 17q11.2 --- 0016020 // m --- ---  
 HGNC:26918| 12q13.13 --- 0005886 // pl --- ---  
 HGNC:17846| 9q34 0006486 // pr 0000139 // G: 0008373 // sig ---  
 HGNC:26104| 8q24.3 --- --- --- ---  
 HGNC:4805|N 16p13.3 --- --- 0004416 // hy ---  
 HGNC:12261| 6q22-q23 0006936 // m 0005737 // cy 0005102 // re ---  
 HGNC:4880|N 8q21 0001570 // va 0005634 // nt 0003677 // DI ---  
 HGNC:11920| 10q24.1 0002377 // ir: 0005576 // ex 0004871 // sig Apoptosis // GenMAPP /// A  
 HGNC:12929| 17q12 --- 0005739 // m 0005506 // ir: ---  
 HGNC:9452|N 20q11.2 0006955 // ir: 0005813 // ce 0004872 // re ---  
 HGNC:13949| 6p21.3 0006457 // pr 0005615 // ex 0005488 // bi ---  
 HGNC:30253| 3p21.3 0006810 // tr: 0016020 // m 0005506 // ir: ---  
 HGNC:4216|N 12q13.2 0001501 // sk 0005576 // ex 0005125 // cy ---  
 HGNC:17344| 21q22.11 --- 0005634 // nt 0005488 // bi ---  
 HGNC:25716| 1p32.3 --- --- 0005488 // bi ---  
 HGNC:21748| 7p21.1 0007389 // pe 0005576 // ex 0005515 // pr ---  
 HGNC:24327| 3p12.1 0006350 // tr: 0005634 // nt 0030528 // tr: ---  
 HGNC:18576| 5p15.2-p13.1 0006281 // DI 0005634 // nt 0004844 // ur ---  
 HGNC:25934| 19p13.3 --- --- 0008233 // pe ---  
 HGNC:17363| 12q12 0006350 // tr: 0005622 // in: 0003713 // tr: ---  
 - 12q15 0001501 // sk 0005576 // ex 0004869 // cy ---  
 HGNC:18476| 15q22.2 0006281 // DI 0005622 // in: 0003735 // st: ---  
 HGNC:4643|N 14q24.3 0006559 // L: 0005634 // nt 0003824 // ca ---  
 HGNC:16846| 6q25-q27 0006397 // m 0005634 // nt --- ---  
 HGNC:16448| 11q12.3 0033345 // as 0005737 // cy 0003948 // N: ---  
 HGNC:12327| 12q13.12 0007155 // ce 0005737 // cy 0005515 // pr ---  
 HGNC:9620|N 12q12 0006468 // pr 0005622 // in: 0003779 // ac ---  
 HGNC:25229| 6q14.2-q16.1 --- --- --- ---  
 HGNC:10500| 21q22.3 0007409 // ax 0001726 // ru 0005509 // ca ---  
 HGNC:9596|N 5p13.1 0006955 // ir: 0005886 // pl: 0004871 // sig GPCRDB\_Class\_A\_Rhodopsin  
 HGNC:16432| 8q22.3 --- --- --- ---

HGNC:8125 13p26.2	0006281 // DI 0005634 // nt 0003677 // DI---
HGNC:9541 11q21	0006511 // uk 0000502 // pr 0004175 // er Proteasome_Degradation //
HGNC:1168 11p15.3	0043123 // pc 0016020 // m 0004871 // sig---
HGNC:25532 10p11.23	0006350 // tr: 0005739 // m 0003723 // R---
HGNC:18532 19p13.2	0006350 // tr: --- --- ---
HGNC:14502 6p21.1	0006412 // tr: 0005622 // in: 0003735 // st---
HGNC:26087 16q12.1	--- --- 0005488 // bi ---
HGNC:9246 12q21.31	0007160 // ce 0005737 // cy 0005515 // pr---
- 18q21.33	--- --- --- ---
HGNC:20325 13q14.1	--- 0005634 // nt 0031072 // he---
HGNC:8781 1p31	0007165 // sig 0005625 // so 0003824 // ca G_Protein_Signaling // GenN
HGNC:20397 16p13.13	0006350 // tr: 0005634 // nt --- ---
HGNC:15532 11q25	--- 0005886 // pl --- ---
HGNC:26309 10q22.2	--- 0016020 // m 0008168 // m ---
HGNC:8685 15q31	0007155 // ce 0005886 // pl 0005509 // ca---
HGNC:3953 19q34	--- 0005794 // Gc 0005509 // ca---
HGNC:3392 13q21-q23	0006468 // pr 0005886 // pl 0000166 // nt---
HGNC:4461 11Xp22.2	0007275 // m 0005634 // nt --- ---
HGNC:12799 16q23.3-q24.1	0001649 // os 0005634 // nt 0003824 // ca---
HGNC:7047 12q12	0005975 // ca 0005576 // ex 0008454 // al---
HGNC:7975 15q14	0000122 // ne 0005634 // nt 0003677 // DI Nuclear_Receptors // GenM
HGNC:6289 12q	0001508 // re 0005887 // in: 0005216 // io ---
HGNC:28111 4q31.1	0006909 // pl 0005856 // cy --- ---
HGNC:16895 7q22.1	--- --- 0005515 // pr---
HGNC:17944 9p11	0006364 // rR 0000176 // nt 0000175 // 3'---
HGNC:6887 1q32	0000165 // M 0005634 // nt 0000166 // nt---
HGNC:25110 11q23.1	0006412 // tr: 0005737 // cy 0000049 // tR---
HGNC:11758 3q12.2	0043123 // pc 0005737 // cy 0004871 // sig Apoptosis_KEGG // GenMAP
HGNC:15910 20q11.22	0000096 // su 0005634 // nt 0003824 // ca---
HGNC:20356 14q32.12	--- --- --- ---
HGNC:25210 11q23.1	--- --- --- ---
HGNC:18189 8q24.3	0006364 // rR 0000178 // ex 0000175 // 3'---
HGNC:16037 12q13.2	--- 0005783 // er --- ---
HGNC:18799 14q21.3	0006754 // A1 0005739 // m 0015078 // hy Electron_Transport_Chain //
HGNC:26572 8q24.22	--- 0016020 // m --- ---
HGNC:18396 11q13	--- 0005576 // ex 0005488 // bi ---
HGNC:7931 10q24.31	0006364 // rR 0005634 // nt 0003676 // nt---
HGNC:24531 11q13.4	--- 0005622 // in: --- ---
HGNC:7690 22q13.2-q13.3	0006120 // m 0005739 // m 0008137 // N Electron_Transport_Chain //
HGNC:20568 8q13.3	0006613 // cc 0005783 // er 0004872 // re---
HGNC:20220 14q24.3	0006364 // rR 0005634 // nt --- ---
HGNC:18669 14q23.3	--- 0005634 // nt 0005515 // pr---
HGNC:5241 11q24.1	0006457 // pr 0005622 // in: 0000166 // nt Circadian_Exercise // GenM
HGNC:30201 5q23.1	--- --- 0005515 // pr---
HGNC:24286 22q13.2-q13.3	--- 0005634 // nt 0003676 // nt---
HGNC:15920 20q11.22	--- 0005624 // m --- ---
HGNC:24123 17p11.2	--- --- 0005515 // pr---
HGNC:10316 17q	0006412 // tr: 0005622 // in: 0003735 // st Ribosomal_Proteins // GenN

HGNC:29317 11p12	0050770 // re 0016020 // m 0005515 // pr---
HGNC:23782 22q13.2	--- 0005634 // nL 0000166 // nL---
HGNC:24594 16p12.2	--- 0005737 // cy 0016740 // tr---
HGNC:13681 11p15.4	0007155 // ce 0005886 // pl 0005509 // ca---
HGNC:21229 6p23	--- --- --- ---
HGNC:15876 20p13	--- 0016020 // m --- ---
HGNC:24030 17q25.1	0006417 // re 0005634 // nL 0005488 // bi---
HGNC:29369 17q25.1	--- --- 0003676 // nL---
HGNC:361 M 9q34.1	0006139 // nL 0005634 // nL 0000166 // nL---
HGNC:3349 19q33-q34.1	0001525 // ar 0005615 // ex 0004888 // tr: TGF_Beta_Signaling_Pathwa
HGNC:9595 1p31.2	0001660 // fe 0005635 // nL 0004871 // si---
HGNC:3061 12q37.3	0006233 // d1 0005829 // cy 0000166 // nL---
HGNC:25058 19p13.3	0007275 // m 0005737 // cy --- ---
HGNC:10011 7q36	0007165 // si 0005622 // in 0000166 // nL---
HGNC:25607 17q22	--- 0016020 // m --- ---
HGNC:11785 15q15	0000187 // ac 0005576 // ex 0001948 // gl: Inflammatory_Response_Pat
HGNC:26042 19q13.32	--- 0016020 // m --- ---
HGNC:679 M 12p12.3	0006928 // ce 0005737 // cy 0005094 // R: G13_Signaling_Pathway // G
HGNC:10991 Xq24-q26	0006810 // tr: 0005739 // m 0005215 // tr: Electron_Transport_Chain //
HGNC:12014 6p22.3	0006139 // nL 0005737 // cy 0008119 // th---
HGNC:24671 1q21.3	0006747 // F: 0005829 // cy 0003919 // F---
HGNC:4053 1p36.33	0006464 // pr 0005576 // ex 0005515 // pr---
HGNC:16840 6p21.1	0006350 // tr: 0000119 // m 0003899 // DI---
HGNC:21204 6q25.2	0006979 // re 0005737 // cy 0004601 // pe---
HGNC:10755 5q12.2-q13.3	0007399 // ne --- ---
HGNC:9256 15q23.2	0006457 // pr 0005737 // cy 0003755 // pe---
HGNC:11507 7q22.3	0006810 // tr: 0005887 // in 0005215 // tr:---
HGNC:30511 19q13.2	--- 0016020 // m --- ---
HGNC:25828 5q12.3	--- --- --- ---
HGNC:16912 12p13.3	0006364 // rR 0005634 // nL 0005515 // pr---
HGNC:1372 1q21	--- 0016020 // m 0004089 // ca---
HGNC:20779 4q25-q26	--- 0000139 // G: 0003824 // ca---
HGNC:959 M 19q13.3-q13.4	0001101 // re 0005622 // in 0005515 // pr Apoptosis // GenMAPP /// A
HGNC:3712 12p23.3	0006457 // pr 0005737 // cy 0003755 // pe---
HGNC:28212 17p13.1	--- --- --- ---
HGNC:26413 13q14.3	--- --- --- ---
HGNC:25954 5q31.1	--- --- 0003676 // nL---
HGNC:33858 6q21	--- --- --- ---
HGNC:11546 1p13.3	0006350 // tr: 0005634 // nL 0003677 // DI RNA_transcription_Reactom
HGNC:30217 5q11-q14	0000154 // rR 0005634 // nL 0000179 // rR---
HGNC:24968 6p25.3	0006810 // tr: --- 0005515 // pr---
HGNC:4627 16p12.1	0006749 // gl: 0005737 // cy 0004364 // gl---
HGNC:4516 1Xp22.13	0007165 // si 0005737 // cy 0004871 // si: GPCRDB_Class_B_Secretin-li
HGNC:22932 3p21.31	0007155 // ce 0016020 // m 0004475 // m---
HGNC:4881 16q21	0001570 // va 0005634 // nL 0003677 // DI---
HGNC:25756 1q23.3	0006810 // tr: 0005739 // m 0004872 // re---
HGNC:28969 5q31.3	--- 0005739 // m 0005488 // bi---
HGNC:14133 16p13.3	0030091 // pr 0005634 // nL 0000318 // pr---

HGNC:17448 3q23-q24	0007155 // ce 0000139 // Gc 0005509 // ca---
HGNC:20797 2q31.1	0006810 // tr: 0016020 // m 0000293 // fe---
HGNC:26428 1p36.33	---
HGNC:10073 6q16	0006370 // m 0005634 // nL 0003824 // ca mRNA_processing_Reactom
HGNC:29489 12q24.31	---
HGNC:12483 21q22.3	0006511 // ut 0005783 // er 0004842 // ut---
HGNC:25982 1q22	--- 0005622 // in: 0003676 // nL---
HGNC:18996 19q13	0006468 // pr 0005634 // nL 0000166 // nL---
HGNC:16041 4q24	0001525 // ar 0005576 // ex 0030246 // ca---
HGNC:559 M 7q22.1	0006810 // tr: 0005794 // Gc 0005515 // pr---
HGNC:8962 X 2p21-p16	0006506 // Gl 0005783 // er 0004307 // et Circadian_Exercise // GenM/
HGNC:17312 10q11.21-q11	0006626 // pr 0005739 // m 0005515 // pr---
HGNC:11963 8q13	0006350 // tr: 0005634 // nL 0016564 // tr:---
HGNC:32220 1p32.3	0055114 // ox 0005576 // ex 0004128 // cy---
HGNC:2918 X 7q22	0001501 // sk 0005634 // nL 0003677 // DI---
HGNC:2674 X 9q34.1	0006468 // pr 0005737 // cy 0000166 // nL---
- 6p24.2	0045449 // re --- 0003677 // DI---
HGNC:24374 16q22.1	0006810 // tr: 0005739 // m 0005506 // irc---
HGNC:14499 17q25	0006412 // tr: 0005622 // in: 0003723 // Rf---
HGNC:3491 X 19q13.12	0006355 // re 0005634 // nL 0003677 // DI---
HGNC:33454 2q11.2	---
HGNC:10445 2q35	0006350 // tr: 0005634 // nL 0005488 // bi---
HGNC:28777 16p11.2	--- 0005634 // nL 0042802 // id:---
HGNC:841 M 17q21.32	0006810 // tr: 0005739 // m 0005215 // tr: Electron_Transport_Chain //
HGNC:14633 15q25.2	--- 0005576 // ex 0008233 // pe---
HGNC:11960 2q37.1	--- 0005515 // pr---
HGNC:18985 17q25.3	0005975 // ca 0005902 // m 0003824 // ca---
HGNC:24751 19q13.11	0006350 // tr: 0005622 // in: 0003676 // nL---
HGNC:24789 1p34.3	---
HGNC:7392 X 5q34-q35	0001501 // sk 0005634 // nL 0003677 // DI---
HGNC:18028 14q11.2	0006508 // pr 0005634 // nL 0004175 // er---
NA NA	---
HGNC:13780 3q25.1-q26.2	0006412 // tr: 0005622 // in: 0000166 // nL---
HGNC:14033 17q25.3	--- 0005737 // cy---
HGNC:29876 1q21.2	--- 0005737 // cy---
HGNC:34423 22q12	---
HGNC:13529 12q15	--- 0005783 // er 0005515 // pr---
HGNC:13940 6p21.3	0000398 // nL 0005634 // nL 0003723 // Rf mRNA_processing_Reactom
HGNC:12388 22q13.1	0008272 // su 0005739 // m 0004792 // th---
HGNC:30476 2q33.3	--- 0016020 // m---
HGNC:15502 19q13.4	--- 0004872 // re---
HGNC:12390 8q24.3	0007159 // le 0005737 // cy 0003824 // ca---
HGNC:21689 7q22.1	0000266 // m 0005739 // m 0005488 // bi---
HGNC:21461 9q34	--- 0005624 // m 0003676 // nL---
HGNC:25605 12q21.1	--- 0016020 // m---
HGNC:2171 X 12q11-q12	0007155 // ce 0005624 // m 0005515 // pr---
HGNC:26625 5p13.2	0008152 // m 0016020 // m 0015020 // gl:---
HGNC:28763 12q24.33	--- 0005634 // nL---

HGNC:24157|1p36.31-p36.11 0006629 // liç 0005737 // cy 0000062 // ac---  
 HGNC:26522|11p11.2 --- 0005634 // nç 0004518 // nç---  
 HGNC:25022|1p36.11 --- --- --- ---  
 HGNC:9203|17q11.23 --- --- --- ---  
 HGNC:15484|15q22.31 0006350 // tr: 0005634 // nç 0003700 // tr:---  
 HGNC:4553|13p21.3 0000302 // re 0005737 // cy 0004601 // pe---  
 HGNC:18704|Xq28 0006323 // DI 0005622 // in: 0004596 // pe---  
 HGNC:3225|15q21 0007267 // ce 0005615 // ex 0005515 // pr---  
 HGNC:6763|14q27 0000070 // m 0000775 // ch 0005515 // pr Cell\_cycle\_KEGG // GenMAP  
 HGNC:26041|16q22.2 0006397 // m 0005634 // nç--- ---  
 HGNC:4800|1Xp11.2 0006629 // liç 0005737 // cy 0003824 // ca---  
 HGNC:13804|7p14.3 0006350 // tr: 0005634 // nç 0003677 // DI---  
 HGNC:11817|Xq22.1 0006626 // pr 0005737 // cy 0005515 // pr---  
 HGNC:11474|9q34.2 0006810 // tr: 0005634 // nç 0004129 // cy Electron\_Transport\_Chain //  
 HGNC:25705|22q12.3 0006813 // pc 0008076 // vc 0005216 // io ---  
 HGNC:25832|13q14.3 0008152 // m --- 0003824 // ca---  
 HGNC:28626|6p24.3 --- --- --- ---  
 HGNC:6904|12p11.2 0006556 // S- --- 0000166 // nç---  
 HGNC:28639|17q12 0008152 // m 0005576 // ex 0003824 // ca---  
 HGNC:6934|11q23.3 0007155 // ce 0005634 // nç 0005515 // pr---  
 HGNC:25744|1p34.3 --- 0005634 // nç--- ---  
 HGNC:5346|19p13.3-p13.2 0007155 // ce 0005886 // pl: 0005102 // re---  
 HGNC:18547|5q23.3-q31.1 0006909 // pl 0005737 // cy 0005198 // st:---  
 HGNC:14492|9q34.3 0006412 // tr: 0005739 // m 0003735 // st:---  
 HGNC:26027|15q24.2 --- 0005737 // cy 0005515 // pr---  
 HGNC:23406|9q34.11 0019348 // dc 0005624 // m 0004168 // dc---  
 HGNC:21035|6q22.33 0007165 // siç 0005622 // in: 0005096 // G<sup>-</sup>---  
 HGNC:18481|12q24.31 0006810 // tr: 0001669 // ac 0005515 // pr---  
 HGNC:29228|12p13.31 0006464 // pr --- 0000166 // nç---  
 HGNC:19742|14q21.3 0019941 // m --- 0005515 // pr---  
 - 10q22.1 --- --- --- ---  
 HGNC:11017|9q31-q32 0006810 // tr: 0005887 // in: 0005375 // cc---  
 HGNC:12515|13q22.2 0006511 // ut 0005622 // in: 0004221 // ut---  
 HGNC:14343|22q13.1 --- 0005576 // ex--- ---  
 HGNC:26305|19q13.12 0006350 // tr: 0005622 // in: 0003676 // nç---  
 HGNC:17315|1q32.1 0006626 // pr 0005739 // m 0008565 // pr---  
 HGNC:29488|16p11.2 --- --- 0016301 // kii---  
 HGNC:23825|9p21.2 --- --- 0005515 // pr---  
 HGNC:285|M 10q24-q26 0001996 // pc 0005624 // m 0004871 // siç Calcium\_regulation\_in\_cardi  
 HGNC:8659|14p15 0007155 // ce 0005886 // pl: 0005509 // ca---  
 HGNC:12608|16q24.1 0006511 // ut --- 0004221 // ut---  
 HGNC:6173|1Xq13.3-Xq21.1 --- 0005737 // cy --- ---  
 HGNC:23189|4q21.1 --- 0015630 // m 0003676 // nç---  
 HGNC:946|M 3p14.1 0006461 // pr 0005886 // pl: 0000166 // nç---  
 HGNC:575|M 14q12 0006810 // tr: 0005794 // G<sup>c</sup> 0005215 // tr:---  
 HGNC:5237|15q31.1-q31.2 0006950 // re 0005737 // cy 0000166 // nç---  
 HGNC:8831|18q23-q24 0001662 // be 0005576 // ex 0001515 // of---  
 HGNC:16791|1q25 0006397 // m 0005634 // nç 0004519 // er---



HGNC:1317|12p11.2-p11.1 0006350 // tr:0005634 // nt 0003677 // DI---  
HGNC:28219|17p13.3 --- --- --- ---  
HGNC:5362|1p36.13-p36.1 0000122 // nt 0005634 // nt 0003714 // tr:---  
HGNC:7207|17p13.1-p12 0006457 // pr 0005789 // er 0005515 // pr---  
HGNC:18449|4p15.32 0006508 // pr 0005622 // in: 0000287 // m---  
HGNC:28038|19p13.2 0006897 // er 0005764 // ly: 0008270 // zir---  
HGNC:16688|11q13 0006810 // tr: 0000139 // Gc--- ---  
HGNC:1062|17p14-cen 0008152 // m 0005737 // cy 0003824 // ca---  
HGNC:33758|17q25.1 --- 0005576 // ex 0005515 // pr---  
HGNC:14511|3p25 0006412 // tr: 0005739 // m 0003735 // stl---  
HGNC:29831|1p36.33-p36.2 0008152 // m 0005829 // cy 0003951 // Nt---  
HGNC:14367|20q13.13 0007010 // cy 0005737 // cy 0003779 // ac---  
HGNC:28727|Xp22.11 0006810 // tr: 0005576 // ex--- ---  
HGNC:17028|17q21.32 0006350 // tr: 0005634 // nt 0003702 // Rf---  
HGNC:17128|19p13.3 0006810 // tr: 0016020 // m 0005385 // zir---  
HGNC:27452|11q14.1 0006813 // pc 0008076 // vc 0005216 // io---  
HGNC:8742|12q22.2 0007417 // ce 0005634 // nt--- ---  
HGNC:7820|Xp22.13 0002088 // le 0005634 // nt--- ---  
HGNC:9820|17q22-q23 0006259 // DI 0005634 // nt 0000166 // nt---  
HGNC:1505|11q22.2-q22.3 0006508 // pr 0005622 // in: 0004197 // cy Apoptosis // GenMAPP /// A  
HGNC:16947|10q21-q22 --- 0005783 // er--- ---  
HGNC:9370|16p12-p11.1 0006260 // DI 0005654 // nt 0003677 // DI DNA\_replication\_Reactome  
- 12p11.2 --- --- --- ---  
HGNC:25829|4q21.21-q21.2 --- --- 0005515 // pr---  
HGNC:6888|3p21.3 0006468 // pr 0005634 // nt 0000166 // nt---  
HGNC:18984|12p12.2-p11.2 0006350 // tr: 0005634 // nt 0003677 // DI---  
HGNC:14581|1p36 0006468 // pr 0005739 // m 0000166 // nt---  
HGNC:30636|1q22 --- --- --- ---  
HGNC:30232|1p36.13 --- --- --- ---  
HGNC:28419|19p13.11 --- 0016020 // m--- ---  
HGNC:26938|11q14.2 0007030 // Gc 0005737 // cy--- ---  
NA NA --- --- --- ---  
HGNC:25969|16q24.3 0007242 // in: --- 0005515 // pr---  
HGNC:30760|4q12 --- 0016020 // m--- ---  
HGNC:26944|11q12.2 --- 0016020 // m--- ---  
HGNC:9785|17q21.2 0006810 // tr: 0005634 // nt 0000166 // nt---  
HGNC:14268|4q31 0007155 // ce 0005886 // pl: 0005509 // ca---  
HGNC:23518|10q22.2 --- 0005634 // nt--- ---  
HGNC:1321|E 3q13.33 --- 0005739 // m--- ---  
HGNC:6643|12p12.3 0006350 // tr: --- 0008270 // zir---  
HGNC:21062|6p25.1 0006412 // tr: 0005625 // so 0000049 // tR---  
HGNC:30866|11p15.1 0005975 // ca--- 0003824 // ca---  
HGNC:8623|14q12-q13 0006350 // tr: 0005634 // nt 0003677 // DI---  
HGNC:33102 16p13.3 --- --- --- ---  
HGNC:707|M 3p25.3 0006464 // pr 0005737 // cy 0003779 // ac---  
HGNC:8756|17q25.3 0008654 // pl --- 0003824 // ca---  
HGNC:25154|1p34.3 --- 0016020 // m--- ---  
HGNC:6869|6q23.3 0000226 // m 0005737 // cy 0005198 // stl---

HGNC:7603|N 18q21 0006629 // lip 0005739 // m 0000166 // nL Fatty\_Acid\_Degradation // C  
HGNC:7139|N Xq13.1 0000080 // G: 0005634 // nL 0003677 // DI---  
HGNC:8912|N 17q21 0006260 // DI 0005634 // nL 0005515 // pr---  
HGNC:28428| 17p13.1 --- --- 0005515 // pr---  
HGNC:24131| 7q22-q31 0006810 // tr: 0005783 // er 0004872 // re---  
- 6p25.1 --- --- ---  
HGNC:704|M 7q22.1 0006928 // ce 0005737 // cy 0003779 // ac---  
HGNC:17902| 8q24-qter --- 0005634 // nL 0005515 // pr---  
HGNC:17367| 3q13.12-q13.1 0006350 // tr: 0005794 // G: 0003677 // DI---  
- 13q12.13 --- --- ---  
HGNC:28357| 19q13.31 0006350 // tr: 0005622 // in: 0003677 // DI---  
HGNC:219|M 4q13.3 0006508 // pr 0005576 // ex 0004222 // m---  
HGNC:18588| 7q31 0008584 // m --- ---  
HGNC:26724| 9q22.33 --- 0005634 // nL --- ---  
HGNC:16355| 1q25.1 --- --- --- ---  
Ensembl:ENSC 16p13.3 --- --- --- ---  
HGNC:8966|N 17p12-p11.2 0006506 // GI 0005783 // er 0000225 // N---  
HGNC:15528| 14q22.2 0006950 // re 0005634 // nL 0005515 // pr---  
HGNC:10756| 5q13.2 0007399 // nL --- ---  
HGNC:16851| 9q33.3 0007264 // sn 0005622 // in: 0005085 // gu---  
HGNC:7642|N 18p11.22 0006461 // pr 0005624 // m 0005488 // bi ---  
HGNC:21406| 6q16.1 0006412 // tr: 0005737 // cy 0000166 // nL ---  
HGNC:5394|N 4q25 0006508 // pr 0005576 // ex 0003824 // ca---  
- 1p34.3 --- --- --- ---  
HGNC:9330|N Xp11.23 0006350 // tr: 0005634 // nL 0003677 // DI---  
HGNC:14270| Xq13.3 0007155 // ce 0005886 // pl: 0005509 // ca---  
HGNC:4182|N 1p22.2 0006955 // in: 0005886 // pl: 0000166 // nL ---  
HGNC:2338|N 15q24 0006810 // tr: 0005737 // cy 0005215 // tr:---  
HGNC:24522| 15q15.1 --- 0016020 // m --- ---  
HGNC:30883| 11q14.1 --- 0016020 // m --- ---  
HGNC:9001|N 17p13.3 0006629 // lip 0005622 // in: 0005515 // pr---  
HGNC:3287|N 4q21-q25 0006412 // tr: 0005737 // cy 0000339 // R Hypertrophy\_model // GenN  
HGNC:14411| 14q11.2 0006810 // tr: 0005739 // m 0005488 // bi ---  
HGNC:22958| 5q35.3 0001503 // os 0005737 // cy 0005515 // pr---  
HGNC:18027| 7p21.1 0006350 // tr: 0005634 // nL 0003899 // DI---  
HGNC:8656|N Xq21.3 0007155 // ce 0005730 // nL 0005509 // ca---  
HGNC:28072| 5q23.3 --- --- --- ---  
HGNC:4883|N 1q32 0006955 // in: 0005576 // ex 0001851 // co---  
HGNC:30882| 19p13.11 0006810 // tr: 0005764 // ly: 0005515 // pr---  
HGNC:28216| 12q13.12 --- 0016020 // m --- ---  
HGNC:30546| 19p13.2 0006810 // tr: 0005739 // m 0005506 // in:---  
HGNC:33702| 19p13.3 --- --- 0005515 // pr---  
MIM:607915| 2p23.3 0008654 // pl: 0016020 // m 0000287 // m ---  
HGNC:37282| 7q36.1 0030833 // re 0005856 // cy 0000166 // nL ---  
HGNC:25553| Xp11.22 0042254 // rik 0005622 // in: 0000166 // nL ---  
HGNC:2252|N 16p11.2 0001845 // pl: 0001772 // in: 0003779 // ac---  
HGNC:11543| 11p15.3 0006350 // tr: 0005634 // nL 0003702 // R---  
HGNC:13724| 16q22 0006810 // tr: 0016471 // va 0008553 // hy---

HGNC:28211 9q34.3	---	0016020 // m	---
HGNC:30684 17p13	0006810 // tr	0005634 // n	0001614 // p
HGNC:10698 17q25.1-q25.2	---	0005794 // G	0005488 // bi
HGNC:30525 16q22.2	---	0016020 // m	---
-	-	---	---
HGNC:26181 5q35.3	---	---	---
HGNC:28226 8p11.21	0006260 // DI	0005634 // n	0005515 // pr
HGNC:1645 16q21	0001666 // re	0005624 // m	0004871 // sig
HGNC:26868 2q33.3	---	---	---
-	12q24.33	0006350 // tr	0005622 // in
HGNC:20173 1q32.1	---	0016020 // m	---
HGNC:29509 1p36.13-q31.1	0006509 // m	0005783 // er	0005515 // pr
HGNC:9205 17q21.3	0019439 // ar	0005576 // ex	0004063 // ar
HGNC:28484 17p13.3	---	---	0008168 // m
HGNC:13326 21q22.1	0006468 // pr	---	0000166 // n
HGNC:28743 7q32.1	---	0016020 // m	---
HGNC:7997 18p12	0007154 // ce	0005576 // ex	0003712 // tr
HGNC:11328 11q13.1	0007049 // ce	---	0005515 // pr
HGNC:11378 7q21	0006810 // tr	0005768 // er	0005215 // tr
HGNC:24838 9p13.3	---	0016020 // m	---
HGNC:2095 18p21-p12	0006629 // li	0005576 // ex	0005515 // pr
HGNC:26278 19q13.42	0008152 // m	0005634 // n	0003824 // ca
HGNC:23366 9q33.3	0030833 // re	0005737 // cy	0003779 // ac
HGNC:17817 1p31.1	0006955 // ir	0005737 // cy	---
HGNC:14478 1p36.3-p36.2	---	---	---
HGNC:28870 7q31.1-q31.2	0006350 // tr	0005634 // n	0005515 // pr
-	10q26.3	---	---
HGNC:15925 20pter-q12	0006955 // ir	0005622 // in	0003824 // ca
HGNC:11864 14q11.2	0015031 // pr	0016020 // m	---
HGNC:27012 22q11.21	---	---	---
HGNC:12420 16p11.2	0006412 // tr	0005622 // in	0000166 // n
HGNC:6499 13q34	---	0005624 // m	---
HGNC:11158 18q11.2	0000245 // sp	0005634 // n	0003676 // n
-	7p14.1	0006350 // tr	0005634 // n
HGNC:9509 1q31-q42	0006509 // m	0000139 // G	0005515 // pr
HGNC:2257 1p36 1p36.22	0007193 // in	0000775 // ch	0001664 // G
HGNC:3133 1Xp11.23-p11.2	0001501 // sk	0005783 // er	0000247 // C
-	6p25.2	---	---
HGNC:24488 3p21.2	---	---	---
HGNC:23797 19p13.3	0006400 // tR	0005840 // rit	0008270 // zir
HGNC:8491 17q22.1	0006260 // DI	0005634 // n	0000166 // n
HGNC:358 M 11q13.3	0006457 // pr	0005624 // m	0003712 // tr
HGNC:28194 19q13.11	---	0005737 // cy	---
HGNC:13154 19q13.43	0000122 // n	0005622 // in	0003676 // n
HGNC:4833 16p13.3	0006810 // tr	0005833 // h	0005344 // ox
HGNC:9286 E 12q13.2	0005975 // ca	---	0004864 // p
HGNC:5411 10q24	---	---	0005488 // bi
HGNC:30324 9q21.13	0009231 // rit	0005737 // cy	0000166 // n

HGNC:4471|N 2q21 0007165 // siξ 0005886 // pl. 0004871 // siξ GPCRDB\_Class\_A\_Rhodopsir  
HGNC:5464|N 12q22-q23 0001501 // sk 0005576 // ex 0005158 // in: ---  
HGNC:8965|N 1p31.1 0006467 // pr 0005783 // er 0003923 // GI ---  
HGNC:10998| 9q34.11 0006629 // liξ 0016020 // m 0000166 // nι ---  
HGNC:3711|N 20p13 0003007 // hε 0005737 // cy 0003755 // pε Calcium\_regulation\_in\_cardi  
HGNC:1319|N 12p13.31 0006935 // ch 0005886 // pl. 0004435 // pξ GPCRDB\_Class\_A\_Rhodopsir  
HGNC:30300| 15q25.1 --- --- --- ---  
HGNC:1590|N 8q22.1 0000075 // ce 0005634 // nι 0005515 // pr Cell\_cycle\_KEGG // GenMAP  
HGNC:10478| 6p21.3 0006350 // tr: 0005634 // nι 0003677 // DI Nuclear\_Receptors // GenM.  
HGNC:25675| 17q25.3 0006810 // tr: 0005768 // er 0005515 // pr ---  
HGNC:25851| 16q21 0006260 // DI 0005634 // nι --- ---  
HGNC:7519|N 12q24.3 --- --- 0005201 // ex ---  
HGNC:7884|N 6p21.3 0001569 // pε 0005615 // ex 0004872 // re ---  
HGNC:25896| 12q24.31 0006810 // tr: 0005886 // pl. 0005216 // io ---  
HGNC:654|M 12q13 0006810 // tr: 0005622 // in: 0000166 // nι ---  
HGNC:16106| 20q11.1-q11.2 --- --- --- ---  
HGNC:31750| 8q24.12 --- --- --- ---  
HGNC:29227| 3q21.2 --- 0005576 // ex 0005509 // ca ---  
HGNC:18144| 18q22.1 --- 0016020 // m --- ---  
HGNC:17623| 7q36 --- 0005634 // nι --- ---  
HGNC:24930| 7q36.1 --- 0016020 // m --- ---  
HGNC:16445| 14q12 0008152 // m 0005634 // nι 0003824 // ca ---  
HGNC:33879| 9q34.3 --- --- 0008270 // zir ---  
HGNC:9768|N 4p15.33 0007264 // sn 0005886 // pl. 0000166 // nι ---  
HGNC:55|MIM 13q32 0006810 // tr: 0005624 // m 0000166 // nι ---  
HGNC:21493| 15q21.3 --- 0005634 // nι 0005488 // bi ---  
HGNC:24550| 12q13.12 0008152 // m --- 0008168 // m ---  
HGNC:24252| 2p24.3-p11.2 0008152 // m --- 0000287 // m ---  
HGNC:9843|N 2q36-q37.1 0006810 // tr: 0005886 // pl. 0004872 // re Smooth\_muscle\_contractior  
HGNC:19066| 6p21.33 0006350 // tr: 0005622 // in: 0003677 // DI ---  
HGNC:910|M 7q22.1 0006955 // in: 0005576 // ex 0004540 // rit ---  
HGNC:11124| 21q22.3 0006464 // pr 0000776 // kii 0005515 // pr Circadian\_Exercise // GenM/  
HGNC:1774|N 7q36 0001764 // nε 0005634 // nι 0000166 // nι ---  
HGNC:17083| 8q13.1 0042254 // rit 0005634 // nι --- ---  
HGNC:8883|N 7q21-q22 0006468 // pr 0005634 // nι 0000166 // nι ---  
HGNC:19291| 8q23.3 --- 0016020 // m --- ---  
HGNC:29436| 1q22 --- 0016020 // m --- ---  
HGNC:4659|N 7q11.23 0006350 // tr: 0005634 // nι 0003677 // DI ---  
HGNC:2201|N 2q31 0001568 // bl 0005576 // ex 0005178 // in: Inflammatory\_Response\_Pai  
HGNC:13787| 19q13.3 0006915 // aξ --- --- ---  
HGNC:6845|N 15q23 0000165 // M 0005819 // sp 0000166 // nι Integrin-mediated\_cell\_adhe  
HGNC:25956| 7q21.3 --- --- --- ---  
HGNC:94|MIM 6q25.3 0006629 // liξ 0005737 // cy 0003824 // ca ---  
HGNC:6913|N 14q23 0006350 // tr: 0005634 // nι 0003677 // DI ---  
HGNC:21524| 14q23.1 0008152 // m --- 0003824 // ca ---  
HGNC:6509|N 7q31.1-q31.3 0016481 // nε 0005634 // nι 0003824 // ca ---  
HGNC:944|M 1p35 0007165 // siξ 0005886 // pl. 0004871 // siξ ---  
HGNC:7631|N 22q13-qter|2 0005975 // ca 0005764 // ly: 0003824 // ca ---

HGNC:34361|13q13.3 0006350 // tr:0005634 // nt 0003677 // DI---  
 HGNC:14513|8q21.1-q21.2 --- 0005739 // m 0003723 // RI---  
 HGNC:8411 7q21.3 --- --- --- ---  
 HGNC:25558|1p34.3 --- 0016020 // m 0005515 // pr---  
 HGNC:30791|1p36-p34.1 --- 0005634 // nt 0004659 // pr---  
 HGNC:25594|1q32.2 0006350 // tr:0005634 // nt 0003677 // DI---  
 HGNC:9090|13q23 --- 0005737 // cy 0003779 // ac---  
 HGNC:22992|15q23 0006508 // pr --- 0005515 // pr---  
 HGNC:14514|13q12.11 --- --- --- ---  
 HGNC:24577|22q13.2 --- --- --- ---  
 HGNC:35164|12q23.3 --- --- --- ---  
 HGNC:13501|17p11.2 0006350 // tr:0005622 // in: 0003676 // nt ---  
 HGNC:23093|17p13.1 0006810 // tr:0005886 // pl: 0015293 // sy ---  
 HGNC:14348|2p12 0006508 // pr 0005634 // nt 0003824 // ca---  
 HGNC:12370|7q32 --- 0005813 // ce --- ---  
 HGNC:28089|Xq28 --- --- 0005515 // pr ---  
 HGNC:13796|18q21.2 --- 0005576 // ex --- ---  
 HGNC:20883|17q22 0006071 // gl: 0016020 // m 0008081 // pl ---  
 HGNC:20609|7p22 0006412 // tr: --- 0005515 // pr ---  
 HGNC:20207|13q12.3 0005975 // ca 0005783 // er 0016740 // tr: ---  
 HGNC:1080|18q21 0006350 // tr:0005634 // nt 0003677 // DI RNA\_transcription\_Reactom  
 HGNC:30600|1p36.11 --- 0005737 // cy --- ---  
 HGNC:9044|1Xq26 0001890 // pl: 0005576 // ex --- ---  
 HGNC:3336|19p13.3 0007155 // ce 0005886 // pl: 0004871 // sig GPCRDB\_Class\_B\_Secretin-li  
 HGNC:25483|17p13.2 --- --- --- ---  
 HGNC:10565|1q21 0006810 // tr: 0000139 // Gc --- ---  
 HGNC:11838|19p13.3 0006350 // tr: 0005634 // nt 0005515 // pr ---  
 HGNC:24126|2p11.2 0006350 // tr: 0005634 // nt 0003677 // DI ---  
 HGNC:5136|12q31.1 0001501 // sk 0005634 // nt 0003677 // DI ---  
 HGNC:7545|16q22-q23 0000082 // G: 0005634 // nt 0003677 // DI ---  
 HGNC:4605|18q21.1-q21.2 0007165 // sig 0005576 // ex 0005102 // re ---  
 HGNC:20800|1p32-p31 0006810 // tr: 0005783 // er 0005351 // su ---  
 HGNC:9988|13q14 --- 0005634 // nt 0003677 // DI ---  
 HGNC:22933|10q26.11 --- --- --- ---  
 HGNC:9549|11p12-p13 0001824 // bl: 0000502 // pr 0000166 // nt Proteasome\_Degradation //  
 HGNC:14350|15q24 --- --- --- ---  
 HGNC:26934|5q35.2 --- 0005634 // nt --- ---  
 HGNC:24328|16q22.1 0042254 // rit: 0005634 // nt 0003723 // RI ---  
 HGNC:26791|1p36.13 --- --- --- ---  
 HGNC:18294|16p13.3 0006486 // pr 0005783 // er 0000030 // m ---  
 HGNC:1688|1p13 0007155 // ce 0005886 // pl: 0005515 // pr ---  
 HGNC:18453|1q22-q21.2 --- 0005576 // ex 0005515 // pr ---  
 HGNC:9987|19p12 0006350 // tr: 0005634 // nt 0003677 // DI ---  
 HGNC:690|M 3p21.2-p21.3 0006511 // ut: 0005634 // nt 0003676 // nt ---  
 HGNC:30003|1q31.3 --- --- --- ---  
 HGNC:1851|12p24-p21 0006334 // nt 0000775 // ch 0003677 // DI ---  
 HGNC:25528|1p36.13 0006810 // tr: 0005622 // in: 0005515 // pr ---  
 HGNC:660|M 5q12.3 0007264 // sn 0000139 // Gc 0000166 // nt ---

HGNC:11281	5q31.3	0006350 // tr:0005634 // nl 0003677 // DI---
HGNC:26946	7q34	--- --- --- ---
HGNC:28005	16q24.3	0008033 // tR 0005737 // cy 0005515 // pr---
HGNC:33551	17q25.3	--- --- --- ---
NA	NA	--- --- --- ---
HGNC:23225	2q34	0007283 // sp 0005634 // nl 0005515 // pr---
HGNC:6398	6q22.1	0006606 // pr 0005634 // nl 0005488 // bi---
HGNC:21374	6p21.1	--- --- --- ---
HGNC:12417	17q21	0000212 // m 0000242 // pe 0000166 // nl---
HGNC:29122	3q27.2	--- --- 0005488 // bi---
HGNC:17378	16p13.3	0005975 // ca 0005794 // Gc 0003944 // N---
HGNC:24262	16p13.3	0005975 // ca--- 0008448 // N---
HGNC:28422	3p25.2	0006388 // tR 0000214 // tR 0000213 // tR---
HGNC:983 M	3q26.1-q26.2	0050783 // cc 0005576 // ex 0001540 // be Irinotecan_pathway_Pharmc
HGNC:21014	2p13.1	--- 0016020 // m 0004872 // re---
HGNC:21745	4p15.33	0006417 // re 0005737 // cy 0000166 // nl---
HGNC:30689	3p25.2	0006350 // tr:0005622 // in: 0005488 // bi---
HGNC:14536	3q13-q21	0006350 // tr:0005622 // in: 0003676 // nl---
HGNC:25849	16p13.3	--- --- --- ---
HGNC:30012	16q22.1	0006412 // tr:0000139 // Gc 0005506 // irc---
HGNC:28143	2q14.2	--- 0016020 // m---
HGNC:26955	3p22.1	0006350 // tr:0005622 // in: 0003676 // nl---
HGNC:13945	6p21.3	0006955 // in: 0005737 // cy 0005096 // G---
HGNC:14154	16p13.3	0009306 // pr 0005783 // er---
HGNC:23373	9q34.11	--- --- 0005515 // pr---
-	4q12	--- --- --- ---
HGNC:12474	10q11.2-q21	0000209 // pr 0005654 // nl 0004842 // uk Proteasome_Degradation //
HGNC:11473	12p11.23	0006350 // tr:0000119 // m 0003702 // R---
HGNC:7035	17p11.2	0007155 // ce 0001527 // m 0005102 // re---
HGNC:18262	3q26.33	0008053 // m 0005737 // cy 0000166 // nl---
HGNC:32790	2p14	--- 0005634 // nl 0003723 // R---
HGNC:7713	5p15.33	0006120 // m 0005739 // m 0008137 // N Electron_Transport_Chain //
HGNC:29098	12q24.13-q24	--- 0005634 // nl 0000166 // nl---
HGNC:11645	17q21.1	0006350 // tr:0005634 // nl 0003677 // DI---
HGNC:19213	16p13.11	--- 0005777 // pe 0005515 // pr---
HGNC:30833	11q13	--- --- 0016301 // kii---
-	20p13	--- --- --- ---
HGNC:11569	12q12-q13	0006355 // re 0005622 // in: 0003723 // R---
HGNC:4762	21q22.3	0006334 // nl 0000786 // nl 0003677 // DI---
HGNC:10986	10q21.3	0006810 // tr:0005739 // m 0005488 // bi---
HGNC:18827	10q22.1	--- --- 0016787 // hy---
-	9p21.1	--- --- --- ---
HGNC:30258	12q13.2	--- --- --- ---
HGNC:25223	4q21.23	0006071 // gh 0005739 // m 0004659 // pr---
HGNC:19375	19p13.3	0006810 // tr:0005739 // m 0005215 // tr:---
HGNC:24105	10q23.31	0019941 // m --- 0004221 // uk---
HGNC:3541	1p22-p21	0001938 // pc 0005615 // ex 0002020 // pr---
HGNC:34397	15q15.1	0008152 // m --- 0004620 // pf---

HGNC:6512|15q32 0006412 // tr:0005737 // cy 0000166 // n1 ---  
HGNC:10788|20q12-q13.1 0000398 // n1 0005634 // n1 0000166 // n1 mRNA\_processing\_Reactom  
HGNC:8068|11p15.5 0000059 // pr 0005634 // n1 0005215 // tr:---  
HGNC:4270|17q21.3-q22 0007165 // siq 0005576 // ex 0005179 // hc---  
HGNC:21066|6p24.1 0032313 // re 0005622 // in: 0005096 // G1---  
HGNC:4504|12q22-q23 0007165 // siq 0005886 // pl: 0004871 // siq---  
HGNC:12647|2p12-p11.2 0016192 // ve 0005624 // m 0005515 // pr---  
HGNC:752|M 19q13.3 0006810 // tr: 0005625 // so 0000166 // n1 ---  
HGNC:1579|15q12 0000086 // G: 0005634 // n1 0005515 // pr Cell\_cycle\_KEGG // GenMAP  
HGNC:21532|11q25 0006810 // tr:--- 0005515 // pr---  
HGNC:586|M 3p21.31 0006508 // pr 0005737 // cy 0004252 // se---  
HGNC:14276|19p13.2 0006412 // tr: 0005622 // in: 0003735 // st:---  
HGNC:1656|16p11.2 0000398 // n1 0005737 // cy 0005515 // pr mRNA\_processing\_Reactom  
HGNC:14315|1q32.1 0006916 // ar 0005634 // n1 --- ---  
HGNC:18241|1p13.3 0008152 // m 0005634 // n1 0005515 // pr---  
HGNC:20570|1p36.33 0045839 // ne 0005634 // n1 0005515 // pr---  
HGNC:16285|8p21.2 0006915 // ar 0005622 // in: 0005515 // pr---  
HGNC:25356|1q42.12-q43 0006281 // DI 0016607 // n1 0003677 // DI---  
HGNC:6116|15q31.1 0006350 // tr: 0005634 // n1 0003677 // DI Apoptosis // GenMAPP  
HGNC:8017|18q12-q13 0006672 // ce 0005625 // so 0005057 // re ---  
HGNC:11502|19q13.3 --- 0016020 // m --- ---  
HGNC:28007|17q25.3 --- --- --- ---  
HGNC:2577|16q24 0006801 // su 0005737 // cy 0005506 // ir:---  
HGNC:16710|16q12.2 0001934 // pr 0005737 // cy 0005515 // pr---  
HGNC:7027|12q14.1 0006468 // pr 0001750 // pl: 0000166 // n1 ---  
HGNC:11066|14q11.2 0006520 // ar 0005737 // cy 0015171 // ar---  
HGNC:4789|16p21.3 0006325 // es 0000786 // n1 0003677 // DI---  
HGNC:27010|1q32.3 --- 0005634 // n1 0004518 // n1 ---  
HGNC:695|M 7p21-p15.3 0007264 // sn 0005622 // in: 0000166 // n1 ---  
HGNC:30206|17q23.1 --- 0016020 // m 0005515 // pr---  
HGNC:1036|18q21-q23|Xq2 0007275 // m 0005634 // n1 --- ---  
HGNC:15875|20p13 --- --- --- ---  
HGNC:6414|17q12 0007601 // vi: 0005882 // in: 0005198 // st:---  
HGNC:1937|11q13.2 0006629 // liq 0005737 // cy 0004103 // ch Acetylcholine\_Synthesis // G  
HGNC:17369|6p22.2 0006350 // tr: 0005634 // n1 0003677 // DI---  
HGNC:14891|10q22.1 0006457 // pr 0005783 // er 0031072 // he---  
HGNC:20320|13q12.11 0006350 // tr: 0005634 // n1 0000166 // n1 ---  
HGNC:21239|6p21.2 --- 0016020 // m --- ---  
HGNC:23395|9q34.3 --- --- --- ---  
HGNC:20813|6p22.1 0006350 // tr: 0005622 // in: 0003676 // n1 ---  
HGNC:24677|2p11.2 --- 0005886 // pl: --- ---  
HGNC:28290|9q34.3 --- 0016020 // m --- ---  
HGNC:4136|19p13.3 0006601 // cr 0005829 // cy 0008168 // m ---  
HGNC:13397|1p36.13-q41 0006694 // st: 0005730 // n1 0004128 // cy---  
HGNC:17759|10p12.1 0006744 // ut --- 0000010 // tr:---  
HGNC:83|MIM 18q21.1 0006629 // liq 0005739 // m 0003824 // ca---  
HGNC:14264|4q25 0006364 // rR 0005634 // n1 0003723 // R1---  
HGNC:28363|1p36.11 --- --- --- ---

HGNC:8998 17q12	0007166 // ce	0005783 // er	0000166 // nu	---
HGNC:16762 16q12	0006350 // tr:	0005622 // in:	0003676 // nu	---
HGNC:2545 1q21	0006508 // pr	0005576 // ex	0004197 // cy	---
HGNC:16673 1q21.2	---	---	---	---
HGNC:9260 6p21.1	0006397 // m	0005681 // sp	0003755 // pe	---
HGNC:17162 7p14.3	0006397 // m	0005634 // nu	0003723 // Rf	---
HGNC:25206 2q35	---	---	0008270 // zir	---
HGNC:27344 11q24.2	---	0016020 // m	---	---
HGNC:16650 2q36.1	0006396 // Rf	0005622 // in:	0003723 // Rf	---
HGNC:18518 19p13.2	0006260 // DI	0005634 // nu	0003676 // nu	---
HGNC:18550 18q12	---	0005783 // er	---	---
HGNC:26219 19q13.33	---	0005737 // cy	---	---
HGNC:23357 Xq22-q24	0006350 // tr:	0005737 // cy	0003723 // Rf	---
HGNC:28360 19p13.11	0019941 // m	---	---	---
HGNC:13785 6p22.3-p22.1	0006810 // tr:	0005739 // m	0000287 // m	---
HGNC:15987 10q26	0045454 // ce	0005737 // cy	0005515 // pr	---
- 10q11.23	---	---	---	---
HGNC:25014 11p13	---	---	---	---
NA NA	---	---	---	---
HGNC:22432 7q33	---	0005737 // cy	---	---
HGNC:8000 11q24	0007165 // sig	---	0005516 // ca	---
HGNC:16890 3p21.3	---	0005634 // nu	0004721 // pf	---
HGNC:11422 17q25.3	---	---	0003677 // DI	---
HGNC:25671 13q14.3	---	0005634 // nu	---	---
HGNC:2340 12q21.33-q23	0006508 // pr	0005622 // in:	0002020 // pr	Apoptosis_KEGG // GenMAP
HGNC:33480 2q14.3	0055114 // o	0016020 // m	0004497 // m	---
HGNC:579 M 15q11-q12	0001701 // in	---	0005515 // pr	---
HGNC:14056 6p21.3	0006412 // tr:	0005622 // in:	0003735 // st	---
HGNC:6243 11q13-q14	0006810 // tr:	0016020 // m	0005216 // io	---
HGNC:8067 17p13.2	0006810 // tr:	0005634 // nu	0005215 // tr:	---
HGNC:28853 19q13.33	---	---	---	---
HGNC:2349 6p21.3	0006350 // tr:	0005576 // ex	0003677 // DI	G1_to_S_cell_cycle_Reactor
HGNC:21220 6q15	0000244 // as	0005634 // nu	0000166 // nu	---
HGNC:228 M 16q23.1	0006396 // Rf	---	0003723 // Rf	---
HGNC:8840 19q12-q13.2	0006508 // pr	---	0004177 // ar	---
HGNC:26046 3q29	0006506 // GI	0005783 // er	---	---
HGNC:16938 1p31.1	---	0005737 // cy	---	---
HGNC:24031 2q31.1	0007049 // ce	0000777 // cc	0005515 // pr	---
HGNC:19839 14q22.1	---	0005737 // cy	0005488 // bi	---
HGNC:1555 12q13.13	0006333 // ch	0000775 // ch	0003682 // ch	---
HGNC:19729 9q12	---	---	---	---
HGNC:26034 11q12.2	---	0005739 // m	---	---
HGNC:177 M 3p21.1	0006508 // pr	0005625 // so	0004046 // ar	---
HGNC:25503 5q33.1	0000060 // pr	0005634 // nu	0000166 // nu	---
HGNC:17302 1p31.1	0007155 // ce	0005886 // pl	0005515 // pr	---
HGNC:19894 17p13.1	0006810 // tr:	0005783 // er	---	---
HGNC:4193 14q22.1-q22.2	0006184 // G	0005634 // nu	0003824 // ca	---
HGNC:4549 17q25.3	0000188 // in:	0005634 // nu	0005095 // G	---



HGNC:9651|N 14q31.3 0006470 // pr 0005737 // cy 0004721 // pt ---  
HGNC:16667|6q14.1 --- 0016020 // m --- ---  
HGNC:29678|1q22 0007005 // m 0005737 // cy --- ---  
HGNC:26510|8q12.1 0008152 // m 0016020 // m 0008415 // ac ---  
HGNC:26457|19p12 0006350 // tr: 0005622 // in: 0003676 // nt ---  
HGNC:16160|20q13.12 --- 0005634 // nt 0016740 // tr: ---  
HGNC:24080|15q22.2 0007219 // N: 0016020 // m 0005515 // pr ---  
HGNC:8143|N 11q25 0007155 // ce 0005886 // pl: 0004985 // of ---  
HGNC:9259|N 10q22-q23 0006457 // pr 0005624 // m 0003755 // pe ---  
HGNC:7641|N 19q13.32-q13 0006810 // tr: 0005783 // er 0005488 // bi ---  
HGNC:26643|1q42.12 --- --- --- ---  
HGNC:11867|2q32.3 --- 0005576 // ex --- ---  
HGNC:20141|14q32.33 --- 0005737 // cy 0000287 // m ---  
HGNC:15992|20q11.22 0006350 // tr: 0005622 // in: 0003676 // nt ---  
HGNC:25177|17q11.2 --- 0016020 // m --- ---  
HGNC:12518|11q13 0000303 // re 0005739 // m 0005488 // bi Electron\_Transport\_Chain //  
HGNC:25944|1p35.3 0006350 // tr: 0000119 // m 0005515 // pr ---  
HGNC:4940|N 6p21.3 0002504 // ar 0005886 // pl: 0032395 // M ---  
HGNC:17170|9q34.11 0001522 // ps --- 0009982 // ps ---  
HGNC:8857|N 11p11.2 0006625 // pr 0005777 // pe 0008022 // pr ---  
HGNC:37208|18p11.31 --- 0016020 // m --- ---  
HGNC:10984|Xq24 0006810 // tr: 0005739 // m 0005488 // bi Electron\_Transport\_Chain //  
HGNC:30676|4q12 0006810 // tr: --- --- ---  
HGNC:12644|1p36.23 0006461 // pr 0016020 // m --- ---  
HGNC:14275|4q21.1 0006396 // R: 0005622 // in: 0003723 // R ---  
HGNC:24566|9q33.2 0006350 // tr: 0005634 // nt 0003676 // nt ---  
HGNC:10378|17q25 0006390 // tr: 0005622 // in: 0003723 // R ---  
HGNC:26212|4q34.2 0006465 // si: 0005783 // er 0008233 // pe ---  
HGNC:14161|16p13.3 0006397 // m 0005634 // nt --- ---  
HGNC:18455|3p13 0000187 // ac 0005576 // ex 0001664 // G ---  
HGNC:24279|17q12 0006810 // tr: 0005739 // m 0005488 // bi ---  
HGNC:13469|6p21.1-p12.2 0006915 // ar: 0005737 // cy 0004872 // re Apoptosis // GenMAPP  
HGNC:16459|21q21.1 --- --- --- ---  
HGNC:7697|N 7q34 0006120 // m 0005739 // m 0008137 // N: Electron\_Transport\_Chain //  
HGNC:25235|Xq26.3 --- 0016020 // m 0005198 // st: ---  
HGNC:974|M 20q13.2 --- 0005737 // cy 0005515 // pr ---  
HGNC:10723|7p12.1 0002027 // re 0005576 // ex 0004872 // re ---  
HGNC:708|M 1q25.3 0006928 // ce 0005737 // cy 0003779 // ac ---  
HGNC:14044|12p13.3-p13.1 0006412 // tr: 0005739 // m 0003735 // st: ---  
HGNC:3098|N 9q34 0006457 // pr 0005625 // so 0000166 // nt ---  
HGNC:13549|4p12 0006754 // A: 0016020 // m 0000166 // nt ---  
HGNC:28618|17p13.1 --- 0005743 // m --- ---  
HGNC:6838|N 20cen-q13 0000045 // al: 0005737 // cy 0005515 // pr ---  
HGNC:28078|16p11.2 --- --- --- ---  
HGNC:19098|15q22.31 --- --- 0000166 // nt ---  
HGNC:8526|N 14q11.2 0006461 // pr 0005739 // m --- ---  
HGNC:16468|15q22.1 --- 0005739 // m 0016787 // hy ---  
HGNC:5175|N 2q36.3 0001675 // ac 0005634 // nt 0003677 // DI ---

HGNC:1819 E 19q13.2	---	0005886 // pl---	---
HGNC:24110  2q11.2	---	0003676 // nL---	---
HGNC:17330  16q22.1	---	0005634 // nL 0000166 // nL---	---
HGNC:17262  11q13-q13.2	0007049 // ce---	0005515 // pr---	---
HGNC:25593  1q32.3	---	0016020 // m---	---
HGNC:4550 L 17p13	0000188 // in 0000139 // Gr 0005095 // G---	---	---
HGNC:2697 L 19q13.3	0001568 // bl 0005624 // m 0000166 // nL S1P_Signaling // GenMAPP	---	---
HGNC:17380  12q24.11	0006928 // ce 0005654 // nL 0003779 // ac---	---	---
HGNC:26567  2p22.2	---	0005737 // cy 0005488 // bi---	---
HGNC:24890  12q	---	0016020 // m 0016740 // tr---	---
HGNC:22203  7p21.3	---	0005515 // pr---	---
HGNC:34403  15q25.1	---	0005737 // cy 0016301 // kii---	---
HGNC:16505  17q25.3	0006810 // tr: 0005737 // cy 0004601 // pe---	---	---
HGNC:4054 L 1p35	0001836 // re 0005634 // nL 0005515 // pr---	---	---
HGNC:17041  4q28	0006457 // pr 0005634 // nL 0000166 // nL---	---	---
HGNC:3012 L 1p22	0006145 // pl 0005737 // cy 0003824 // ca---	---	---
HGNC:6644 L 1p22.3	0001843 // ne 0005667 // tr: 0003700 // tr---	---	---
HGNC:25140  1q24.2	0006810 // tr: 0016020 // m---	---	---
HGNC:26948  1p34.2	---	0008903 // hy---	---
HGNC:26406  4q28.2	0045162 // cl: 0005737 // cy 0017080 // so---	---	---
HGNC:17146  16q13	0007165 // si: 0005737 // cy 0005083 // sn---	---	---
HGNC:7802 L 11q24-q25	0006366 // tr: 0005634 // nL 0003677 // DI---	---	---
HGNC:11394  2q35	0006461 // pr 0016020 // m 0000166 // nL---	---	---
HGNC:17932  19q13.1-q13.2	0000079 // re 0005634 // nL 0005515 // pr---	---	---
HGNC:25085  Xp11.21	---	---	---
HGNC:8654 L 3q21-q22	---	0005739 // m 0004658 // pr---	---
HGNC:21314  2q37.3	---	---	---
HGNC:25604  7q22.1	---	---	---
HGNC:25569  11q23.1	---	---	---
HGNC:19239  1q21.2	0006810 // tr: 0005887 // in: 0005215 // tr---	---	---
HGNC:1528 L 7q31.1	0001764 // ne 0000139 // Gr 0004713 // pr Integrin-mediated_cell_adhe	---	---
HGNC:22421  7p22.3	---	---	---
HGNC:9608 L 3p22-p21.1	0001501 // sk 0005622 // in: 0004871 // si: GPCRDB_Class_B_Secretin-li	---	---
HGNC:26814  12q24.31	---	0005737 // cy---	---
HGNC:26879  1q43	0008152 // m 0016020 // m 0003824 // ca---	---	---
HGNC:31311 13q21.31	---	---	---
HGNC:13179  12q13	0006350 // tr: 0005622 // in: 0003676 // nL---	---	---
HGNC:16858  10p13	0032313 // re 0005622 // in: 0005096 // G---	---	---
HGNC:25133  2q33.1	0006412 // tr: 0005737 // cy 0000166 // nL---	---	---
HGNC:19943  11q23.3	0006350 // tr: 0005634 // nL 0003677 // DI---	---	---
HGNC:4274 L 6q21-q23.2	0006810 // tr: 0005886 // pl 0004871 // si: Calcium_regulation_in_cardi	---	---
HGNC:28434  Xq28	---	---	---
HGNC:26638  19p13.2	---	---	---
HGNC:29918  3p21.31	---	0005634 // nL---	---
HGNC:5384 L 15q25.1-q25.2	0005975 // ca 0005739 // m 0000287 // m Krebs-TCA_Cycle // GenMAP	---	---
HGNC:13870  16q12.2	0000398 // nL 0005634 // nL 0003723 // R mRNA_processing_Reactom	---	---
HGNC:28289  19q13.2	---	---	---
HGNC:6804 L Xq28	---	0005515 // pr---	---

HGNC:11723 12q12-q13	0006915 // af 0005626 // in:---	---
HGNC:4740 15q31.3-q32	0006334 // nl 0000786 // nl 0003677 // DI---	---
HGNC:15446 19q13.42	0000244 // as 0005634 // nl 0003676 // nl---	---
HGNC:17562 1p34.3	0006397 // m 0005634 // nl 0003723 // R---	---
HGNC:23501 3q26.1	0007409 // ax 0016020 // m 0005515 // pr---	---
HGNC:4010 16p11.2	0001975 // re 0005622 // in: 0000166 // nl mRNA_processing_Reactom	---
HGNC:30143 17q21.3	--- 0005634 // nl---	---
HGNC:3595 14q35	0007155 // ce 0005886 // pl 0005509 // ca---	---
HGNC:23326 3p14.3	0006468 // pr 0005737 // cy 0000166 // nl---	---
HGNC:23503 13q31.1	0007409 // ax 0016020 // m 0005515 // pr---	---
HGNC:28359 11q12.2	0044419 // in: 0005634 // nl---	---
HGNC:20996 19p13.12	0006333 // ch 0000785 // ch 0005515 // pr---	---
HGNC:26317 11p13	0006508 // pr 0005739 // m 0008233 // pe---	---
HGNC:2978 12p23	0000122 // ne 0000791 // el 0003677 // DI---	---
HGNC:19426 14q12	0000059 // pr 0005634 // nl 0005488 // bi---	---
NA NA	---	---
HGNC:1096 11q41	0006139 // nl 0005829 // cy 0000287 // m---	---
HGNC:16098 20q11.22-q11	0006350 // tr: 0005622 // in: 0003676 // nl---	---
HGNC:8946 18q21.11	--- 0005576 // ex 0004866 // er---	---
HGNC:28412 12q13.3	0006281 // DI 0005634 // nl 0003676 // nl---	---
HGNC:21606 6q27	--- 0005739 // m---	---
- 18p11.31	---	---
HGNC:24257 12q14.1 12q1	--- 0016020 // m 0005515 // pr---	---
HGNC:23040 6q21	---	---
HGNC:9907 12q24.2	0006260 // DI 0005634 // nl 0000166 // nl---	---
MIM:608238 15q21.2	--- 0016020 // m 0004190 // as---	---
HGNC:7190 16p21.3	0006777 // M 0019008 // m 0000166 // nl---	---
HGNC:16998 14q24.3	0006810 // tr: 0000139 // Gc 0005515 // pr mRNA_processing_Reactom	---
HGNC:2303 14q32.3	0006464 // pr 0005576 // ex 0004180 // ca---	---
HGNC:10977 20p13	0006810 // tr: 0016020 // m 0005509 // ca---	---
HGNC:2750 11q25	0000398 // nl 0005622 // in: 0000166 // nl mRNA_processing_Reactom	---
- 22q11.21	---	---
HGNC:10580 Xp22.2-p22.1	0006350 // tr: 0005634 // nl 0003677 // DI---	---
HGNC:20072 17p13.1	0006511 // ut---	0004221 // ut---
HGNC:1122 13p25	0006807 // ni 0005576 // ex 0004075 // bi---	---
HGNC:18859 19q13.2	0001568 // bl 0005624 // m 0000166 // nl S1P_Signaling // GenMAPP	---
HGNC:11773 3p22	0001568 // bl 0005737 // cy 0000166 // nl TGF_Beta_Signaling_Pathwa	---
HGNC:16692 19p13.3-p13.1	0001558 // re 0005783 // er 0008083 // gr---	---
HGNC:20276 14q12	--- --- 0005488 // bi---	---
HGNC:18656 6p24.3	--- --- 0000166 // nl---	---
HGNC:29804 22q13.1-q13.2	--- 0005737 // cy 0008270 // zir---	---
HGNC:5125 12q13.3	0001942 // hz 0005634 // nl 0003677 // DI---	---
HGNC:20619 6q21	0007010 // cy 0005737 // cy 0004497 // m---	---
HGNC:19859 14q32.12	--- 0005634 // nl---	---
HGNC:28052 22q13.31-q13	0009987 // ce 0005634 // nl 0004177 // ar---	---
HGNC:18151 Xq23	0006810 // tr: 0005622 // in: 0005515 // pr---	---
HGNC:25171 19p13.11	---	---
HGNC:21785 7q21.2	---	---

HGNC:11787|1q21 0007155 // ce 0005576 // ex 0005198 // st Inflammatory\_Response\_Pai  
 HGNC:8779|11p15.1 0006198 // ca 0005783 // er 0003824 // ca ---  
 HGNC:11296|1p36-p22 0008295 // sp --- 0003824 // ca Nucleotide\_Metabolism // G  
 HGNC:30251|10p12.3-p11.2 --- 0005737 // cy --- ---  
 HGNC:20322|13q32.3 0001843 // ne 0005622 // in 0003676 // nu ---  
 HGNC:26515|12q13.3 --- 0005739 // m --- ---  
 HGNC:24520|2p22.3 --- --- --- ---  
 HGNC:28585|22q13.1 0007605 // se 0005634 // nu 0003723 // R ---  
 HGNC:24255|1q41 --- --- 0005515 // pr ---  
 HGNC:10982|2q24 0006810 // tr 0005739 // m 0005215 // tr ---  
 HGNC:23087|17p13.3 0006810 // tr 0005886 // pl 0015179 // L ---  
 HGNC:6186|15q14-q15 0008152 // m 0005739 // m 0003995 // ac ---  
 HGNC:5211|16q24.1-q24.2 0006694 // st 0005789 // er 0003824 // ca Steroid\_Biosynthesis // Gen  
 HGNC:29572|19q13.12 0001889 // liv 0005634 // nu 0004872 // re ---  
 HGNC:11171|15q12 0008380 // R 0005634 // nu 0003676 // nu mRNA\_processing\_binding\_I  
 HGNC:5476|4q12 0001558 // re 0005576 // ex 0005515 // pr ---  
 HGNC:25373|2p24.2 --- 0005622 // in --- ---  
 HGNC:7530|12q24 0006694 // st 0005737 // cy 0000166 // nu Cholesterol\_Biosynthesis // C  
 HGNC:1888|3p12-p11.1 0006350 // tr 0005634 // nu 0003677 // D ---  
 HGNC:2361|14q32.3 0008284 // pc --- 0008270 // zir ---  
 HGNC:20776|18p11.21 0007017 // m 0005874 // m 0000166 // nu ---  
 HGNC:28221|15q24.1 0006464 // pr --- 0005515 // pr ---  
 HGNC:29499|5q15 0006508 // pr 0005783 // er 0004177 // ar ---  
 HGNC:29471|11q23.1 --- 0001726 // ru 0005488 // bi ---  
 HGNC:1544|18q22.3 --- 0016020 // m --- ---  
 HGNC:13518|1p36.11 0006810 // tr 0005622 // in 0005216 // io ---  
 HGNC:17310|Xp11.23 0006626 // pr 0005739 // m 0008565 // pr ---  
 HGNC:18142|14q23.1 0016043 // ce 0005737 // cy 0003779 // ac ---  
 HGNC:11853|3q21-q25 --- 0005887 // in --- ---  
 HGNC:10968|5q31.1 0006641 // tri 0005739 // m 0000166 // nu ---  
 HGNC:14504|1p35-p34.1 0006412 // tr 0005622 // in 0003735 // st ---  
 HGNC:9774|12q24.31 0000910 // cy 0005886 // pl 0000166 // nu ---  
 HGNC:12563|3q13 0006207 // 'd 0005634 // nu 0003824 // ca ---  
 HGNC:7377|8p23.1 0006464 // pr --- 0008113 // pe ---  
 HGNC:17589|11q13.3 --- --- --- ---  
 HGNC:10941|5p13 0001504 // ne 0005624 // m 0005313 // L ---  
 HGNC:28337|9p21.2 --- --- --- ---  
 HGNC:26045|1q21.3 --- 0005576 // ex --- ---  
 HGNC:30349|22q13.2 0006139 // nu 0005634 // nu 0003899 // D RNA\_transcription\_Reactom  
 HGNC:21176|6q25.1 --- --- --- ---  
 HGNC:18318|20q11.1 0006350 // tr 0005634 // nu 0005515 // pr ---  
 HGNC:15519|8q24.3 0000463 // m 0005634 // nu 0005515 // pr ---  
 HGNC:8584|18q21.3 0006916 // ar 0005576 // ex 0004252 // se Blood\_Clotting\_Cascade // C  
 HGNC:21646|7q11.23 0001833 // in 0000922 // sp 0005515 // pr ---  
 HGNC:13916|6p21.33 0006091 // ge 0005576 // ex 0005319 // lip ---  
 HGNC:12012|1q21.2 0006928 // ce 0005634 // nu 0003779 // ac ---  
 HGNC:7150|16q24 0006084 // ac 0005737 // cy 0004492 // m ---  
 HGNC:24974|22q11.1-22q1 0006396 // R 0005634 // nu 0000166 // nu ---

HGNC:20277 14q12	0019478 // D- 0005737 // cy 0016787 // hy---
HGNC:10066 4p16.3	0006350 // tr:--- 0005515 // pr---
HGNC:20992 6p25.1	0008033 // tR 0005634 // nL 0004526 // rIt---
HGNC:14479 11q13.3	0006412 // tr: 0005622 // in: 0003723 // R---
HGNC:16018 7q31.3	0006810 // tr: 0016020 // m 0005509 // ca---
HGNC:8051 12q21	0007242 // in: 0005622 // in: 0000287 // m---
HGNC:9538 16q22.1	0006508 // pr 0000502 // pr 0003824 // ca Proteasome_Degradation //
HGNC:6147 17p13	0007155 // ce 0008305 // in: 0000287 // m Integrin-mediated_cell_adhe
HGNC:17397 11q13.1	0009615 // re 0005634 // nL 0003677 // DI---
HGNC:6555 8p21.2-p21.1	--- 0005737 // cy 0004872 // re---
HGNC:2713 9p13	0000910 // cy 0000777 // cc 0005198 // st---
MIM:610864 1q32.3	--- --- --- ---
HGNC:28715 1q21.1	--- --- --- ---
HGNC:1862 9p23-p22	0008285 // nL 0005576 // ex 0005125 // cy---
HGNC:16154 20q13.12	0006810 // tr:--- 0005515 // pr---
HGNC:28106 17q11.2	0001558 // re 0016020 // m --- ---
HGNC:11929 13q32-q34	0001782 // B 0005576 // ex 0005102 // re---
HGNC:385 M 10p15-p14	0006629 // liç 0005737 // cy 0016491 // oX---
HGNC:9449 20p13	0006878 // ce 0005737 // cy 0005507 // co---
HGNC:1050 22q11.1	0001836 // re 0005624 // m 0005123 // de Apoptosis // GenMAPP /// A
HGNC:19234 8p12	0006457 // pr 0000139 // Gc 0008417 // fu---
HGNC:9919 3q23	0006776 // vii 0005737 // cy 0005215 // tr:---
- 3q25.1	--- --- --- ---
HGNC:11180 6q25.3	0000302 // re 0005739 // m 0004784 // su---
HGNC:1943 2q31.1	0007165 // siç 0005622 // in: 0005070 // St---
HGNC:20293 13q33.3	--- 0016020 // m 0016787 // hy---
HGNC:17126 7q36	--- 0016020 // m --- ---
HGNC:377 M 6q23	0006811 // io 0005622 // in: 0003824 // ca G_Protein_Signaling // GenL
HGNC:28530 1p35.3	--- --- --- ---
HGNC:7060 12p13.1-p12.1	0001502 // ca 0005576 // ex 0005201 // ex---
HGNC:24742 9q34	--- --- --- ---
HGNC:24993 3q25.1	--- --- 0005515 // pr---
HGNC:15873 20p13	0006412 // tr: 0005737 // cy 0000166 // nL---
- 22q11.1	0032196 // tr: 0005886 // pl: 0005198 // st---
HGNC:21647 7p13	0019941 // m --- 0004842 // uK---
MIM:611693 11q24.1	--- 0005634 // nL --- ---
HGNC:10293 2q32-q33.3	0005975 // ca 0005829 // cy 0003824 // ca Pentose_Phosphate_Pathwa
HGNC:22934 11q22.3	--- --- 0005515 // pr---
HGNC:15860 20q13.33	0000245 // sp 0005622 // in: 0003713 // tr: mRNA_processing_Reactom
HGNC:17697 19q13.2	0006412 // tr: 0005737 // cy 0000166 // nL---
HGNC:23316 12q13	0006629 // liç 0005622 // in: 0003824 // ca---
HGNC:667 M 3p21.3	0000902 // ce 0005622 // in: 0000166 // nL G13_Signaling_Pathway // G
HGNC:20856 8p11.21	0001935 // er 0005634 // nL 0003676 // nL---
HGNC:11277 9q22.2	0006665 // sp 0005783 // er 0003824 // ca---
HGNC:15940 20q13.2	0006350 // tr: 0005622 // in: 0003676 // nL---
HGNC:9386 7q36.1	0001934 // pç 0005634 // nL 0004862 // cA Fatty_Acid_Synthesis // Gen
HGNC:8661 13q14.3-q21.1	0007155 // ce 0005886 // pl: 0005509 // ca---
HGNC:20881 6p24.1	--- --- --- ---

HGNC:4140|13q13.1-q13.2 0007205 // ac 0005886 // pl 0005515 // pr ---  
HGNC:4330|5q14 0006810 // tr: 0005737 // cy 0009055 // el ---  
HGNC:7876|7q36 0001525 // ar 0000139 // Gr 0003785 // ac ACE-Inhibitor\_pathway\_Phai  
HGNC:25153|19p13.11 0006810 // tr: 0005634 // nL 0017124 // St ---  
HGNC:28152|2p23.3 0007059 // ch 0000775 // ch 0005515 // pr Calcium\_regulation\_in\_cardi  
HGNC:646|M Xp11.4-p11.2 0006464 // pr 0005626 // in: 0000166 // nL MAPK\_Cascade // GenMAPP  
HGNC:3358|6q22 0006796 // pl 0005576 // ex 0003676 // nL ---  
HGNC:16709|2q32.1 0007165 // si 0005886 // pl 0004871 // si GPCRDB\_Class\_B\_Secretin-li  
HGNC:23063|13q14.2 --- --- 0000287 // m ---  
HGNC:20075|4q12 0006511 // ut --- 0004221 // ut ---  
HGNC:5401|2q37.1 0006350 // tr: 0005634 // nL 0003677 // DI ---  
Ensembl:ENSC1p36.21 0031424 // ke 0005634 // nL --- ---  
HGNC:26074|12q23.2 --- 0005634 // nL 0003677 // DI ---  
HGNC:20335|4q31.1 --- 0005634 // nL --- ---  
HGNC:23727|10q26.11 0006511 // ut 0031461 // cu 0031625 // ut ---  
HGNC:3522|6q23 0006350 // tr: 0005634 // nL 0000287 // m ---  
HGNC:23707|19p12 0006350 // tr: 0005622 // in: 0003676 // nL ---  
HGNC:16443|6q21 --- 0005886 // pl --- ---  
HGNC:2091|4q2-q3|5q35 0006886 // in: 0005905 // cc 0005198 // st ---  
HGNC:21390|6q14.2 0001756 // sc 0005634 // nL 0005515 // pr ---  
HGNC:9874|1q24 0007165 // si 0005622 // in: 0005096 // GI ---  
HGNC:13390|2q33 0045893 // pc 0005737 // cy 0008134 // tr: ---  
HGNC:18626|22q13.1 0007264 // sn --- 0000166 // nL ---  
HGNC:17057|19q13.33 0006915 // ar 0005622 // in: 0005515 // pr ---  
HGNC:23196|10q23.33 0006810 // tr: 0000145 // ex --- ---  
HGNC:15589|Xp21.1 0006886 // in: 0016020 // m 0005515 // pr ---  
HGNC:28209|3q29 --- --- --- ---  
HGNC:33955|7q33 --- --- --- ---  
HGNC:17094|3q27 0006412 // tr: 0005622 // in: 0003735 // st ---  
HGNC:3968|Xq22.1 0007548 // se 0000775 // ch --- ---  
HGNC:10659|8q22-q23 --- 0005887 // in: 0005515 // pr ---  
HGNC:26147|2p23.3 0006508 // pr 0005634 // nL 0004181 // m ---  
HGNC:21180|6q24.3 --- --- --- ---  
HGNC:33882|17p13.3 0030036 // ac 0005783 // er 0004437 // in ---  
HGNC:9051|8p12 0001666 // re 0005576 // ex 0003824 // ca Blood\_Clotting\_Cascade // C  
HGNC:9847|22q11.21 0007051 // sp 0005634 // nL 0005092 // GI ---  
HGNC:33098 4q26 --- --- --- ---  
HGNC:26186|1p34.1 --- 0016020 // m --- ---  
HGNC:28318|1p31.1 --- --- 0005515 // pr ---  
HGNC:12490|11q12 0006464 // pr 0005737 // cy 0004842 // ut ---  
HGNC:25679|12q13.13 --- --- --- ---  
HGNC:25769|19p13.2 --- --- --- ---  
HGNC:16511|5q31 0007049 // ce 0031105 // se 0000166 // nL ---  
HGNC:9066|16q24.1 0002316 // fo 0005886 // pl 0004435 // pl Smooth\_muscle\_contractior  
HGNC:25846|8q24.3 0006561 // pr --- 0003824 // ca ---  
HGNC:20489|14q23.2 --- 0005737 // cy --- ---  
HGNC:11321|9q34.3 --- 0005634 // nL 0042802 // id ---  
HGNC:21351|6p12.3 --- --- --- ---

HGNC:349 M 3q27	0001501 // sk 0005576 // ex 0004869 // cy ---
HGNC:13593  15q24.2	0006464 // pr --- 0004842 // uk ---
HGNC:16967  15q21.2	0045722 // pr 0005737 // cy 0005102 // re ---
HGNC:6996  5q14	0006350 // tr: 0005634 // nl 0003677 // DI ---
HGNC:17328  6p22.3	0006996 // or 0005634 // nl 0005515 // pr ---
HGNC:26425  2q31.2	0030030 // ce 0005929 // cil 0005488 // bi ---
HGNC:1589  19q12	0000082 // G: 0005634 // nl 0003713 // tr: Cell_cycle_KEGG // GenMAP
HGNC:23287  19q13.31	--- 0005634 // nl 0008270 // zir ---
HGNC:4166  16q24.3	0006810 // tr: 0005737 // cy 0005496 // st ---
HGNC:15461  3p21.1	--- 0005576 // ex 0008083 // gr ---
HGNC:23656  19q13.2	0006470 // pr 0005634 // nl 0003723 // R ---
HGNC:24596  17q22	0007017 // m 0005737 // cy 0003774 // m ---
HGNC:16666  3p21.31	0007018 // m 0005874 // m 0000166 // nl ---
HGNC:11210  11q24.2	0007165 // si 0016020 // m 0008603 // cA ---
HGNC:6387  14q32.3	0008088 // ax 0005737 // cy 0003774 // m ---
HGNC:4289  1Xp21.3	0005975 // ca 0005737 // cy 0000166 // nl ---
HGNC:21906  7q32.3-q33	--- 0005739 // m 0005515 // pr ---
HGNC:2858  2p13	0006139 // nl 0005739 // m 0000166 // nl ---
HGNC:19179  3p22.3	0006935 // ch 0005615 // ex 0005125 // cy ---
HGNC:18889  12p13.2	0006468 // pr 0005886 // pl 0000166 // nl ---
HGNC:4178 1q21	0005975 // ca 0005764 // ly: 0003824 // ca ---
HGNC:31802  1p34	0006631 // fa 0005624 // m 0004040 // ar ---
HGNC:25730  15q26.3	0045104 // in: 0005624 // m 0005198 // st ---
HGNC:318 M 4q32-q33	0006517 // pr 0005764 // ly: 0003948 // N ---
HGNC:21769  7q22.1	--- --- 0005515 // pr ---
HGNC:5350  1p36.21	0001701 // in 0005624 // m 0003880 // C ---
HGNC:8632  1q23	0002326 // B 0005634 // nl 0003677 // DI ---
HGNC:20284  14q24.2	0051056 // re 0005622 // in: 0005096 // G ---
HGNC:18755  2p12	--- 0005622 // in: 0003677 // DI ---
HGNC:14462  20q11.21-q11	0007283 // sp 0005737 // cy --- ---
HGNC:18477  1p36.13	0042254 // rit 0005622 // in: --- ---
HGNC:11109  17q21.2	0006337 // nl 0000228 // nl 0003677 // DI ---
HGNC:5457  3p21.3	0008283 // ce --- 0005488 // bi ---
HGNC:20664  7p13	0006334 // nl 0000786 // nl 0003677 // DI ---
HGNC:25458  17q25	--- 0016020 // m --- ---
HGNC:28095  12q24.23	--- --- --- ---
HGNC:9112  1q12	0001501 // sk 0000444 // M 0003713 // tr: ---
HGNC:9465  1Xp22.3-p22.2	0006139 // nl --- 0000287 // m Nucleotide_Metabolism // G
HGNC:14972  7p22.3	0006810 // tr: --- 0005515 // pr ---
HGNC:11447  -	0006470 // pr --- 0004721 // pl ---
HGNC:15998  12q14.3	--- 0005634 // nl 0000166 // nl ---
HGNC:17298  8p11.23	0006350 // tr: 0005634 // nl 0003743 // tr: ---
HGNC:28213  4q22.1	0006506 // GI 0000506 // gl 0005515 // pr ---
HGNC:28956  3p22.3	0005975 // ca 0005737 // cy 0003824 // ca ---
HGNC:27696  2p25.1	0006629 // lip --- 0016787 // hy ---
HGNC:29917  12q15	--- 0005634 // nl --- ---
HGNC:20194  6p21.1	0006350 // tr: 0005634 // nl 0003677 // DI ---
HGNC:9630  7q33-q34	0001503 // os 0005576 // ex 0004864 // pl ---

HGNC:4724|N 6p22.2-p21.1 0006334 // nL 0000786 // nL 0003677 // DI---  
HGNC:14278|8q22.1-q22.3 0006412 // tr: 0005622 // in: 0003735 // st---  
HGNC:7864|N 16q24 --- 0005634 // nL --- ---  
HGNC:24956|1p13.2 0007275 // m 0005576 // ex--- ---  
HGNC:30779|12q24.1 0006350 // tr: 0005739 // m --- ---  
HGNC:30189|Xp22.33; Yp11--- 0005622 // in: 0000166 // nL ---  
HGNC:11533|2p25 0006350 // tr: 0005634 // nL 0003677 // DI---  
HGNC:12520|22q11.21 0001501 // sk --- 0004843 // uk---  
HGNC:6396|N 13q14.3 0006461 // pr 0005634 // nL 0005488 // bi ---  
HGNC:16787|1q24-q25 0006986 // re 0005783 // er 0004571 // m ---  
HGNC:17010|7p15 0006611 // pr 0005634 // nL 0003676 // nL ---  
HGNC:28840|1p36.21 --- --- --- ---  
HGNC:9003|N 11q13 0006629 // li: 0005622 // in: 0005509 // ca---  
HGNC:20300|15q15.1 0007049 // ce 0000775 // ch 0005515 // pr ---  
HGNC:28338|12p11.21 --- 0016020 // m --- ---  
HGNC:7686|N 19q13.42 0006120 // m 0005739 // m 0008137 // N Electron\_Transport\_Chain //  
HGNC:1703|N 6p23 0006952 // de 0005886 // pl --- ---  
HGNC:24970|12p13.3 --- 0005882 // in: --- ---  
HGNC:9542|N 14q11.2 0006511 // uk 0000502 // pr 0004175 // er Proteasome\_Degradation //  
HGNC:123|M 11p11.2-p11.1 0001501 // sk 0005764 // ly: 0001784 // pl ---  
HGNC:19347|12q24.11-q24 0006350 // tr: 0005634 // nL 0003677 // DI---  
HGNC:8860|N 6q23.3 0001764 // ne 0005737 // cy 0005053 // pe---  
HGNC:2347|N 9pter-p22.1 0006350 // tr: 0005634 // nL 0003677 // DI G1\_to\_S\_cell\_cycle\_Reactor  
HGNC:28237|17q25.3 0006810 // tr: 0016020 // m 0031402 // so---  
HGNC:5233|N 6p21.3 0006402 // m 0005634 // nL 0000166 // nL ---  
HGNC:26965|11p11.2 0006470 // pr 0005739 // m 0004439 // pl Electron\_Transport\_Chain //  
HGNC:11440|11q12.3 0006810 // tr: 0000139 // G: 0005484 // S---  
HGNC:15870|20q11.23 --- --- 0005515 // pr ---  
HGNC:22964|1p34.3 0006350 // tr: 0000119 // m 0000166 // nL ---  
HGNC:9568|N 14q11.2 0019884 // ar 0000502 // pr 0005515 // pr Proteasome\_Degradation //  
HGNC:12618|11q23.3 0006511 // uk 0005737 // cy 0004197 // cy---  
HGNC:18750|20p11.22 0006897 // er 0005737 // cy 0005083 // sn---  
HGNC:10908|12q13 0006810 // tr: 0005765 // ly: 0005215 // tr: ---  
HGNC:11562|2q24-q31 0007165 // si: 0005737 // cy 0005515 // pr ---  
HGNC:7659|N 3q29 0000387 // sp 0005634 // nL 0000166 // nL mRNA\_processing\_Reactor  
HGNC:19949|7q22 0008033 // tR 0005634 // nL 0003676 // nL ---  
HGNC:11979|17q21 0007184 // S: 0005737 // cy 0003714 // tr: ---  
HGNC:25591|8p21.1 --- --- --- ---  
HGNC:18175|6q16.2 0006071 // gl: 0005739 // m 0004395 // he---  
HGNC:28163|1p35.1 --- --- --- ---  
HGNC:5321|N 3p21.3 0005975 // ca 0005764 // ly: 0003824 // ca---  
HGNC:16712|4q31.3 0016567 // pr 0005634 // nL 0005515 // pr ---  
HGNC:12766|4p16.3 0006350 // tr: 0005634 // nL 0003677 // DI---  
HGNC:9019|N 20q12-q13.1 0000122 // ne 0005625 // so 0004860 // pr Calcium\_regulation\_in\_cardi  
HGNC:24101|7q21 0046685 // re --- 0005515 // pr ---  
HGNC:3078|N 15q15-q21.1 0006139 // nL 0005634 // nL 0000287 // m ---  
HGNC:14312|2p21 --- 0005737 // cy --- ---  
HGNC:12635|6q24 0006936 // m 0005624 // m 0003779 // ac---



HGNC:19159|9q34.11 --- 0016020 // m 0008270 // zir ---  
HGNC:13646|8q22.1 0006810 // tr:0012505 // er --- ---  
HGNC:20594|9q34.3 0001525 // ar 0005576 // ex 0005509 // ca ---  
HGNC:31865|4q13.3 0000105 // hi --- 0000287 // m ---  
HGNC:12482|1q42|17p13.2 0006511 // ut --- 0004842 // ut ---  
HGNC:8013|Xq13.3 0006350 // tr:0000785 // ch 0003677 // DI ---  
HGNC:25792|16q21 --- --- --- ---  
HGNC:21306|19p13.3 --- --- --- ---  
HGNC:4926|6p21.3 0006457 // pr 0016272 // pr 0004886 // re ---  
- 12q24.33 --- --- --- ---  
HGNC:29796|1q22 0000186 // ac 0000139 // Gc 0004653 // pc ---  
HGNC:6181|12p11 0001666 // re 0005783 // er 0004872 // re Calcium\_regulation\_in\_cardi  
HGNC:10250|3p12.3 0001656 // m 0009986 // ce 0004872 // re ---  
HGNC:25231|1p33-p32.1 --- 0016020 // m --- ---  
HGNC:10700|1q21.1 0006810 // tr:0000139 // Gc 0005515 // pr ---  
HGNC:24114|1p36.33 0045839 // ne 0005634 // nl 0005515 // pr ---  
HGNC:1346|5p13 0006955 // ir 0005576 // ex --- Complement\_Activation\_Cla  
HGNC:7700|3q26.33 0006120 // m 0005739 // m 0008137 // N Electron\_Transport\_Chain // N  
HGNC:28314|8q12.1 --- --- --- ---  
HGNC:17851|11q23.1-q23.2 0006139 // nl 0005622 // in 0000166 // nl ---  
HGNC:990|M 18q21.33|18c 0000082 // G: 0000159 // pr 0002020 // pr Apoptosis // GenMAPP /// A  
HGNC:7214|16q23.3 0000087 // M 0005634 // nl 0005515 // pr ---  
HGNC:10491 7q22.1 0007165 // si 0001726 // ru 0005509 // ca ---  
HGNC:11997|1q25.2 0051085 // ch 0005737 // cy 0000166 // nl ---  
HGNC:26036|4p12 --- --- 0005515 // pr ---  
HGNC:19382|12q 0001558 // re 0005737 // cy 0005070 // S ---  
HGNC:30856|2q21.1 0006364 // rR 0005634 // nl 0003676 // nl ---  
HGNC:25474|13q14.11 0006810 // tr:0005576 // ex 0000166 // nl ---  
HGNC:8895|5q22.3 0018348 // pr 0005953 // C 0003824 // ca ---  
HGNC:12463|17p12-p11.2 0006464 // pr 0005634 // nl 0005515 // pr DNA\_replication\_Reactome  
HGNC:6876|6p21.3-p21.2 0006468 // pr 0005634 // nl 0000166 // nl MAPK\_Cascade // GenMAPP  
HGNC:9035|1q25 0006663 // pl 0005737 // cy 0004620 // pl Prostaglandin\_synthesis\_reg  
HGNC:10985|13q14 0000050 // ur 0005739 // m 0000064 // L ---  
HGNC:21059|6p21.1 0007096 // re 0005634 // nl 0005515 // pr ---  
HGNC:30077|5q22-q23 --- 0016020 // m 0004872 // re ---  
HGNC:23633|9p24.1 --- 0005739 // m --- ---  
HGNC:14402|7q32-q34 0006350 // tr:0005634 // nl 0000166 // nl ---  
HGNC:27339|2q13 --- 0016020 // m --- ---  
HGNC:11544|6p21.31 0006350 // tr:0005634 // nl 0003677 // DI ---  
HGNC:34437|4p16.3 --- --- --- ---  
HGNC:18265|1q31.3 0006810 // tr:0016471 // va 0015078 // hy ---  
HGNC:28437|3p25.3 0001522 // ps --- 0003723 // R ---  
HGNC:1340|6p21.31 --- 0005576 // ex --- ---  
HGNC:26091|8q24.13 0008033 // tR --- 0008168 // m ---  
HGNC:14560|15q24-q25 --- 0016020 // m 0005498 // st ---  
HGNC:24285|8q21.3 --- 0005737 // cy 0005488 // bi ---  
HGNC:14889|3q27.3 0006457 // pr 0005634 // nl 0005515 // pr ---  
HGNC:13302|6q16.1-q16.3 0007165 // si 0005886 // pl 0004871 // si GPCRDB\_Class\_A\_Rhodopsir

HGNC:5100|17p15-p14 0006350 // tr:0005634 // nt:0003677 // DI---  
HGNC:10291|7p22 0000718 // nt:0005634 // nt:0003697 // sir:DNA\_replication\_Reactome  
HGNC:9551|19q13.11-q13 0001824 // bl:0000502 // pr:0000166 // nt:Proteasome\_Degradation //  
HGNC:26467|3p25.1 0006810 // tr:0005739 // m --- ---  
HGNC:19901|Xp11.21 0007165 // sig:0005634 // nt:0000166 // nt ---  
HGNC:27025|4q28.2 --- --- --- ---  
HGNC:30512|Xq24 --- 0005737 // cy --- ---  
HGNC:20785|1p13.2 0007264 // sn:0005622 // in:0000166 // nt ---  
HGNC:1507|14q25 0006508 // pr:0005737 // cy:0004197 // cy:Apoptosis // GenMAPP /// A  
HGNC:4823|16p13.3 0006810 // tr:0005833 // hε:0005344 // ox ---  
HGNC:2509|15q31 0007155 // ce:0005737 // cy:0005198 // st: ---  
HGNC:16829|3p21.2 0006364 // rR:0005634 // nt:0003723 // R ---  
HGNC:25722|15q26.1 0006915 // aϕ:0005622 // in:0003676 // nt ---  
HGNC:1421|13p21.31 0006810 // tr:0005739 // m:0005215 // tr:Fatty\_Acid\_Degradation // G  
HGNC:28207|3p21.31 --- --- --- ---  
HGNC:494|M 10q21 0006605 // pr:0005624 // m:0005515 // pr ---  
HGNC:30887|16q24.3 0006810 // tr:0005622 // in: --- ---  
HGNC:9794|19q13.2 --- 0005737 // cy:0005515 // pr ---  
HGNC:25935|10q26.13 --- --- --- ---  
HGNC:1109|E 7q21.3 --- --- --- ---  
HGNC:2015|1p31-p22 0006810 // tr:0005576 // ex:0005254 // ch ---  
HGNC:9897|E 21q11 --- --- 0000166 // nt ---  
HGNC:28050|16q13-q21 0006915 // aϕ:0005737 // cy --- ---  
HGNC:9772|16q24.3 0007264 // sn:0005739 // m:0000166 // nt ---  
HGNC:32964|5q31.2 --- 0005622 // in:0000166 // nt ---  
HGNC:9782|19q13.2 0006810 // tr:0005622 // in:0000166 // nt ---  
HGNC:17228|8q21.3-q22 0000724 // dc:0005634 // nt:0000166 // nt ---  
HGNC:13630|19q13 --- 0005634 // nt:0005515 // pr ---  
HGNC:1273|121q22.3 --- 0005739 // m --- ---  
HGNC:25538|1q25.1 0006412 // tr:0005737 // cy:0000166 // nt ---  
HGNC:4177|11q21 0005975 // ca:0005764 // ly:0003824 // ca ---  
HGNC:24293|5q23.3 --- 0005794 // G:0016740 // tr: ---  
HGNC:19055|16q22.1 0006364 // rR:0000178 // ex:0000175 // 3' ---  
HGNC:7639|11Xq21.3-q22 0006334 // nt:0005634 // nt --- ---  
HGNC:16632|13q14.11 --- 0005739 // m:0019904 // pr ---  
HGNC:6874|122q13.33 0006468 // pr:0005737 // cy:0000166 // nt: Integrin-mediated\_cell\_adhe  
HGNC:15608|10q24.32 0006364 // rR:0005634 // nt:0000166 // nt ---  
HGNC:20798|17q21.33 0006810 // tr:0005783 // er:0005351 // su ---  
HGNC:7179|114q24.3 0006573 // va:0005739 // m:0000062 // ac ---  
HGNC:21396|3p21 0006629 // liϕ:0005737 // cy:0005515 // pr ---  
HGNC:17317|17p13 0006810 // tr:0005739 // m:0005515 // pr ---  
HGNC:14517|10q24.31 0006412 // tr:0005739 // m:0003735 // st: ---  
HGNC:9900|11Xp11.2 0006396 // R --- 0000166 // nt ---  
HGNC:2552|110p11.21 0000082 // G:0031461 // cu:0005515 // pr ---  
HGNC:11319|2q31.3 --- 0005737 // cy:0003779 // ac ---  
HGNC:11251|5q31 0006928 // ce:0005576 // ex:0005509 // ca ---  
HGNC:14097|6p21.31|6p22 0006350 // tr:0005622 // in:0003676 // nt ---  
HGNC:19046|8q13.3 0006810 // tr:0016020 // m:0005215 // tr: ---

HGNC:9178 14q21-q22	0006260 // DI0005634 // nt0003677 // DI	DNA_replication_Reactome
HGNC:10637 4q21	0006935 // ch0005576 // ex0005102 // re---	
HGNC:16489 Xq22.1-q22.3	0000045 // al0005737 // cy0005515 // pr---	
HGNC:14491 22q11.21	0009653 // ar0005634 // nt---	
HGNC:17720 14q23.2	0006665 // sp0005624 // m0003824 // ca---	
HGNC:3119 18q21.2	0006350 // tr:0005634 // nt0003677 // DI	Cell_cycle_KEGG // GenMAP
HGNC:6972 11p11.2	0007165 // sig0005576 // ex0008083 // gr---	
HGNC:30528 3q26.33	0006457 // pr0005739 // m0031072 // he---	
HGNC:30660 19q13.32	0006464 // pr0005634 // nt0003824 // ca---	
HGNC:12004 6q14-q15	0007155 // ce0005737 // cy0005515 // pr---	
HGNC:13596 8p23.3 tdb99	0016567 // pr0000151 // ut0004842 // ut---	
HGNC:18077 15q26.1	0007275 // m0005634 // nt---	
HGNC:21078 6q13-q24.3	--- --- 0003824 // ca---	
HGNC:11175 3q21.2	0006810 // tr:0005737 // cy0005515 // pr---	
HGNC:17950 12p12	--- --- ---	
HGNC:4208 16q23.2	0006546 // gl:0005739 // m0004047 // ar---	
HGNC:8510 19q13-q21.2	0001503 // os0005622 // in:0005515 // pr---	
HGNC:25026 8p11.23	0007049 // ce0016020 // m0003824 // ca---	
HGNC:29609 1q21	0006629 // liq0005576 // ex0003993 // ac---	
HGNC:16389 3q21.1	0006950 // re0005737 // cy---	
HGNC:21755 3q21.3	0005975 // ca0000139 // Gc0001537 // N---	
HGNC:18512 8p22-q22.3	--- 0005739 // m0008270 // zir---	
HGNC:19889 17q12	0001826 // in0005634 // nt---	
HGNC:26242 1p31.1	0006464 // pr0005929 // cil0004835 // tu---	
HGNC:24200 11q12.1	--- --- 0003824 // ca---	
- 2q35	--- --- ---	
HPRD:08202 7q22.3	--- --- ---	
HGNC:13225 1p31-p22	0007049 // ce---	
HGNC:33887 7p11.2-q11.2	--- --- ---	
HGNC:2536 1q21	0006508 // pr0005764 // ly:0004197 // cy---	
HGNC:13253 16q21	0006935 // ch0005576 // ex0005125 // cy---	
HGNC:9986 1q21	0000122 // ne0005634 // nt0003677 // DI---	
HGNC:145 M 2p13.1	0008217 // re0005737 // cy0000166 // nt---	
HGNC:10810 6q23	0006468 // pr0005634 // nt0000166 // nt---	
HGNC:27015 2p25.2	0006221 // py0005739 // m0000166 // nt---	
HGNC:28045 1p13.2	--- --- ---	
HGNC:30744 Xq21.33-q22.3	0007010 // cy0005737 // cy0003779 // ac---	
HGNC:15889 20p12.3	0007155 // ce0005737 // cy0005515 // pr---	
HGNC:27139 1q32.1	--- 0016020 // m---	
HGNC:4329 14q31.3	0001964 // st:0005624 // m0004872 // re---	
HGNC:28461 12q24.33	--- 0005634 // nt0005515 // pr---	
- 15q21.3	--- --- ---	
HGNC:30543 15q14	--- --- ---	
HGNC:6299 16q14	0006461 // pr0008076 // vc0005216 // io---	
HGNC:10717 14q24.3-q31	0007219 // Nc0005783 // er0005488 // bi---	
HGNC:20080 6q16.2	0006511 // ut--- 0004221 // ut---	
HGNC:12851 17p13.3	0001764 // ne0005737 // cy0005515 // pr---	
HGNC:14409 17q25.3	0006810 // tr:0005739 // m0005215 // tr:---	

HGNC:8052 N 10p14-p13	0006139 // nt 0005622 // in: 0000287 // m ---
HGNC:13315  Xq13	0000122 // ne 0000118 // hi: 0004407 // hi: Cell_cycle_KEGG // GenMAP
HGNC:15901  -	0001841 // ne 0019861 // fl: ---
HGNC:11362  2q32.2	0006350 // tr: 0005634 // nt 0003677 // DI ---
HGNC:20716  11q13.2	0008088 // ax 0005737 // cy 0003774 // m ---
HGNC:29527  3p22.1	0006950 // re 0016020 // m 0005515 // pr ---
HGNC:29302  3q13.13	--- 0005737 // cy 0005488 // bi ---
HGNC:2905 N 18p11.3	0007267 // ce 0005886 // pl: 0005515 // pr ---
HGNC:28014  3q12.2	--- --- ---
HGNC:23710  19q13.43	0006350 // tr: 0005622 // in: 0003676 // nt ---
HGNC:14887  9p13.3	0006457 // pr --- 0031072 // he ---
HGNC:9130 E 7q11-q22	0006298 // m --- 0005524 // A1 ---
HGNC:25459  19q13.1	0006350 // tr: 0005634 // nt ---
HGNC:23301  10pter-q25.3	0009058 // bi --- 0003824 // ca ---
HGNC:29847  2q21.2	--- --- 0005515 // pr ---
HGNC:20466  2p24.2	0006281 // DI 0005622 // in: 0000166 // nt ---
HGNC:23246  10q21.3	--- 0005634 // nt 0003779 // ac ---
HGNC:24865  10q25.2	0006631 // fa 0005739 // m 0004366 // gh ---
HGNC:25942  4q32.3	--- --- 0000166 // nt ---
HGNC:17993  19q13.33	0006810 // tr: 0005886 // pl: 0000166 // nt ---
HGNC:5200 N 16p11.2	0030201 // he 0000139 // Gc 0008146 // su ---
HGNC:8135 N 17q11.2	0007155 // ce 0005886 // pl: 0005515 // pr ---
HGNC:29574  10q25.1	--- --- ---
HGNC:29219  4q12	--- --- ---
HGNC:3343 N 7q36	0006355 // re 0005634 // nt 0003677 // DI ---
HGNC:20266  13q13.3	0006486 // pr 0005783 // er 0004576 // ol ---
HGNC:8728 N 6q24-q25	0006464 // pr 0005737 // cy 0004719 // pr ---
HGNC:20197  11p11.2	0006810 // tr: 0000139 // Gc 0005351 // su ---
HGNC:626 M 16q24	0006166 // pl: 0005737 // cy 0002055 // ac ---
HGNC:16287  2p15-p13	0016226 // irc 0005634 // nt 0005506 // irc ---
- 8q24.3	--- --- ---
HGNC:3259 N 1p34.1	0006412 // tr: 0005737 // cy 0003743 // tr: Translation_Factors // GenM
HGNC:27351  13q12.11	0032259 // m --- 0003676 // nt ---
HGNC:12757  9q34	0001501 // sk 0005622 // in: 0005515 // pr ---
Ensembl:ENSC 19p12	--- --- ---
HGNC:27230  8p21.1	0006281 // DI 0005634 // nt 0003684 // da ---
HGNC:6727 N 8q24.3	0001701 // in 0005886 // pl: ---
HGNC:25518  19p13.3	--- --- ---
HGNC:24579  15q24	0007229 // in: --- 0005509 // ca ---
HGNC:8795 N 21q22.3	0007165 // sig 0005829 // cy 0003824 // ca ---
HGNC:26773  15q14	--- --- 0005515 // pr ---
HGNC:1618 N 5p15.2	0006457 // pr 0005634 // nt 0000166 // nt ---
- 13q12.11	--- --- ---
HGNC:1348 N 7q21.2	--- 0005737 // cy ---
HGNC:14335  10q26.13	--- 0005634 // nt 0005543 // pl ---
HGNC:27446  11q23.3	--- --- ---
HGNC:25736  1q44	0006350 // tr: 0005622 // in: 0003676 // nt ---
HGNC:2755 N 1q23.3	0006350 // tr: 0005634 // nt 0003677 // DI ---

HGNC:25529|11q12.3 --- 0005634 // nt --- ---  
HGNC:386|M 10p15-p14 0006693 // pr 0005622 // in: 0004033 // al ---  
HGNC:7523|17q23.2 --- 0005622 // in: 0005515 // pr ---  
HGNC:4812|17q21.2-q21.3 0007268 // sy 0005856 // cy --- ---  
HGNC:9935|15q23 --- 0005783 // er 0005509 // ca ---  
HGNC:670|M 11q14.3 0007264 // sn 0005622 // in: 0000166 // nt ---  
HGNC:607|M 19q13.2 0006629 // lip 0005576 // ex 0004859 // pf Statin\_Pathway\_PharmGKB ,  
HGNC:20279 14q12 --- --- --- ---  
HGNC:33258|19q13.43 0006350 // tr: 0005622 // in: 0003676 // nt ---  
HGNC:11395|7p12-p14 0006468 // pr 0005634 // nt 0000166 // nt ---  
HGNC:10486|1q21 0007242 // in: 0005737 // cy 0005509 // ca ---  
HGNC:6122|11p15.5 0000122 // ne 0005634 // nt 0003677 // DI Apoptosis // GenMAPP  
HGNC:1424|12p22-p21 0006207 // 'd 0005634 // nt 0003824 // ca ---  
HGNC:12907|1q44 0006350 // tr: 0005622 // in: 0003676 // nt ---  
HGNC:2243|E 12q13.2-q13.3 0006810 // tr: 0000139 // Gc 0005515 // pr ---  
HGNC:1074|120q13 0001501 // sk 0005576 // ex 0005125 // cy ---  
HGNC:683|M 3p21-p13 0007242 // in: 0005622 // in: 0005085 // gu ---  
HGNC:326|En 21q22.3 0008152 // m 0005783 // er 0003841 // 1- ---  
HGNC:14456|12p12 0006334 // nt 0000786 // nt 0003677 // DI ---  
HGNC:489|M 1q25.2 0007165 // sig 0005576 // ex 0005102 // re ---  
HGNC:7707|12q33-q34 0006120 // m 0005739 // m 0003954 // N Electron\_Transport\_Chain //  
HGNC:20576|2q33.2 0055114 // ox 0016020 // m 0004497 // m ---  
HGNC:13561|1p34 0006350 // tr: 0005622 // in: 0003676 // nt ---  
HGNC:11545|1p35.3 0006350 // tr: 0005634 // nt 0003677 // DI RNA\_transcription\_Reactom  
HGNC:2843|18q24.3 0006641 // tri 0005783 // er 0004144 // di: Statin\_Pathway\_PharmGKB ,  
HGNC:20093|14q32.33 0002376 // in: 0005737 // cy 0000166 // nt ---  
HGNC:25202|Xq26.3 --- --- --- ---  
HGNC:31108|19p13.2 --- 0016020 // m --- ---  
HGNC:11554|1q21-q25 0007517 // m 0005856 // cy 0005515 // pr ---  
HGNC:30266|17p13.3 0006810 // tr: 0005764 // ly: 0017137 // R2 ---  
HGNC:15832|11q12-q13.5 0008219 // ce 0005783 // er --- ---  
HGNC:9700|15q22.3-q23 0050885 // ne 0016020 // m --- ---  
HGNC:33728|19q13.2 --- --- --- ---  
HGNC:1787|19p21 0000075 // ce 0005634 // nt 0003677 // DI Cell\_cycle\_KEGG // GenMAP  
HGNC:5318|19q33 0007155 // ce 0005576 // ex 0005102 // re ---  
HGNC:18452|16q23.1 0019941 // m 0005764 // ly: 0005515 // pr ---  
HGNC:21173|6q24.2 --- --- --- ---  
HGNC:11141|10q23.2-q23.3 --- 0005737 // cy 0005515 // pr ---  
HGNC:24447|16q23.2 --- --- --- ---  
HGNC:9326|16p21.3 0006464 // pr 0005615 // ex 0008474 // p2 ---  
HGNC:20161|14q11.2 --- 0005634 // nt 0003677 // DI ---  
HGNC:15566|2q37.3 0006470 // pr 0005737 // cy 0000287 // m ---  
HGNC:26591|3p25.3 --- 0016020 // m --- ---  
HGNC:4401|15q21.2 0007165 // sig 0005634 // nt 0003924 // G Calcium\_regulation\_in\_cardi  
HGNC:14987|1p36.12 0032312 // re 0005737 // cy 0008060 // Af ---  
- 2p15 --- --- --- ---  
HGNC:23770 21q11.2 --- --- --- ---  
HGNC:22210|7q22.3 --- --- --- ---

HGNC:384|M 10p15-p14 0006629 // liç 0005737 // cy 0004033 // al---  
HGNC:20685| 2q11.1 --- 0005886 // pl--- ---  
HGNC:16631| 5q13.2 0006412 // tr: 0005739 // m 0003735 // st---  
HGNC:11834| 3p14.3 0008152 // m 0005829 // cy 0003824 // ca Pentose\_Phosphate\_Pathwa  
HGNC:14148| 16p13.3 --- --- --- ---  
HGNC:21230| 6q24.1 --- --- --- ---  
HGNC:30967| 9q22.33 0044419 // in--- 0016787 // hy---  
HGNC:8064| 9q34.1 0006406 // m 0005634 // nç 0005215 // tr:---  
HGNC:12736| 2q31.1 0006461 // pr 0005737 // cy 0003779 // ac---  
HGNC:17494| 1q42.13 0007154 // ce 0005886 // pl: 0005243 // ga---  
HGNC:9315| 10q21-q22 0000082 // G: 0005634 // nç 0004721 // pç---  
HGNC:4119| 15q21.1-q21.2 0005975 // ca 0005737 // cy 0000166 // nç---  
HGNC:29799| 10q11.2 0006629 // liç 0000138 // Gç 0005515 // pr---  
HGNC:13530| 12q14.2 --- 0005887 // in--- ---  
HGNC:30203| 19p13.2 --- 0016020 // m --- ---  
HGNC:4983| 13q12 0006268 // DI 0000793 // cc 0003677 // DI---  
HGNC:37260| 4p15.2 --- 0016020 // m --- ---  
HGNC:17641| 1p13.2 0006281 // DI 0005634 // nç 0016787 // hy---  
HGNC:13747| 13q14.3 0007049 // ce--- 0005515 // pr---  
Ensembl:ENSC 15q25.2 0008283 // ce 0005634 // nç 0008083 // gr---  
HGNC:11041| 2p23 0006810 // tr: 0005624 // m 0005215 // tr:---  
HGNC:28093 10q25.2 --- 0005737 // cy--- ---  
HGNC:22960| 4q22.1 0006694 // st: 0005576 // ex 0003824 // ca---  
HGNC:2325| 14q31.1 0000398 // nç 0005634 // nç 0003723 // R mRNA\_processing\_Reactom  
HGNC:7223| 22q13.1 0008272 // su 0005737 // cy 0004792 // th---  
HGNC:5385| 20p13 0006099 // tri 0005739 // m 0000287 // m Krebs-TCA\_Cycle // GenMAP  
HGNC:11120| 11p15.4-p15.5 0006684 // sp 0005764 // ly: 0004767 // sp Ovarian\_Infertility\_Genes //  
HGNC:8598| 10q23.31 0015937 // cc 0005737 // cy 0000166 // nç---  
HGNC:25991| 2p11.2 0042572 // re 0005640 // nç 0009055 // el---  
HGNC:8576| 19q13.1 0006629 // liç 0005737 // cy 0003847 // 1---  
HGNC:26602| 12q24.33 --- --- --- ---  
- 13q12.12 --- --- --- ---  
HGNC:28305| 17q21.2 --- 0016020 // m --- ---  
HGNC:2541 9q22.1 --- --- --- ---  
HGNC:2687| 9q32-q33 0007049 // ce 0005737 // cy 0005515 // pr---  
HGNC:16996| 12q24.31 0006810 // tr: 0000139 // Gç 0005515 // pr---  
HGNC:4636| 1p13.3 0008152 // m 0005737 // cy 0004364 // gl---  
HGNC:3604| 5q23-q31 0009653 // ar 0005576 // ex 0005201 // ex---  
HGNC:26002| 1p36.22 0006350 // tr: 0005622 // in: 0003677 // DI---  
HGNC:21643| 7p21.1 --- 0005624 // m --- ---  
HGNC:21076| 6p12.2 --- 0016020 // m --- ---  
HGNC:29999| 17q25.1 --- --- --- ---  
Ensembl:ENSC 17p13.3 0006099 // tri 0005739 // m 0000104 // su Electron\_Transport\_Chain //  
HGNC:7892| 14q13.1 0006139 // nç 0005622 // in: 0001882 // nç---  
HGNC:25009| 1q32.1 0019941 // m 0005634 // nç 0004842 // uk---  
HGNC:1632| 6q21 0006955 // irr 0005576 // ex--- ---  
HGNC:30691| 3p14 --- --- 0005515 // pr---  
HGNC:17341| 3p25.1 0006396 // R 0005622 // in: 0000049 // tR---

HGNC:16628 3q21.1	0006810 // tr:0016020 // m ---	---
HGNC:26513 8q24.13	0006281 // DI0005634 // nl 0008270 // zir---	
HGNC:7155 11q22.3	0006508 // pr 0005576 // ex 0004222 // m Matrix_Metalloproteinases /	
HGNC:6846 17q24.3	0000165 // M ---	0000166 // nl Integrin-mediated_cell_adhe
MIM:606505 8p23	0007004 // te 0000781 // ch 0003676 // nl ---	
HGNC:12582 8q22	0006119 // ox 0005739 // m 0008121 // uk Electron_Transport_Chain //	
HGNC:27858 9q22.32	---	---
HGNC:2234 19p13.11	0006605 // pr 0000139 // Gc 0005198 // st---	
HGNC:11075 17q25.1	0006461 // pr 0012505 // er 0005515 // pr---	
HGNC:26813 4q25	---	0016020 // m ---
HGNC:16634 7q32-q34	0006412 // tr:0005739 // m 0003735 // st---	
HGNC:18789 6p25-pter	---	0005634 // nl ---
HGNC:5270 19p13.2	0006457 // pr 0005634 // nl 0031072 // he---	
HGNC:30034 10q24.1	---	0005737 // cy 0005066 // tr:---
HGNC:23682 9p24.1	---	0016020 // m 0003824 // ca---
HGNC:3300 17p13-p12	0006406 // m 0005634 // nl 0003723 // R Translation_Factors // GenM	
HGNC:11741 10q21	0006261 // DI0005634 // nl 0003677 // DI---	
HGNC:17350 6q21	0000398 // nl 0005634 // nl ---	mRNA_processing_Reactom
HGNC:20315 5q14.1-q14.2	0006497 // pr 0005622 // in: 0005515 // pr---	
HGNC:8050 6p21.2	0007267 // ce 0005737 // cy 0000287 // m ---	
HGNC:14415 6q14	0006633 // fa 0005783 // er 0008020 // G---	
HGNC:27610 3q26.2	0006412 // tr:0005622 // in: 0003735 // st---	
HGNC:8041 16p13.13	0000921 // se ---	0000166 // nl ---
HGNC:1260 21q22.3	---	---
HGNC:1005 7q11.23	---	0003779 // ac---
HGNC:18282 8p21.2	0006468 // pr ---	0000166 // nl ---
HGNC:27735 4q31.3	---	0016020 // m 0005515 // pr---
HGNC:4906 1p31.1	---	0005515 // pr---
HGNC:10760 9q34	---	---
HGNC:3495 12p13	0006350 // tr:0005634 // nl 0003677 // DI Circadian_Exercise // GenM	
HGNC:23020 19q13.12	0006397 // m 0005634 // nl 0000166 // nl ---	
HGNC:13830 7q35-q36	0007155 // ce 0016020 // m 0005102 // re---	
HGNC:28107 15q24.2	0015937 // cc ---	0003824 // ca---
HGNC:30571 19p13.2	0006350 // tr:0005622 // in: 0003676 // nl ---	
HGNC:26238 17q21.31	---	0000166 // nl ---
HGNC:24857 7p14.1	---	---
HGNC:26689 19q13.33	0006350 // tr:0005634 // nl 0003676 // nl ---	
HGNC:13356 19p13.3-p13.2	0006810 // tr:0005764 // ly: 0005216 // io ---	
HGNC:17792 10q25.2	0006810 // tr:0016020 // m 0005484 // S---	
HGNC:18242 12q24.1	0007049 // ce 0005634 // nl 0005515 // pr---	
HGNC:23217 2p13.3	0007586 // di: 0005576 // ex 0008083 // gr ---	
HGNC:8004 10p12	0001525 // ar 0005576 // ex 0004872 // re ---	
HGNC:29553 18p11.32	---	---
HGNC:10464 10p13	0007165 // sig ---	0005515 // pr---
HGNC:28666 3q12.1	---	---
HGNC:936 M 11q13.1	0006915 // a: 0005737 // cy 0005515 // pr Apoptosis // GenMAPP /// A	
HGNC:1852 20p13	0045449 // re 0000775 // ch 0003676 // nl ---	
HGNC:5014 16p13.3	0001666 // re 0005783 // er 0004392 // he---	

HGNC:24007|1p36.33 0051301 // ce --- 0000166 // nt ---  
HGNC:9564|E 3p14.1 0006508 // pr 0000502 // pr 0005515 // pr Proteasome\_Degradation //  
HGNC:8527|15p13.1 0008152 // m 0005739 // m 0008260 // 3- Synthesis\_and\_Degradation\_  
HGNC:21144|6q22 0030208 // de 0005783 // er 0016853 // is ---  
HGNC:8808|13p21.1-p14.2 0006096 // gl 0005739 // m 0003824 // ca Glycolysis\_and\_Gluconeoger  
HGNC:16407|7q11.23 --- --- 0016787 // hy ---  
HGNC:14971|1p21.3 0006810 // tr; --- 0005515 // pr ---  
HGNC:29666|15q22.31 0006412 // tr; 0005739 // m 0003824 // ca ---  
HGNC:8660|13q14.3-q21.1 0001756 // sc 0005886 // pl 0005509 // ca ---  
HGNC:12645|1q24-q25 0016192 // ve 0000139 // Gc --- ---  
HGNC:1548|12q22.13 0008152 // m 0005737 // cy 0003824 // ca ---  
HGNC:10751|5q31 0001887 // se 0005576 // ex 0008430 // se Integrin-mediated\_cell\_adhe  
HGNC:28166|1q44 --- --- 0005509 // ca ---  
HGNC:30692|1p22.2 --- 0016020 // m 0005515 // pr ---  
HGNC:9558|11p15.5 0007127 // m 0000502 // pr 0005515 // pr Proteasome\_Degradation //  
HGNC:16509|1p22.3 0007155 // ce 0005634 // nt 0005515 // pr ---  
HGNC:6950|17q21.3-q22.1 0006260 // DI 0000785 // ch 0000166 // nt Cell\_cycle\_KEGG // GenMAP  
HGNC:21488|6q22.32 --- 0005634 // nt --- ---  
HGNC:6752|12p13 0006810 // tr; 0000323 // ly 0004872 // re ---  
HGNC:26463|16q24.3 --- --- --- ---  
HGNC:4652|19p13.3 0000398 // nt 0005634 // nt 0003677 // DI ---  
HGNC:11177|1q25 0006629 // li; 0005783 // er 0000062 // ac Statin\_Pathway\_PharmGKB ,  
HGNC:16076|18q23 0007049 // ce 0005737 // cy 0005515 // pr ---  
HGNC:17592|5q31.3 0043123 // pc 0000139 // Gc 0004871 // si; ---  
HGNC:4184|1p22.2 0006955 // in; 0016020 // m 0000166 // nt ---  
HGNC:9548|17q22.1-q22.3 0006511 // ut 0000502 // pr 0000166 // nt Proteasome\_Degradation //  
HGNC:11030|4q21 0006810 // tr; 0005886 // pl 0005215 // tr; ---  
HGNC:8633|6p21.3 0006350 // tr; 0005634 // nt 0003677 // DI ---  
HGNC:26384|3q25.1 0001503 // os 0005576 // ex 0005515 // pr ---  
HGNC:38|MIM 17q24 0006810 // tr; 0005886 // pl 0000166 // nt ---  
HGNC:10000|1q23.3 0000188 // in; --- 0004871 // si; Calcium\_regulation\_in\_cardi  
HGNC:9407|14q11 0006468 // pr 0005829 // cy 0000166 // nt Calcium\_regulation\_in\_cardi  
HGNC:11157|6p21.31 0000387 // sp 0005634 // nt 0003676 // nt ---  
HGNC:4653|13q14 0000398 // nt 0005634 // nt 0000166 // nt RNA\_transcription\_Reactom  
HGNC:23927|2p25.2 0007155 // ce 0001726 // ru 0005515 // pr ---  
HGNC:21381|6q14.1 0019941 // m 0005737 // cy 0016874 // lig ---  
HGNC:2451|15q32 0006468 // pr 0005737 // cy 0000166 // nt ---  
HGNC:4764|1q41 --- --- --- ---  
HGNC:3239|10q21.1 0006350 // tr; 0005622 // in; 0003676 // nt ---  
HGNC:18536|4q21.23 --- --- 0000166 // nt ---  
HGNC:9462|1Xq21.32-q24 0006144 // pl 0005829 // cy 0000287 // m ---  
HGNC:2317|13q22.1 --- --- --- ---  
HGNC:19975|8q21.11 0007601 // vi; 0005783 // er 0003824 // ca ---  
HGNC:27558|16p13.3 --- 0016020 // m --- ---  
HGNC:26119|1p13.2 --- 0005737 // cy --- ---  
HGNC:864|M 9q32 0006810 // tr; 0005622 // in; 0005515 // pr ---  
HGNC:33|MIM 16p13.3 0006810 // tr; 0005624 // m 0000166 // nt ---  
HGNC:21398|3p14.3 --- 0016020 // m 0016787 // hy ---



HGNC:6886|N 5q35 0006468 // pr --- 0000166 // nL TGF\_Beta\_Signaling\_Pathwa  
HGNC:12566| 9p12-p11 0006887 // ex 0005737 // cy 0004871 // siξ---  
HGNC:15899| 20p12.1 0008152 // m 0005739 // m 0008168 // m ---  
HGNC:16090| Xq22-q24 0007411 // ax 0005634 // nL 0004872 // re ---  
HGNC:28985| 1q32 0008152 // m 0005737 // cy 0008415 // ac ---  
HGNC:2093|N 22q11.2|22q1 0006886 // in 0005905 // cc 0004871 // siξ---  
HGNC:17290| 19p13.11 0002827 // pC 0005887 // in 0004872 // re ---  
HGNC:5248|N 5q11.2 0006950 // re --- --- ---  
HGNC:15569| 18q11.2 0007165 // siξ 0005634 // nL 0005509 // ca ---  
HGNC:12641| Xp11.23-p11.2 0000226 // m 0000930 // ga 0005515 // pr ---  
HGNC:16920| 15q25.3-q26 0006302 // dC 0005654 // nL 0005509 // ca ---  
HGNC:14048| 10q22.1 0006412 // tr: 0005622 // in 0003735 // st ---  
HGNC:25856| 2q31.1 --- 0005634 // nL 0008168 // m ---  
HGNC:11699| 20q13.1-q13.3 0006917 // in 0005794 // Gc 0005515 // pr ---  
HGNC:8994|N 1q22-q24 0006650 // gl 0005794 // Gc 0005515 // pr ---  
HGNC:20127| 14q32.33 --- --- --- ---  
HGNC:14515| 6p21.3 0006412 // tr: 0005622 // in 0003735 // st ---  
HGNC:18276| 3q21.3 0006810 // tr: 0005739 // m 0004129 // cy ---  
HGNC:24587| 7p15.3 --- 0005737 // cy 0004871 // siξ---  
HGNC:28632| 19p13.2 0006350 // tr: 0005622 // in 0003676 // nL ---  
HGNC:30244| 12p13 0008654 // pl 0005783 // er 0008415 // ac ---  
HGNC:2528|N 11q14.1-q14.3 0006508 // pr 0005764 // ly: 0004197 // cy ---  
HGNC:21652| 6q21 0030316 // os 0005829 // cy 0005515 // pr ---  
HGNC:9154|N 19q13.3-q13.4 0000718 // nL 0005634 // nL 0000166 // nL ---  
HGNC:1814|N 19q13.2 0001525 // ar 0005576 // ex --- ---  
HGNC:30972| 9q22.2 0006412 // tr: 0005634 // nL 0003723 // R ---  
HGNC:6776|N 16q22-q23 0001816 // cy 0000785 // ch 0003677 // DI ---  
HGNC:1034|N 17q21 0006914 // al 0000139 // Gc 0005515 // pr ---  
HGNC:10490| 1q21 0030154 // ce --- 0005509 // ca ---  
HGNC:15888| 20q13.3 0000723 // te 0005576 // ex 0000166 // nL ---  
HGNC:27905| 17q21.1 0016568 // ch 0005634 // nL --- ---  
HGNC:12307| 5p15.33 0006366 // tr: 0005634 // nL 0000166 // nL ---  
HGNC:21338| 9q34.1 0002053 // pC 0000228 // nL 0003677 // DI ---  
HGNC:7851|N 16q13 0006183 // G 0005829 // cy 0000166 // nL ---  
HGNC:11796| 17q11.2 0001502 // ca 0005634 // nL 0003677 // DI Nuclear\_Receptors // GenM.  
HGNC:19164| 13q12-q13 0007049 // ce 0005622 // in 0005096 // G ---  
HGNC:9250|N 11p15.4 0007154 // ce 0005622 // in 0003677 // DI ---  
HGNC:10808| 7q21-q22 0007160 // ce 0005737 // cy 0005509 // ca ---  
HGNC:2475|N 20p11.21 0006952 // dC 0005576 // ex 0001540 // be ---  
HGNC:6159|N 20q12 0006412 // tr: 0005634 // nL 0003743 // tr: Translation\_Factors // GenM  
HGNC:25442| 17q21.31 --- --- --- ---  
HGNC:257|M 10q22|10q11 0006166 // pl 0005634 // nL 0000287 // m ---  
HGNC:7553|N 8q24.21 0001783 // B 0005634 // nL 0003677 // DI Apoptosis // GenMAPP /// A  
HGNC:17888| 7q11.21 0006350 // tr: 0005634 // nL 0000166 // nL Smooth\_muscle\_contractor  
HGNC:9555|N Xq22.3 0031145 // ar 0000502 // pr 0005515 // pr Proteasome\_Degradation //  
HGNC:7956|N 4q31.3-q32 0006006 // gl 0005886 // pl 0001601 // pC GPCRDB\_Class\_A\_Rhodopsin  
HGNC:29947| 3p25.3-p24.1 0006357 // re 0005634 // nL 0005515 // pr ---  
HGNC:24303| 3p21.2 0000381 // re 0005634 // nL 0000166 // nL ---

HGNC:28114 19q13.33	0008152 // m ---	0005515 // pr ---	
HGNC:28296 9q34.11	---	---	---
HGNC:25173 16p11.2	0006350 // tr:0005622 // in:	0003676 // nl ---	
HGNC:2915 12q32	0000122 // nε 0005634 // nl	0003677 // DI ---	
HGNC:25308 12q12	---	0005783 // er ---	---
HGNC:8738 17q22	0007275 // m 0005576 // ex	0005515 // pr ---	
HGNC:29544 Xp22.2	0006730 // or 0005739 // m	0004089 // ca ---	
HGNC:30262 1q42.12	0006561 // pr ---	0003824 // ca ---	
HGNC:6586 13q12	---	0016020 // m 0003677 // DI ---	
HGNC:29197 10q23.1	---	---	---
HGNC:16396 12q14	0006810 // tr:0005634 // nl ---		
HGNC:25891 4q32.3	0008152 // m 0005737 // cy	0003824 // ca ---	
HGNC:30657 1q22	0006310 // DI 0005634 // nl ---		
HPRD:16916 9q21	---	---	---
HGNC:3212 16p24.3-p25.1	0006412 // tr:0005634 // nl	0005515 // pr ---	
HGNC:21270 19q13.33	---	0005634 // nl ---	---
HGNC:13906 4p16.3	0000122 // nε 0005634 // nl	0003677 // DI ---	
MIM:610018 14q11.2	0035023 // re 0005622 // in:	0005085 // gl ---	
HGNC:10777 4q31.3	0001756 // sc 0005576 // ex	0005515 // pr ---	
HGNC:16818 Xp22.32	0008152 // m ---	0003824 // ca ---	
HGNC:29812 11q24.2	0000184 // nl 0005634 // nl	0003824 // ca ---	
HGNC:24876 8p11.21	---	0000139 // Gc ---	---
- 19p13.2	---	---	---
HGNC:17368 6q14-q15	0006350 // tr:0005634 // nl	0005515 // pr ---	
HGNC:1438 11p15.2-p15.1	0006874 // ce 0005576 // ex	0005179 // hc ---	
HGNC:11725 1p35.3-p34.1	0000226 // m 0005874 // m ---		
HGNC:4279 11q21.1	0001501 // sk 0005886 // pl ---		Calcium_regulation_in_cardi
HGNC:3334 16p13.2	0008283 // ce 0016020 // m ---		---
HGNC:6741 13p21.3	---	---	---
HGNC:23162 12p11.1	---	0005783 // er 0016740 // tr: ---	
HGNC:31793 10q25	---	---	---
HGNC:11340 18q11.2	0006355 // re 0005634 // nl	0003676 // nl ---	
HGNC:30224 8q24.3	---	0016020 // m 0004872 // re ---	
HGNC:25157 8q24.3	0006810 // tr:0016020 // m ---		
HGNC:25945 5p15.2	---	0000166 // nl ---	
HGNC:21874 7p22.2	0019941 // m ---	---	---
HGNC:16716 3p21.31	---	0005737 // cy 0000166 // nl ---	
HGNC:25567 1p36.33	---	0000166 // nl ---	
HGNC:25749 16q22.1	---	0016020 // m 0005488 // bi ---	
HGNC:29569 2q11.2	0006464 // pr 0005739 // m	0003824 // ca ---	
- 1q24.2	0006546 // gl 0005739 // m	0004047 // ar ---	
HGNC:24335 2q37.3	---	0005634 // nl ---	---
HGNC:4801 12p23	0006629 // lip 0005739 // m	0000062 // ac	Fatty_Acid_Degradation // G
HGNC:1749 15p14-p13	0007155 // ce 0005886 // pl	0005509 // ca ---	
HGNC:9392 17q22	0001932 // re 0005737 // cy	0000166 // nl	Calcium_regulation_in_cardi
HGNC:30782 4q31.1	0001525 // ar 0005634 // nl	0004872 // re	Electron_Transport_Chain //
HGNC:18648 19p13.3	0006508 // pr 0005737 // cy	0004177 // ar ---	
HGNC:28292 19q13.2	0006350 // tr:0005622 // in:	0005515 // pr ---	

HGNC:20498 14q32.11	---	0005739 // m	---
HGNC:16272 4q28	0006350 // tr:	0005634 // nL	0003713 // tr:---
HGNC:29221 20q11.23	0051056 // re	0005622 // in:	0005096 // G ---
HGNC:26421 19q13.43	0006350 // tr:	0005622 // in:	0003676 // nL---
HGNC:30617 17p13.1	0006350 // tr:	0005737 // cy	0005515 // pr---
HGNC:18306 2p21	0006810 // tr:	0005783 // er	0005216 // io---
HGNC:21710 4q31.21	0032313 // re	0005622 // in:	0005096 // G ---
HGNC:10690 2q32-q33	---	0005737 // cy	0001786 // p ---
HGNC:19971 1p34.2	0006350 // tr:	0000119 // m	0016455 // R ---
HGNC:11387 11q13	0006950 // re	0005634 // nL	0005488 // bi---
HGNC:3044 121q22.2	0007034 // va	0005634 // nL	---
HGNC:21480 1q23.2	0006470 // pr	0005634 // nL	0004721 // p ---
HGNC:6132 15q11.1	0001755 // nE	0005634 // nL	0003677 // D ---
HGNC:18999 5q15	0006468 // pr---	0000166 // nL	---
HGNC:1767 16q22.1	0007155 // ce	0005886 // pl:	0005509 // ca---
HGNC:14410 3p13-q23	---	0005634 // nL	0000166 // nL---
HGNC:14291 3q26.31	0006605 // pr	0005886 // pl:	0005515 // pr---
HGNC:783 M12q13	0006350 // tr:	0005622 // in:	0003676 // nL mRNA_processing_Reactom
HGNC:11617 8q21.11	0006350 // tr:	0005634 // nL	0005515 // pr---
HGNC:20454 2q13	0006350 // tr:	0005634 // nL	0003677 // D  RNA_transcription_Reactom
HGNC:12831 5q13-q14	0001701 // in	0000793 // cc	0003677 // D ---
HGNC:18468 6q22.32	---	0005634 // nL	0003824 // ca---
-22q12.1	---	---	---
-12p13.31	---	---	---
HGNC:15869 20p11.23	0007018 // m	0005874 // m	0000166 // nL---
HGNC:28206 12p13.33	---	---	---
HGNC:25238 11p14.2	---	0000139 // Gc	---
HGNC:27901 17q25.3	---	---	---
HGNC:23589 10q22.2	0006350 // tr:	0005622 // in:	0008270 // zir---
HGNC:8939 1p13	0006350 // tr:	0005634 // nL	0003677 // D ---
HGNC:2846 122q11.21 22c	0007155 // ce	0005578 // pr	---
HGNC:8981 1p34.1	0008286 // in:	0005737 // cy	0005515 // pr---
HGNC:937 M9p12	0006464 // pr	0005634 // nL	0005057 // re---
HGNC:25405 4p15.2	---	---	---
HGNC:17903 13q14.2	0006350 // tr:	0000119 // m	0003712 // tr:---
HGNC:3944 10q24.1	0000578 // er	0005737 // cy	Wnt_signaling // GenMAPP
HGNC:1587 15q14-q15	0007049 // ce	0005634 // nL	0005515 // pr---
HGNC:9940 12q13-q14	0007601 // vi:	0016020 // m	0003824 // ca---
HGNC:22301 7p13	0006810 // tr:	0005783 // er	---
HGNC:33772 7q22.1	---	---	---
HGNC:13490 18q21.1-q22	0006508 // pr	---	0004252 // se---
HGNC:24540 3q22.2	0007049 // ce	0005634 // nL	---
HGNC:11194 20q13.33	0001525 // ar	0005634 // nL	0003677 // D ---
HGNC:25297 15q25.2	0006468 // pr	0005634 // nL	0003723 // R ---
HGNC:29510 8q13.1	---	0005739 // m	---
HGNC:5258 16p12	0006457 // pr	0005737 // cy	0000166 // nL---
HGNC:20233 14q24.3	0006744 // ut	0005739 // m	0004497 // m---
HGNC:26050 8q21.11	0033615 // m	0005739 // m	---

HGNC:6110 N 15q26.1	0007165 // siğ 0005622 // in 0005095 // G	G13_Signaling_Pathway // G
HGNC:406 M 1p36	0006560 // pr 0005739 // m 0003842 // 1-	---
HGNC:13398 Xq28	0001942 // hç 0005783 // er 0000252 // C-	Cholesterol_Biosynthesis // C
HGNC:29634 5q33	0006909 // pñ 0005886 // pl 0005515 // pr	---
HGNC:6051 N 18p11.2	0006796 // pñ ---	0000287 // m ---
HGNC:3094 N 1q32.1	0006468 // pr 0005634 // nç 0000166 // nç	---
HGNC:2180 N 14q12-q13	0007605 // se 0005576 // ex	---
HGNC:18317 3p21.31	---	0005634 // nç ---
HGNC:14624 12p13	0007049 // ce 0005737 // cy	---
HGNC:27119 19q13.2	---	---
HGNC:31010 9p21.2	---	---
HGNC:32487 12q24.11	0006281 // DI 0005634 // nç 0003684 // dç	---
HGNC:2230 N 1q23-q25	0006457 // pr 0000139 // Gç 0005179 // hc	---
HGNC:10759 3q25.1	0001501 // sk 0005783 // er	---
HGNC:4247 N 2p12	0006464 // pr 0005624 // m 0008488 // ga	---
HGNC:20092 12p13.1	0000122 // nç 0005634 // nç 0003714 // tr	---
HGNC:30009 1p34	0051592 // re 0005737 // cy 0005509 // ca	---
HGNC:2874 N 16q22.1	0006805 // xe 0005737 // cy 0003955 // N	---
HGNC:9366 N 12p13.2	0007186 // G- 0005576 // ex 0005515 // pr	---
HGNC:15881 20q13.12	0006810 // tr 0000139 // Gç	---
HGNC:21895 7q22.1	---	0000166 // nç ---
HGNC:973 M 1p22.1	0007165 // siğ 0005622 // in 0005085 // gç	---
HGNC:16239 20q13.33	0042254 // riç 0005622 // in 0000166 // nç	---
HGNC:21308 6p21.1-p12.1	0006633 // fa 0005783 // er	---
HGNC:30186 12q24.11	---	0043234 // pr 0000166 // nç ---
HGNC:1082 N 5q33-q34	0006810 // tr 0005635 // nç 0005515 // pr	---
HGNC:687 M 1p31	0000079 // re 0005886 // pl 0000166 // nç	---
HGNC:10773 1p36.11	0000079 // re 0005576 // ex 0005515 // pr	Calcium_regulation_in_cardi
HGNC:15759 20q13.33	0006368 // R 0000502 // pr 0008538 // pr	---
HGNC:14046 1q21	0006412 // tr 0005622 // in 0003735 // st	---
HGNC:9322 N 19q13.3	0006350 // tr 0005634 // nç 0004721 // pñ	---
HGNC:6217 N 16q21	0006605 // pr 0000922 // sp 0005515 // pr	---
HGNC:2419 N 1p31-p22	0007601 // vi 0005737 // cy 0003824 // ca	---
HGNC:30991 12q14.1	---	0016020 // m 0005515 // pr ---
HGNC:1140 E 6p21.3	---	0016020 // m ---
HGNC:11763 3q29	0006879 // ce 0005576 // ex 0004872 // re	---
HGNC:8054 N 16q23.1	0009132 // nç 0005777 // pç 0000287 // m	---
HGNC:8830 N 17p11.2	0006629 // liç 0005739 // m 0004608 // pñ	Acetylcholine_Synthesis // G
- 11p15.3	---	---
HGNC:7996 N 7q32	0006091 // gç 0005634 // nç 0003677 // DI	---
HGNC:18061 13q12-q13	0016125 // st 0005783 // er 0047750 // ch	---
HGNC:23842 11p13	0001558 // re ---	0003677 // DI ---
HGNC:9803 N 17q25.3	0007242 // in 0005622 // in 0000166 // nç	Integrin-mediated_cell_adhe
HGNC:26014 16q22.1	0008033 // tR 0005622 // in 0003723 // R	---
HGNC:21021 6q23.3	---	---
HGNC:1357 N 8p11.2	0006915 // aç ---	---
HGNC:407 M 9p11.1	0005975 // ca 0005739 // m 0004029 // al	---
HGNC:3004 N 1p34	---	0005515 // pr ---

HGNC:27904 17p11.2	---	---	---	---
HGNC:18752 9q33.3	---	0005634 // nt	0016301 // ki	---
HGNC:26319 1q32.2	---	---	---	---
HGNC:16964 8p12-p11	---	0005737 // cy	0016740 // tr	---
HGNC:9257 14q31.3	0006457 // pr	0005737 // cy	0003755 // pe	---
HGNC:16114 20q13.12	0006810 // tr	0005622 // in	0005215 // tr	---
HGNC:17034 3p21.3	0007049 // ce	---	0005515 // pr	---
HGNC:24338 Xq24	---	0016020 // m	0016740 // tr	---
Ensembl:ENSC2p14	---	0005622 // in	0005529 // su	---
HGNC:20858 8p21.3	0006810 // tr	0005886 // pl	0008270 // zi	---
HGNC:6413 17q21	0008544 // ex	0005882 // in	0005198 // st	---
HGNC:7798 19q13.1	0006350 // tr	0005634 // nt	0003713 // tr	Apoptosis // GenMAPP
HGNC:1093 17q31-q34	0005975 // ca	---	0003824 // ca	---
HGNC:2255 19q22.3	0007242 // in	---	0003779 // ac	---
HGNC:4886 16p21.3	0002474 // ar	0005737 // cy	0005506 // ir	---
HGNC:25249 2q21.3	---	0005622 // in	0000166 // nt	---
HGNC:24127 8p11.22	---	0016020 // m	---	---
HGNC:121 M4p15.3	0006629 // li	0005777 // pe	0003995 // ac	---
HGNC:21789 7q36.1	---	0016020 // m	0000166 // nt	---
HGNC:4737 E6p22.1	0006334 // nt	0000786 // nt	0003677 // DI	---
HGNC:6375 12p13	0006968 // ce	0005886 // pl	0004872 // re	---
HGNC:1723 1p34.1	0006511 // ut	0005654 // nt	0005515 // pr	Cell_cycle_KEGG // GenMAP
HGNC:14049 1q23-q25	0006412 // tr	0005622 // in	0003735 // st	---
HGNC:2264 13q13.33	0006091 // ge	0005737 // cy	0005507 // co	Electron_Transport_Chain //
HGNC:4315 19q34.11	0006406 // m	0005634 // nt	0005515 // pr	---
HGNC:31412 9q34.11	---	---	---	---
HGNC:4814 13q21.2	0006468 // pr	0005622 // in	0000166 // nt	---
HGNC:9026 12q23-q31	0007155 // ce	0005911 // ce	0005488 // bi	---
HGNC:12020 7q11.21	0006478 // pe	0000139 // G	0008476 // pr	---
HGNC:4446 18q24.3	0006461 // pr	0005783 // er	0003923 // Gf	---
HGNC:28785 2q37.3	---	---	---	---
HGNC:2485 11p13	0000398 // nt	0005622 // in	0003723 // R	mRNA_processing_Reactom
HGNC:8762 16q27	0006915 // a	0005634 // nt	0003677 // DI	---
HGNC:14263 6p11	0006810 // tr	0005886 // pl	0000166 // nt	---
HGNC:9545 16p21.3	0006511 // ut	0000502 // pr	0000166 // nt	Proteasome_Degradation //
HGNC:1736 1p36.1	0007097 // nt	0005622 // in	0000166 // nt	G13_Signaling_Pathway // G
HGNC:17276 1p32	---	0005622 // in	0003676 // nt	---
HGNC:3379 16q23	0030866 // cc	0005634 // nt	0003779 // ac	---
HGNC:11346 1q32	0006915 // a	0005576 // ex	0005125 // cy	---
HGNC:35454 5q31.2	0001525 // ar	0005886 // pl	---	---
HGNC:26998 19q13.43	0006350 // tr	0005622 // in	0003676 // nt	---
HGNC:11849 4q35	0006952 // de	0005768 // er	0003723 // R	---
HGNC:7719 121q22.3	0006120 // m	0005739 // m	0008137 // N	Electron_Transport_Chain //
HGNC:20291 13q13.3	---	---	---	---
HGNC:11212 8q22.2	0007338 // si	0005737 // cy	0000166 // nt	---
HGNC:1370 19q13.3	---	0005576 // ex	0004089 // ca	---
HGNC:25175 5p15.33	---	0005576 // ex	---	---
HGNC:26228 12q21.31	---	---	---	---

HGNC:10980 17q25.3	0006094 // gl 0005739 // m 0005310 // di---
HGNC:7504 1q21	0006810 // tr:0005739 // m 0005515 // pr---
HGNC:30711 1p22.3	--- --- --- ---
HGNC:9862 3q25.2	--- --- --- ---
HGNC:11479 Xp11.23	0006325 // es0000775 // ch0003682 // ch---
HGNC:9969 4p14-p13	0006260 // DI0005622 // in:0000166 // n DNA_replication_Reactome
HGNC:16841 16p13.13	0006350 // tr:0005764 // ly:0003702 // R---
HGNC:15765 20q13.13	0002098 // tR0005737 // cy0000166 // n---
HGNC:1455 19p13.3-p13.2	--- --- --- ---
HGNC:24703 9q34.3	0007264 // sn0005634 // n 0000166 // n---
HGNC:21407 6q15	0006350 // tr:0005634 // n 0005515 // pr---
HGNC:1751 5p14-p13	0007155 // ce0005886 // pl:0005509 // ca---
HGNC:10488 1q21	0007165 // sig0001726 // ru0005509 // ca---
HGNC:21492 7q11.21	--- 0016020 // m --- ---
HGNC:22209 7q32.1	--- --- --- ---
HGNC:9752 4p15.31	0006520 // ar0005737 // cy0003824 // ca---
HGNC:9017 8q21.12	0000122 // n 0005625 // so0004860 // pr Calcium_regulation_in_cardi
HGNC:24994 9q32	--- --- --- ---
HGNC:1286 E21q22.11	0007049 // ce0000775 // ch---
HGNC:17676 7q11.21	--- --- --- ---
HGNC:29570 12q13	0006520 // ar0005739 // m 0004359 // gl---
HGNC:2366 7q21.1	0006091 // ge0005777 // pe0008415 // ac---
HGNC:23684 9q22.1	0006412 // tr:0005737 // cy0005515 // pr Ribosomal_Proteins // GenN
HGNC:17265 3q12	--- --- --- ---
HGNC:18562 2q36	0006350 // tr:0005634 // n 0003677 // DI---
HGNC:10781 3q26.2-q27	0000398 // n 0005634 // n 0000166 // n mRNA_processing_Reactom
HGNC:1361 E9q22.32	0006508 // pr0005737 // cy0004177 // ar---
HGNC:23035 6q23	0045449 // re0005634 // n --- ---
HGNC:25628 16q22.1	0006810 // tr:0005634 // n 0000166 // n---
HGNC:7944 9p21-p12	0006182 // c 0005886 // pl:0004383 // gu---
HGNC:14651 1p34.1	0006397 // m 0005634 // n 0003755 // pe---
HGNC:11439 16p11.2	0006810 // tr:0005737 // cy0005484 // S---
HGNC:17061 10p12	0030091 // pr0005739 // m 0000318 // pr---
HGNC:6040 11p15.5-p15.2	0001658 // ur0005737 // cy0000166 // n Integrin-mediated_cell_adhe
HGNC:24435 4p16-p15	0002062 // ch0005576 // ex0005102 // re---
HGNC:20150 14q23.3	0006810 // tr:0005886 // pl:0000166 // n---
HGNC:29113 22q13.31	0006915 // a 0005739 // m --- ---
HGNC:11891 3p22-p21.3	0006364 // rR0000178 // ex0000175 // 3'---
HGNC:6407 12p12.1	0006897 // er0005622 // in:0000166 // n G_Protein_Signaling // GenN
HGNC:272 M14q11.2-q12	0006281 // DI0005634 // n 0003677 // DI---
NA NA	--- --- --- ---
HGNC:7033 1p36.1-p35	--- 0001527 // m --- ---
HGNC:6973 12q14.3-q15	0000122 // n 0005622 // in:0002039 // p Apoptosis // GenMAPP /// A
HGNC:3325 12q23	0001525 // ar0005634 // n 0003677 // DI---
HGNC:24575 16q24.1	0006260 // DI0005634 // n 0005515 // pr---
HGNC:16078 8p21.2	0007242 // in: --- --- ---
HGNC:9673 11p11.2	0006470 // pr0005634 // n 0004721 // p---
HGNC:14234 5q35.2-q35.3	0000122 // n 0005634 // n 0003682 // ch---

HGNC:6108 1p34-p32	---	0005737 // cy	0003779 // ac	---
HGNC:28651 10q23.1	---	0005576 // ex	---	---
HGNC:14418 1p34.2	0006633 // fa	0005783 // er	0005515 // pr	---
HGNC:26146 11q23.3	---	0005634 // nt	---	---
HGNC:24674 17q25.1	---	0005737 // cy	---	---
HGNC:29641 19p13.3	---	---	---	---
HGNC:17271 11p15.2	0007264 // sn	0005622 // in	0000166 // nt	---
HGNC:1494 12q21.3-q22	0000122 // ne	0005634 // nt	0003677 // DI	---
HGNC:29036 1q22	0006810 // tr	0005739 // m	0005215 // tr	---
HGNC:25787 16q22.1	---	0000775 // ch	0003677 // DI	---
HGNC:4478 Xq13-q21.1	0007165 // si	0005886 // pl	0004871 // si	GPCRDB_Class_A_Rhodopsin
HGNC:25490 8q24.13	---	---	---	---
HGNC:11863 11q13	0006694 // st	0005783 // er	0016491 // ox	---
HGNC:12478 3p24.2	0019941 // m	---	0004842 // ut	---
- 20p13	---	---	---	---
HGNC:28958 16q13	0006810 // tr	0005634 // nt	0005515 // pr	---
HGNC:18821 21q11.2	0006629 // li	0005576 // ex	0003824 // ca	---
HGNC:23672 9q22.33	0006810 // tr	0016020 // m	0005215 // tr	---
HGNC:24212 4q24	0043457 // re	0005783 // er	0005506 // ir	---
HGNC:6251 7q35-q36	0000160 // tv	0005635 // nt	0000155 // tv	---
HGNC:13182 6p21.3	0001649 // os	0005634 // nt	0003676 // nt	---
HGNC:17718 15q25.3	0006465 // si	0005783 // er	0005515 // pr	---
HGNC:14685 1q21.2-q21.3	0006954 // in	0005737 // cy	0004792 // th	---
HGNC:16708 11q23	---	---	---	---
HGNC:13478 12q24.11	0006464 // pr	0005622 // in	0016874 // lig	---
HGNC:7180 22q11 22q12	0007049 // ce	0005634 // nt	---	---
HGNC:3250 Xp22.12	0006412 // tr	0005737 // cy	0003723 // R	Translation_Factors // GenM
HGNC:17182 -	0007242 // in	0005634 // nt	---	---
HGNC:17877 1p32-p35	0009058 // bi	0005634 // nt	0000287 // m	---
HGNC:11824 14q12	0000723 // te	0000781 // ch	0003677 // DI	---
HGNC:11738 8p12	---	---	---	---
HGNC:27289 16p13.3	0006259 // DI	0005634 // nt	0003677 // DI	---
- 18p11.31	0007267 // ce	0005886 // pl	0005515 // pr	---
HGNC:23056 3q27.1	0006486 // pr	0005783 // er	0000033 // al	---
HGNC:25475 Xq22.1-q22.3	---	0005634 // nt	---	---
HGNC:3590 2q23	0006508 // pr	0005886 // pl	0004222 // m	---
HGNC:9317 2p15	0001837 // e	0005829 // cy	0004723 // ca	---
HGNC:7391 4p16.3-p16.1	0000122 // ne	0005634 // nt	0003677 // DI	---
HGNC:26435 16p13.11	---	---	---	---
HGNC:6408 20q11.2-q13.1	0006350 // tr	0005634 // nt	0003677 // DI	---
HGNC:25786 2p11.2	0051205 // pr	0005737 // cy	0004872 // re	---
HGNC:21020 6q21	0006412 // tr	---	0016874 // lig	---
HGNC:18357 11q23.1	0007049 // ce	0005622 // in	0005096 // G	---
HGNC:4907 7p15.2	0006098 // pe	0005739 // m	0003824 // ca	---
HGNC:7095 Xp22	0000226 // m	0005622 // in	0005515 // pr	---
HGNC:9502 19q13.33	0006897 // er	0005622 // in	0005085 // gu	---
HGNC:24903 1q23.3	---	---	---	---
HGNC:8101 15q11.2-q12	0006726 // ey	0005737 // cy	0005215 // tr	---

HGNC:1977 14q12	---	0005634 // nt	0003723 // Rf	---
HGNC:14002 12q24.31	0000084 // S	0005634 // nt	0003677 // DI	---
HGNC:18684 19p12	---	---	0000166 // nt	---
HGNC:7708 1q23	0006120 // m	0005739 // m	0003954 // N	Electron_Transport_Chain //
HGNC:392 M 19q13.1-q13.2	0006006 // gl	0005829 // cy	0000166 // nt	---
HGNC:9251 120q13.1	0006508 // pr	0005739 // m	0004180 // ca	---
HGNC:29063 10q26	0007186 // G-	0016020 // m	0005488 // bi	---
HGNC:21707 7q21.1-q21.2	---	0016020 // m	---	---
HGNC:16863 6q22-q23	0006350 // tr	0005634 // nt	0003677 // DI	---
HGNC:20352 14q21.3	---	---	---	---
HGNC:10672 10q11.1	0001569 // p	0005576 // ex	0004871 // sig	---
HGNC:17142 10p13	0000042 // pr	0005737 // cy	0008022 // pr	---
HGNC:1987 16q23.3	0000122 // n	0000790 // nt	0003700 // tr	---
- 7q33	---	---	---	---
HGNC:27849 9q34.3	---	---	---	---
HGNC:21752 7q21.3	0006094 // gl	0005739 // m	---	---
HGNC:31834 12q13.11	0006350 // tr	0005622 // in	0003676 // nt	---
HGNC:6397 13q25.33	0006606 // pr	0005634 // nt	0005488 // bi	---
HGNC:16944 10p15.1	0006397 // m	0005622 // in	0000166 // nt	mRNA_processing_Reactom
HGNC:8801 14q32	0007171 // ac	0005576 // ex	0005161 // pl	---
HGNC:22984 5q31.1	---	---	0005515 // pr	---
HGNC:30832 8q24.3	0030154 // ce	0005737 // cy	---	---
HGNC:26618 1q21.1	---	0005739 // m	0000287 // m	---
HGNC:5309 17p13-p12	0000077 // DI	0005634 // nt	0004674 // pr	---
HGNC:28034 Xq13.1	---	0005576 // ex	0005515 // pr	---
HGNC:17327 -	---	0005634 // nt	0005515 // pr	---
HGNC:6967 16p21	0000122 // n	0005634 // nt	0005515 // pr	---
HGNC:7600 19p13.3-p13.2	0007162 // n	0016459 // m	0000166 // nt	---
HGNC:11195 3q26.3-q27	0000122 // n	0005634 // nt	0003677 // DI	---
- Xp11.23	---	---	---	---
HGNC:15674 1p32.3	0006350 // tr	0005634 // nt	0003677 // DI	---
NA NA	---	---	---	---
HGNC:14239 22q11.2	0006810 // tr	0016020 // m	0005215 // tr	---
HGNC:15559 22q11.23	---	0005739 // m	---	---
HGNC:24009 Xq21.1	---	0005576 // ex	---	---
HGNC:11153 20p13	0000387 // sp	0005634 // nt	0003676 // nt	mRNA_processing_Reactom
HGNC:14906 14q22.1	0006468 // pr	0005813 // ce	0000166 // nt	---
HGNC:13243 7q36	0042733 // er	0016020 // m	0004872 // re	---
HGNC:29283 10p11.23	---	---	---	---
HGNC:26911 10q22.3	---	---	0003676 // nt	---
HGNC:7082 Xp22.32; Yp11	0007155 // ce	0005737 // cy	0005515 // pr	---
HGNC:4204 16p24.2	0006024 // gl	0000139 // G	0008109 // N-	---
HGNC:26360 13q12.13	---	---	0005515 // pr	---
HGNC:8788 12q35-q36	0007601 // vi	---	0004114 // 3'	---
HGNC:15822 8q23	0006950 // re	0005730 // nt	---	---
HGNC:1355 18q21	0007126 // m	---	---	---
HGNC:5276 Xq26.1-q27.2	0006350 // tr	0005634 // nt	0000166 // nt	---
HGNC:19440 7q11.21	0001833 // in	0000922 // sp	0005515 // pr	---



HGNC:33785 1p35	---	0016020 // m	---	---
HGNC:17356 22q13.1	0002230 // pc	0005634 // nl	0003723 // R	---
HGNC:20670 2q37.3	0006350 // tr	0005634 // nl	0003677 // DI	---
HGNC:29605 12q24	0007242 // in	0005634 // nl	0004871 // si	---
HGNC:10701 14q21.1	0006810 // tr	0000139 // G	0005515 // pr	---
HGNC:26239 Xq23	---	---	0005515 // pr	---
HGNC:28086 5q12.1	---	0005739 // m	0008137 // N	---
HGNC:17281 10q23.1	---	0016020 // m	---	---
HGNC:18161 2q37.3	0008152 // m	0005737 // cy	0003824 // ca	---
HGNC:21088 4q21.22	0006629 // li	0005783 // er	0004768 // st	---
HGNC:27321 4p14	---	0016020 // m	0005515 // pr	---
HGNC:26713 16q24.3	---	---	---	---
HGNC:14546 5q31	0007155 // ce	0016020 // m	0005509 // ca	---
HGNC:26391 2q12.1	---	0016020 // m	---	---
HGNC:11448 13q12.2-q13.3	0006099 // tri	0005739 // m	0003824 // ca	Krebs-TCA_Cycle // GenMAP
HGNC:3030 17p11.2	0007165 // si	0005622 // in	0000166 // nl	---
HGNC:20299 13q14.2	---	---	0003824 // ca	---
HGNC:13618 8p21.1	0019941 // m	---	---	---
HGNC:17514 19p13.11	0006605 // pr	0005737 // cy	0005515 // pr	---
HGNC:686 M 4p13	0007264 // sn	0005622 // in	0000166 // nl	---
HGNC:30596 3q29	0006506 // G	0005783 // er	0000026 // al	---
HGNC:29171 7p22.3	---	---	---	---
HGNC:17095 3p21.3	0006412 // tr	0005737 // cy	0000166 // nl	---
HGNC:24537 3p11.2	0006810 // tr	0005622 // in	0005515 // pr	---
HGNC:5041 5q35.3	0000398 // nl	0005634 // nl	0000166 // nl	mRNA_processing_Reactom
HGNC:23096 10q22.1	0006810 // tr	0016020 // m	0005337 // nl	---
HGNC:18272 7q32.1	---	---	---	---
HGNC:3234 9q32-q33.3	---	0016020 // m	0004872 // re	---
HGNC:7664 3q21	0006417 // re	0005737 // cy	0005102 // re	---
HGNC:2861 5q11.2-q13.2	0006545 // g	---	0004146 // di	Nucleotide_Metabolism // G
HGNC:24649 12p12.1	0006646 // p	0005737 // cy	0004305 // et	---
HGNC:9128 E 7q11.23	0006298 // m	0005622 // in	0003676 // nl	---
HGNC:7805 12q22-q23	0006350 // tr	0005622 // in	0003677 // DI	---
HGNC:16391 9q34.3	0032874 // pc	0005622 // in	0005515 // pr	---
HGNC:9789 1q32	0006810 // tr	0005886 // pl	0000166 // nl	---
HGNC:21483 6q22.1-q22.3	0006810 // tr	0016020 // m	---	---
HGNC:343 M 20cen-q13.1	0006730 // or	0005737 // cy	0003824 // ca	---
HGNC:33147 Xp11.1	0006915 // a	0005634 // nl	---	---
HGNC:9764 20q13.32	0006810 // tr	0005768 // er	0000166 // nl	---
HGNC:12962 6p21.3	---	---	---	---
HGNC:21578 6p22.3	0006915 // a	0000151 // uk	0004842 // uk	---
HGNC:4888 1q32	0006955 // in	0005576 // ex	0001851 // co	---
HGNC:6936 3q27	0006552 // le	0005739 // m	0000166 // nl	---
HGNC:19717 5q35.3	0007275 // m	0005634 // nl	0005515 // pr	---
HGNC:9655 9q31	0006470 // pr	0005737 // cy	0004721 // p	---
HGNC:29300 19p13.2	---	---	---	---
HGNC:10827 3p24.3	0006469 // n	0005737 // cy	0004860 // pr	---
HGNC:7901 12q13.13	0007218 // n	0005576 // ex	0005102 // re	---

HGNC:1367 E9q34	---	---	---	---
HGNC:19884 1p32.1	0000226 // m	0005737 // cy	0003779 // ac	---
HGNC:24711 2q32.2	---	0016020 // m	---	---
HGNC:12398 1p22	0006350 // tr:	0005634 // nL	0000166 // nL	---
HGNC:6864 N11q13	0006468 // pr	0000139 // Gc	0000166 // nL	---
HGNC:12010 15q22.1	0001701 // in	0001725 // st:	0003779 // ac	Striated_muscle_contractor
- 7q36.1	0006350 // tr:	0005622 // in:	0003676 // nL	---
HGNC:17353 22q13.1	---	---	0003824 // ca	---
HGNC:6815 N1p34-p33	0000184 // nL	0005634 // nL	0003723 // Rf	---
HGNC:4037 N6q21	0001764 // nE	0005768 // er	0000166 // nL	Integrin-mediated_cell_adhe
HGNC:29670 12q23.2	0009306 // pr	0005634 // nL	0003976 // UI	---
HGNC:23319 1p13.3	0007275 // m	0005578 // pr	0005515 // pr	---
HGNC:25556 15q15.1	0006457 // pr	---	0003723 // Rf	---
HGNC:30766 1q32.3-q41	---	0016020 // m	---	---
HGNC:17205 16p13.3	0006412 // tr:	0005622 // in:	0000166 // nL	---
HGNC:10618 17q11.2-q12	0001938 // pc	0005576 // ex	0001664 // G-	---
HGNC:21159 11p15.4	0006355 // re	---	0003677 // DI	---
HGNC:6404 E19q13.32	0006928 // ce	0005634 // nL	0003779 // ac	---
HGNC:26617 16q23.1	0006468 // pr	---	0004672 // pr	---
HGNC:2634 N1p31.3-p31.2	0006631 // fa	0005783 // er	0004497 // m	---
HGNC:23487 10p15.3	0006695 // ch	0005777 // pE	0000287 // m	---
HGNC:13031 10q11.22-q11	0006350 // tr:	0005622 // in:	0003676 // nL	---
HGNC:29233 20p13	0006955 // in:	0005739 // m	0004871 // sig	---
HGNC:26971 17q11.2	---	0005576 // ex	0004091 // ca	---
HGNC:26731 8q24.3	---	---	---	---
HGNC:28911 Xp11.23	0006810 // tr:	0005768 // er	0005515 // pr	---
HGNC:7994 N7q31.1-q31.2	0001764 // nE	0005886 // pl:	0005515 // pr	---
HGNC:28046 22cen-q12.3	0006397 // m	0005634 // nL	0003676 // nL	---
HGNC:16731 8q24.13	0019941 // m	---	0005515 // pr	---
HGNC:1527 N7q31.1	0000165 // M	0000139 // Gc	0005198 // st:	Integrin-mediated_cell_adhe
HGNC:21101 6pter-p21.31	0008104 // pr	0016020 // m	0004886 // re	---
HGNC:22222 7p22	0006810 // tr:	0005886 // pl:	0005216 // io	---
HGNC:21479 6q22.1	0007155 // ce	0016020 // m	---	---
HGNC:12828 19q13.2	0000012 // si:	0005622 // in:	0003684 // dE	---
HGNC:1582 N11q13	0000082 // G:	0000307 // cy	0004672 // pr	G1_to_S_cell_cycle_Reactor
HGNC:3383 N9q34.1	0051260 // pr	0005737 // cy	0005515 // pr	---
HGNC:13177 2q34	0006350 // tr:	0005622 // in:	0003676 // nL	---
HGNC:20821 1p22.3	0007155 // ce	0005581 // cc	0005198 // st:	---
HGNC:9973 N12q24.23	0006260 // DI	0005634 // nL	0000166 // nL	DNA_replication_Reactome
HGNC:25517 1q43	0006364 // rR	0005634 // nL	0005488 // bi	---
HGNC:12642 12p	0016192 // vE	0005739 // m	0005515 // pr	---
HGNC:1780 N9q34.1	0006350 // tr:	0005634 // nL	0000166 // nL	---
HGNC:28714 16q22.1	0006486 // pr	0000139 // Gc	0008378 // ga	---
HGNC:6068 N12q13.1	---	0005576 // ex	0005160 // tr:	---
HGNC:11325 3q25.31	0006613 // cc	0005783 // er	0004872 // re	---
HGNC:16173 20q13.2	0000165 // M	---	0005066 // tr:	---
HGNC:13487 16q12	0006810 // tr:	0005737 // cy	0005515 // pr	---
HGNC:6528 N13q14.3	0051017 // ac	0001726 // ru	0003779 // ac	---

HGNC:6759 16q22.2	---	0005737 // cy	0005516 // ca	---
HGNC:22214 7q21.3	---	0016021 // in	---	---
HGNC:9295 12q37.3	---	0005634 // nt	0005515 // pr	---
HGNC:20260 3q21.1	0006810 // tr:	0005783 // er	0005215 // tr:	---
HGNC:13842 19q13.41	0006350 // tr:	0005622 // in:	0003676 // nt	---
HGNC:30100 19q13.12	0006509 // m	0005783 // er	0005515 // pr	---
HGNC:17389 6q22.31	0006685 // sp	0005576 // ex	0004767 // sp	---
HGNC:33700 2q32.2	---	0016020 // m	---	---
HGNC:30740 1q21.3	0006412 // tr:	0005737 // cy	0000166 // nt	---
HGNC:6190 1p32.3-p31.3	0006468 // pr	0005634 // nt	0000166 // nt	TGF_Beta_Signaling_Pathwa
HGNC:2350 12p13	0006350 // tr:	0005634 // nt	0003677 // DI	---
HGNC:12928 11p15.4	0006350 // tr:	0005622 // in:	0003676 // nt	---
- 19q13.12	---	---	---	---
HGNC:4700 1Xp22.3	0005978 // gl:	0005625 // so	0008466 // gl:	Glycogen_Metabolism // Ge
HGNC:30404 12q24.13	0006520 // ar	---	0003824 // ca	---
HGNC:9664 120p13	0006468 // pr	0005737 // cy	0003779 // ac	Cell_cycle_KEGG // GenMAP
HGNC:24582 1p31.1	---	---	---	---
HGNC:3621 19q13.3	0006955 // inr	0005886 // pl:	0004872 // re	---
HGNC:12871 8q24.13	0006350 // tr:	0005622 // in:	0003677 // DI	---
HGNC:10257 9q22	0001501 // sk	0005887 // in:	0000166 // nt	---
HGNC:7645 18p23.1-p21.3	0008152 // m	0005737 // cy	0004060 // ar	---
HGNC:855 M 16p13.3	0005975 // ca	0005773 // va	0005515 // pr	---
HGNC:12428 7p21.2	0000122 // ne	0005634 // nt	0003677 // DI	---
HGNC:8652 13p21	0006977 // DI	0005737 // cy	0003677 // DI	---
HGNC:29148 3q29	0019941 // m	---	---	---
HGNC:14142 16p13.3	---	---	0005515 // pr	---
HGNC:21704 7q31-q35	---	---	0005515 // pr	---
HGNC:8806 1Xp22.2-p22.1	0006096 // gl:	0005739 // m	0004738 // py	Acetylcholine_Synthesis // G
HGNC:12735 7q31.3	0006350 // tr:	0005634 // nt	0003779 // ac	G13_Signaling_Pathway // G
HGNC:16906 7q35	0006749 // gl:	0005622 // in:	0004364 // gl:	---
HGNC:7548 120q13.1	0006350 // tr:	0005634 // nt	0003677 // DI	---
HGNC:26113 12q24.11	0007275 // m	0005576 // ex	---	---
HGNC:32459 Xq22.2	---	---	---	---
HGNC:30492 19q13.4	---	---	---	---
HGNC:11243 9q22.1-q22.3	0007049 // ce	0005634 // nt	---	---
HGNC:20482 13q14.3	---	---	0008270 // zir	---
HGNC:25116 15q21.1	0006915 // ar	---	0005515 // pr	---
HGNC:24137 12p13.33	---	0005794 // Gc	0008376 // ac	---
HGNC:18165 7q11.23	0006470 // pr	---	0004721 // pf	---
HGNC:28117 19q13.12	---	---	0000166 // nt	---
HGNC:6269 12p11.23	0001822 // ki:	0005739 // m	0005216 // io	---
HGNC:2698 1p31	0008152 // m	0005739 // m	0005515 // pr	---
- 7q36.1	---	---	---	---
HGNC:1400 13p21.3	0006810 // tr:	0005891 // vc	0005216 // io	---
HGNC:17026 7q21.1	0006950 // re	---	0004871 // sig	---
HGNC:28942 1q22	---	0008250 // ol	---	---
HGNC:5173 11p15.5	0006897 // er	0000139 // Gc	0000166 // nt	G_Protein_Signaling // Gen
HGNC:20060 16p12.2	0006511 // ut	0005737 // cy	0004221 // ut	---

HGNC:10947 8p12-p11	0006810 // tr:0005624 // m 0004872 // re---
HGNC:21601 6p24.3	0006810 // tr:0000139 // Gc---
HGNC:1995 15q15	0006600 // cr 0005739 // m 0000166 // nL---
- 5q15	---
HGNC:32019 1q32.2	---
HGNC:25455 Xp11.22	0006364 // rR---
HGNC:25741 19q13.41	0006350 // tr:0005622 // in: 0003676 // nL---
HGNC:18538 15q15.1	0000070 // m 0005634 // nL 0003677 // DI---
HGNC:21667 7q22.1	--- 0016020 // m---
HGNC:17927 12q13.1	0006508 // pr 0005634 // nL 0004175 // er---
HGNC:29548 19p13.2	0006955 // in: 0005634 // nL 0005515 // pr---
HGNC:3819 13q14.1	0001568 // bl 0005634 // nL 0003677 // DI---
HGNC:11743 6p12	0006350 // tr:0005634 // nL 0003677 // DI---
HGNC:29528 2q32.1	0019221 // cy 0005634 // nL 0003676 // nL---
HGNC:14099 5q35.3	0006350 // tr:0005634 // nL 0000287 // m---
HGNC:814 M 12q21.3	0006754 // A10005886 // pl:0000166 // nL Calcium_regulation_in_cardi
HGNC:10494 1q21	0001837 // ex: 0005634 // nL 0005509 // ca---
HGNC:13275 3q27.1 .	0006508 // pr 0000139 // Gc:0003824 // ca---
HGNC:33426 22q11.21	0006520 // ar 0016020 // m 0003840 // ga Eicosanoid_Synthesis // Gen
HGNC:17687 9p24.1-p23	0042254 // rit 0005634 // nL 0003824 // ca---
HGNC:25753 3q27.1	0007026 // nL 0005737 // cy 0005516 // ca---
HGNC:658 M 7q31.3	0006810 // tr:0005622 // in: 0000166 // nL---
HGNC:5381 10q23-q25	0006508 // pr 0005615 // ex 0003824 // ca---
HGNC:2380 5q14.3	0007155 // ce 0005576 // ex 0005488 // bi---
HGNC:14398 17p13	0006520 // ar --- 0003824 // ca---
HGNC:20331 13q34	0007165 // sig 0005622 // in: 0005096 // G1 MAPK_Cascade // GenMAPP
HGNC:122 M 2p25	0006470 // pr 0005625 // so 0003993 // ac---
HGNC:16063 10p12	--- 0005634 // nL 0003700 // tr:---
HGNC:11307 11q24.3	0006613 // cc 0005783 // er 0000166 // nL---
HGNC:19856 14q24.3	--- 0005634 // nL---
HGNC:16872 6p12.1-p11.2	0006810 // tr:0000139 // Gc:0004871 // sig---
HGNC:14516 6p21.3	0006412 // tr:0005622 // in: 0003735 // st---
HGNC:20742 6q16.2	--- 0005741 // m---
HGNC:27120 19q13.11	--- 0016020 // m---
HGNC:2979 20q11.2	0006306 // DI 0005634 // nL 0003677 // DI---
HGNC:2360 14q32.33	0008283 // ce 0005737 // cy 0008270 // zir---
HGNC:28967 1q42.13	--- 0005634 // nL---
- -	---
HGNC:26596 15q23	--- 0016020 // m---
HGNC:17179 9p24.1	0051301 // ce 0005737 // cy 0005515 // pr---
HGNC:15678 3q25.32-q25.5	--- 0005634 // nL 0005515 // pr---
- 2q31.1	---
HGNC:29255 4q26	0006511 // ut--- 0004221 // ut---
HGNC:10682 1q23.3	0006099 // tri 0005739 // m 0000104 // su Electron_Transport_Chain //
NA NA	---
HGNC:30291 4q21.1	0006810 // tr:0005622 // in: 0000166 // nL---
HGNC:25428 10p12.2-p12.1	0007275 // m 0005737 // cy---
HGNC:9751 3p21.3-p21.1	0006412 // tr:0005737 // cy 0000166 // nL---

HGNC:17452|10q24.32 0008152 // m 0005625 // so 0008168 // m ---  
HGNC:23338|10p12.1 0006810 // tr: 0016020 // m 0000062 // ac ---  
HGNC:6801|Xq28 --- --- 0005515 // pr ---  
HGNC:9998|1q31 0007049 // ce --- 0004871 // sig Calcium\_regulation\_in\_cardi  
HGNC:17029|10q22.1-q22.2 0006110 // re 0005634 // nt 0003713 // tr: ---  
HGNC:28184|3q21.3 --- --- --- ---  
HGNC:11398|6p21.3 0006468 // pr 0005634 // nt 0000166 // nt ---  
HGNC:11713|1q21 --- --- 0003676 // nt ---  
HGNC:33867|19q13.12 --- --- --- ---  
HGNC:28431|2q21.2 --- 0005886 // pl --- GPCRDB\_Class\_A\_Rhodopsin  
HGNC:10866|1p34.1 0006486 // pr 0005576 // ex 0008118 // N ---  
HGNC:3583|Xp22.2 0006281 // DI 0005634 // nt --- ---  
HGNC:940|M 8p11.23 0006457 // pr 0005737 // cy 0005057 // re ---  
HGNC:10981|17p13.3 0006810 // tr: 0005739 // m 0005215 // tr: ---  
HGNC:3420|12q13 0007165 // sig 0005737 // cy 0004872 // re ---  
HGNC:26614|12q13.3 --- --- 0005515 // pr ---  
HGNC:6943|1q21 0001709 // ce 0005634 // nt 0005515 // pr Apoptosis\_GenMAPP // Gen  
HGNC:15568|1p35-p34.3 0045454 // ce 0005634 // nt 0009055 // el ---  
HGNC:25772|Xq22.1-q22.3 --- 0005634 // nt 0005488 // bi ---  
HGNC:15942|4p16.3-p16.2 0006810 // tr: 0000139 // Gc 0005484 // S ---  
HGNC:18072|3q13.33 0007264 // sn 0005622 // in: 0000166 // nt ---  
HGNC:9799|12q13 0007264 // sn --- 0000166 // nt ---  
HGNC:13890|20q11.22-q11 0001558 // re 0005622 // in: 0004842 // ut ---  
HGNC:13823|18q22-q23 --- 0005576 // ex 0004872 // re ---  
HGNC:30879|12p13.33 --- --- --- ---  
HGNC:28393|16q24.3 --- --- --- ---  
HGNC:25413|9q31.3-q33.1 --- 0016020 // m 0005509 // ca ---  
HGNC:1974|10q24-q25 0002011 // m 0005634 // nt 0000166 // nt Apoptosis // GenMAPP  
HGNC:1580|15q22.2 0001701 // in 0005624 // m 0005515 // pr Cell\_cycle\_KEGG // GenMAP  
HGNC:3006|9q34.13 0006486 // pr 0000506 // gl 0004582 // dc ---  
HGNC:26111|4q28.2 --- 0005576 // ex --- ---  
HGNC:1564|9q34.11 0006575 // ar 0005737 // cy 0003824 // ca ---  
HGNC:25575|1q32.1 --- --- 0004103 // ch ---  
- 19q11 --- --- --- ---  
HGNC:23|M 16p13.2 0007610 // be 0005739 // m 0003824 // ca ---  
HGNC:29878|3q12.2 0006807 // ni 0005737 // cy 0016787 // hy ---  
HGNC:10994|5q31-q34 0006810 // tr: 0005624 // m 0005215 // tr: ---  
HGNC:4837|Xp22.3 0009887 // or 0005739 // m 0004408 // hc ---  
HGNC:29067|5q32 --- 0005794 // Gc --- ---  
HGNC:21108|6p25.2 --- --- --- ---  
HGNC:5253|14q32.33 0006457 // pr 0005737 // cy 0000166 // nt ---  
HGNC:27815|8q24.3 0006350 // tr: 0005622 // in: 0003676 // nt ---  
HGNC:14435|2q33.2 0006355 // re 0005634 // nt 0003700 // tr: ---  
HGNC:9288|3q29 0005975 // ca --- 0004864 // pl ---  
HGNC:15480|13q21.2 0016043 // ce --- 0003779 // ac ---  
HGNC:5474|2q33-q36 0001558 // re 0005576 // ex 0005515 // pr ---  
HGNC:18469|8p21.3-p22 0018345 // pr 0016020 // m 0008270 // zit ---  
HGNC:14873|5p13.3-p13.2 --- 0005737 // cy 0005515 // pr ---

HGNC:15771|20p13-p12.3 0006508 // pr 0005576 // ex 0004180 // ca ---  
HGNC:4475|8q24.2-q24.3 0007165 // siç 0005886 // pl 0004871 // siç ---  
HGNC:5129|12q13.3 0000122 // ne 0005634 // nl 0003677 // DI ---  
HGNC:27320|4q32.1 --- --- --- ---  
HGNC:5108|7p15-p14 0000122 // ne 0005634 // nl 0003677 // DI ---  
MIM:608534|3q26.2 --- 0005737 // cy 0005515 // pr ---  
HGNC:14101|8p22-p21.3 0005975 // ca 0005634 // nl 0003676 // nl ---  
HGNC:9806|5p13.2 0000075 // ce 0005634 // nl 0003684 // da ---  
HGNC:8849|4q27-q28 0006412 // tr: 0005739 // m 0008135 // tr: ---  
HGNC:1483|Xq23 0006508 // pr 0005622 // in: 0004198 // ca Integrin-mediated\_cell\_adhe  
HGNC:25167|3q29 --- --- --- ---  
HGNC:19694|17q22 --- 0005737 // cy 0005515 // pr ---  
HGNC:28848|17q11.2 --- --- --- ---  
HGNC:19753|14q32.12 --- 0016020 // m --- ---  
HGNC:14671|20q11.23 0006350 // tr: --- 0005515 // pr ---  
NA NA --- --- --- ---  
HGNC:19682|17p13 0006468 // pr 0005634 // nl 0000166 // nl ---  
HGNC:24891|1q22-q23 --- --- --- ---  
HGNC:10534|10q22.1 0006810 // tr: 0005622 // in: 0000166 // nl ---  
HGNC:35428|Xq28 0008283 // ce 0005739 // m --- ---  
HGNC:1791|14q22 0000079 // re 0005737 // cy 0004721 // pl ---  
HGNC:4042|11q14.2 0007165 // siç 0016020 // m 0004871 // siç ---  
HGNC:23531|10q26.12 --- 0016020 // m 0003824 // ca ---  
HGNC:14152|16p13.3 --- 0016020 // m --- ---  
HGNC:30748|12q15-q21 0006508 // pr 0005887 // in: 0004177 // ar ---  
HGNC:26623|2p15 --- 0016020 // m --- ---  
HGNC:7|MIM 12p13.3-p12.3 0001869 // ne 0005576 // ex 0004866 // er ---  
HGNC:8769|5q11 0006412 // tr: 0005739 // m 0003735 // st ---  
HGNC:25748|Xq22.1 0008033 // tR --- 0008168 // m ---  
HGNC:23419|10q22.1 0006839 // m 0005739 // m 0005515 // pr ---  
HGNC:4248|8q12.3 0006541 // gl: 0005576 // ex 0003824 // ca ---  
HGNC:11480|10p11.2 0007010 // cy 0005634 // nl 0003779 // ac ---  
HGNC:11509|12cen-q21 0005513 // de 0005737 // cy 0005215 // tr: ---  
HGNC:17152|Xp22.11 0006637 // ac 0005739 // m 0003986 // ac ---  
HGNC:17068|4q32.3 0007010 // cy 0005634 // nl 0003779 // ac ---  
HGNC:23533|10q26.3 --- --- 0005515 // pr ---  
HGNC:8690|5q31 0007155 // ce 0005886 // pl 0005509 // ca ---  
HGNC:21365|6p25.1 --- 0005739 // m --- ---  
HGNC:30622|18p11.21 0006810 // tr: 0005737 // cy 0003779 // ac ---  
HGNC:11103|22q11.23|22c 0001824 // bl 0000228 // nl 0002039 // p5 ---  
HGNC:33196|19p13.3 --- 0005811 // lip --- ---  
HGNC:11388|5q35.1 0006468 // pr --- 0000166 // nl ---  
HGNC:8804|5q31-q32 0006468 // pr 0016020 // m 0000166 // nl ---  
- 22q13.33 --- --- --- ---  
HGNC:21155|6p23-p22.3 0006928 // ce 0005622 // in: 0004842 // uk ---  
HGNC:29859|17q21.3 0006928 // ce 0005622 // in: 0005515 // pr ---  
HGNC:29669|14q24.3 --- 0005856 // cy --- ---  
HGNC:16823|17p11.2 0007165 // siç 0005887 // in: 0004930 // G ---

HGNC:22952 12q23.1	0007242 // in	---	---	---
HGNC:2720 18q24.1-q24.2	0032312 // re	0005737 // cy	0005096 // G	---
HGNC:24080 15q22.2	0007219 // N	0016020 // m	0005515 // pr	---
HGNC:1738 E14q32.3	0006468 // pr	0005737 // cy	0000166 // n	---
HGNC:3811 14q13	0002052 // pc	0005634 // n	0003677 // D	---
HGNC:30785 17q25.1	0006350 // tr	0005634 // n	0005515 // pr	---
HGNC:23109 4q28.1	0007155 // ce	0016020 // m	0005509 // ca	---
HGNC:16937 3p14	0015813 // L	0005737 // cy	0005515 // pr	---
HGNC:11761 7q22	0007596 // bl	0005576 // ex	0004866 // er	---
HGNC:26382 10q26.3	---	---	---	---
HGNC:11098 9p22.3	0006338 // ch	0005634 // n	0000166 // n	---
HGNC:18133 12q	0000165 // M	0005737 // cy	0000166 // n	---
HGNC:22931 Xq23-q24	0019941 // m	---	0005515 // pr	---
NA	NA	---	---	---
HGNC:30841 17q21.2	0031069 // h	0005737 // cy	0005198 // st	---
HGNC:12691 6q25.2-q26	0007016 // cy	0001726 // ru	0005488 // bi	---
HGNC:380 M1p33-p32	0006006 // gl	0005829 // cy	0004032 // al	---
HGNC:9055 15q15	0006629 // li	---	0004435 // p	S1P_Signaling // GenMAPP
HGNC:3638 11q22	0006091 // g	0005739 // m	0005506 // ir	---
HGNC:24472 1p13.3	0001578 // m	0005737 // cy	0005515 // pr	---
HGNC:13497 19p13.11	0006350 // tr	0005622 // in	0003676 // n	---
HGNC:25565 1q24.2	---	---	---	---
HGNC:26094 Xq21.33-q22.3	0006810 // tr	0016020 // m	0005509 // ca	---
HGNC:29823 12q13.13	0006936 // m	0005859 // m	0003774 // m	---
HGNC:10638 4q21.2	0006935 // ch	0005576 // ex	0005125 // cy	---
HGNC:5432 121q22.1 21q2	0007166 // ce	0005887 // in	0004872 // re	---
HGNC:14477 6q25.3	0006412 // tr	0005739 // m	0003735 // st	---
HGNC:7237 11p15	---	0005634 // n	---	---
HGNC:16833 18q22.2	0006952 // d	0005737 // cy	0005515 // pr	---
HGNC:7541 E17q25.1	---	0016020 // m	---	---
HGNC:2744 10q21	---	0005634 // n	0000166 // n	---
HGNC:16096 20q11.23	---	---	---	---
HGNC:8095 19p13.3	---	0005737 // cy	0005515 // pr	---
HGNC:18718 18q11.2	---	0016020 // m	0004091 // ca	---
HGNC:11504 6q25.3	0016311 // d	0016020 // m	0000166 // n	---
HGNC:4188 122q13.1	0006520 // ar	0005739 // m	0003824 // ca	---
HGNC:16259 11q21	0006350 // tr	0005634 // n	0003713 // tr	---
HGNC:17358 7q34-q35	0006772 // th	---	0000166 // n	---
HGNC:16835 16p11.2	0000186 // ac	0005634 // n	0000166 // n	---
HGNC:14454 Xq28	0006810 // tr	0005886 // pl	0004872 // re	---
Ensembl:ENSC2p21	0006468 // pr	---	0004672 // pr	---
HGNC:20184 14q23.1	---	0005886 // pl	---	---
HGNC:25624 4p15.2	0032313 // re	0005622 // in	0005096 // G	---
HGNC:14288 9q34	0007275 // m	0005578 // pr	---	---
HGNC:15948 20q13.3	---	0005622 // in	0003676 // n	---
HGNC:25169 Xq22.1	---	0005737 // cy	0004872 // re	---
HGNC:3335 19q13.3	0008285 // n	0016020 // m	---	---
HGNC:11908 18q22.1	0001503 // os	0016020 // m	0004872 // re	---

HGNC:16864 14q22.3	0000087 // M 0005634 // nL 0004721 // pL---
HGNC:26101 17q21.33	0006629 // liç 0005739 // m 0000166 // nL---
HGNC:23640 6p22.1	0006350 // tr: 0005622 // in: 0003676 // nL---
HGNC:24722 19q13.41	0006350 // tr: 0005622 // in: 0003676 // nL---
HGNC:18756 8p21.3	0007264 // sn 0005622 // in: 0000166 // nL---
HGNC:18020 12p13	0001580 // de 0016020 // m 0004871 // sig---
HGNC:8727 18p22-p21.3	0006468 // pr 0000242 // pe 0000166 // nL---
HGNC:24666 5q35.2	--- 0005737 // cy 0005515 // pr---
HGNC:25592 8p21.1	0016180 // sn 0005634 // nL 0005515 // pr---
- 17q23.1	--- --- ---
HGNC:7106 14q24.3-q32.2	0006289 // nL 0005634 // nL 0005515 // pr---
HGNC:13544 8q24.3	0006338 // ch 0005622 // in: 0003677 // DI---
HGNC:26821 2q31.2	--- --- 0005515 // pr---
HGNC:12412 6p25	0007017 // m 0005874 // m 0000166 // nL---
HGNC:29415 19q13.2	0006350 // tr: 0005622 // in: 0003676 // nL---
HGNC:17086 10q11	0006397 // m 0005622 // in: 0000166 // nL mRNA_processing_Reactom
HGNC:33704 2q35	--- 0016020 // m ---
HGNC:25322 12q21.32	--- --- ---
HGNC:24662 19q13.1	0006364 // rR 0000178 // ex 0000175 // 3'---
HGNC:29196 8q24.3	0006810 // tr: 0016020 // m ---
HGNC:26905 16p11.2	--- --- ---
HGNC:863 M 5q35.1	0006810 // tr: 0005624 // m 0005215 // tr:---
HGNC:16665 Xq25-q26.3	0006955 // in: 0005576 // ex 0005102 // re---
HGNC:25645 12q23.2	0006914 // al 0005764 // ly:---
- 17q25.3	--- --- ---
- 12q21	--- --- ---
HGNC:2959 13p21.1-p14.3	0006259 // DI 0005634 // nL 0003677 // DI---
HGNC:3380 18p11.32	0030866 // cc 0005737 // cy 0003779 // ac---
HGNC:15512 1p11-p13.1	0007275 // m 0016020 // m 0005515 // pr---
HGNC:18484 22q12.2	0006470 // pr 0005634 // nL 0004721 // pL---
HGNC:9022 21q22.3	0001525 // ar 0005634 // nL 0003677 // DI---
HGNC:28350 16p11.2	0006355 // re 0005622 // in: 0003676 // nL---
HGNC:30075 5q14.3	0006350 // tr: 0005634 // nL 0003899 // DI---
HGNC:30584 1p11.2	--- --- ---
MIM:610391 19p13.3	--- 0016020 // m 0003824 // ca---
HGNC:18398 4q22-q23	0000018 // re 0005634 // nL 0000166 // nL---
HGNC:17997 19q13.32	0009101 // gl 0000139 // Gç 0016740 // tr:---
HGNC:2945 1q42.12	0006278 // Rl 0005874 // m 0000166 // nL---
HGNC:3173 5q14	0007155 // ce 0005576 // ex 0005178 // in:---
HGNC:13585 1p36.22	0006508 // pr --- 0001948 // gl---
HGNC:11619 16p12.3	0006350 // tr: 0005634 // nL 0003746 // tr:---
HGNC:9037 19q13.3	0006644 // pL 0005829 // cy 0004620 // pL---
HGNC:30697 16q12.1	--- 0005576 // ex 0005515 // pr---
HGNC:20952 6p24.2	--- 0005739 // m ---
HGNC:87 MIM 11q25	0006350 // tr: 0005739 // m 0003995 // ac---
- -	--- --- ---
HGNC:15586 7q31.3	--- 0016020 // m 0005515 // pr---
HGNC:25114 5q35.2	--- --- ---



HGNC:30086|17q25.3 0008033 // tR --- 0003824 // ca ---  
HGNC:6937|15q12-q13 0006552 // le 0005739 // m 0004485 // m ---  
HGNC:22923|2q35 0009058 // bi --- 0004475 // m ---  
HGNC:12524|9q31 0006679 // gl 0005624 // m 0008120 // ce ---  
HGNC:30628|1p36.22 0007242 // in 0005737 // cy 0004872 // re ---  
HGNC:24280|8q24.22 --- --- 0003676 // nL ---  
HGNC:20968|14q24.3 0006350 // tr: 0005634 // nL --- ---  
HGNC:3561|15q33.3-q34 0006629 // liç 0005737 // cy 0005215 // tr: ---  
HGNC:17787|12q21 0006461 // pr 0005886 // pl 0005515 // pr ---  
HGNC:9770|11q12-q14 0007264 // sn 0005795 // Gc 0000166 // nL ---  
HGNC:18894|2q32.1 0000188 // in 0005737 // cy 0004721 // pl ---  
HGNC:389|M 1p36.13 0005975 // ca 0005794 // Gc 0004032 // al ---  
HGNC:13861|8p22 0006350 // tr: 0005634 // nL 0003677 // DI ---  
HGNC:20192|14q22.3 0006886 // in 0030131 // cl: 0005515 // pr ---  
HGNC:29478|16p13.3 --- 0005622 // in --- ---  
HGNC:26648|4q27 0044267 // ce --- 0005515 // pr ---  
HGNC:33451|17q25.3 --- --- --- ---  
HGNC:29205|5q35.1 0006810 // tr: 0000139 // Gc 0005515 // pr ---  
HGNC:1298|12q22.3 --- --- 0005515 // pr ---  
HGNC:25021|3q22.1 0006281 // DI --- 0004518 // nL ---  
HGNC:30073|11q13.1 0000060 // pr 0005634 // nL 0003677 // DI DNA\_replication\_Reactome  
HGNC:25905|12q24.22 --- 0016020 // m 0005515 // pr ---  
HGNC:17679|17p13 0006810 // tr: 0005634 // nL 0005085 // gu ---  
HGNC:27067|13q14.3 0006397 // m 0005634 // nL 0000166 // nL ---  
HGNC:4183|1p22.2 0006955 // in 0005886 // pl 0000166 // nL ---  
HGNC:9123|17q22.1 0006298 // m --- 0003684 // dæ ---  
HGNC:24921|7p22 0006412 // tr: 0005737 // cy 0000166 // nL Translation\_Factors // GenM  
HGNC:17362|10q21.2 0006350 // tr: 0005622 // in 0003677 // DI ---  
HGNC:24811|3q21.1 0006457 // pr 0005783 // er 0003756 // pr ---  
HGNC:17039|19p13.3 --- 0005737 // cy --- ---  
HGNC:18178|8q24.3 0006810 // tr: 0005768 // er 0005515 // pr ---  
HGNC:7958|14q31-q32 0007165 // siç 0005886 // pl 0001601 // pe GPCRDB\_Class\_A\_Rhodopsin  
HGNC:7546|17p13.3 0006350 // tr: 0005634 // nL 0003677 // DI ---  
HGNC:11003|6p21.2-p21.1 0006139 // nL 0005624 // m 0005337 // nL ---  
HGNC:14307|6p12.1 --- 0005737 // cy 0005515 // pr ---  
HGNC:15990|2q24.2 0006944 // m 0005737 // cy 0005509 // ca ---  
HGNC:28501|7q36.1 0006350 // tr: 0005622 // in 0003676 // nL ---  
HGNC:20338|14q12 0000209 // pr 0005622 // in 0004842 // uk ---  
HGNC:6315|12p23.3 0005975 // ca 0005737 // cy 0004454 // ke ---  
HGNC:18080|3q12.1 0006040 // ar 0000139 // Gc 0008373 // siç ---  
HGNC:8761|13q26.1 0006915 // aç 0016020 // m 0005515 // pr ---  
HGNC:26183|5q15 0019722 // ca 0005624 // m 0005509 // ca ---  
HGNC:735|M 8p22-p21.3 0006629 // liç 0005764 // ly: 0003824 // ca S1P\_Signaling // GenMAPP  
HGNC:18246|13q12.11 0006631 // fa --- 0003824 // ca ---  
HGNC:26117|1p34.1 0006464 // pr 0005622 // in 0005515 // pr ---  
HGNC:10937|21q22.3 0006810 // tr: 0005624 // m 0005542 // fo ---  
HGNC:30205|11q14.1 --- --- --- ---  
HGNC:4739|11q23.2-q23.3 0000724 // dc 0000785 // ch 0003677 // DI Proteasome\_Degradation //

HGNC:11465 14q11.2	0006260 // DI 0005634 // nt 0008159 // pc---
HGNC:16732 2p13.3	0046491 // L- 0005739 // m 0004493 // m---
HGNC:2742 16q22.1	0006406 // m 0005634 // nt 0000166 // nt---
HGNC:4581 1p34-p33	0006810 // tr: 0005886 // pl 0004872 // re---
HGNC:11494 Xp11.23	0007268 // sy 0000795 // sy 0003779 // ac---
HGNC:3761 14q24-q32	0007155 // ce 0005578 // pr 0005057 // re---
HGNC:2715 1p22	0006527 // ar 0005737 // cy 0003824 // ca---
HGNC:24326 18q11.2	--- --- --- ---
HGNC:16826 13q14	0006350 // tr: 0005634 // nt 0003700 // tr:---
- 19q13.33	--- --- --- ---
HGNC:9137 4q27	0006364 // rR 0000176 // nt 0000175 // 3'---
HGNC:16104 20q11.22	--- 0005634 // nt---
HGNC:28264 10q23.32	0006350 // tr: 0005813 // ce 0005515 // pr---
HGNC:9795 14q11.2	0006464 // pr--- 0004659 // pr---
HGNC:1940 Xq21.2	0001568 // bl 0005634 // nt 0004663 // R---
HGNC:32979 Xq28	0006281 // DI 0005622 // in: 0000287 // m---
HGNC:21961 7q22.1	0006350 // tr: 0005622 // in: 0003676 // nt---
HGNC:28408 3q26.2	--- --- --- ---
HGNC:14013 3q26.1	0000070 // m 0000796 // cc 0000166 // nt---
HGNC:30704 7q32.1	--- --- --- ---
HGNC:28793 1q24.2	--- --- --- ---
HGNC:4862 12q13.1	--- 0005624 // m---
HGNC:19138 12p13	--- --- 0005515 // pr---
HGNC:21075 6q23.1	--- 0016020 // m---
HGNC:9380 19p13.1	0001707 // m 0005634 // nt 0000166 // nt Calcium_regulation_in_cardi
HGNC:14644 16q11	--- 0016020 // m 0004872 // re---
HGNC:7806 1p32 1p32	0006350 // tr: 0005622 // in: 0003677 // DI---
HGNC:24008 1q41	0002687 // pc 0005789 // er 0005515 // pr---
HGNC:11905 8p22-p21	0006915 // ar 0005886 // pl 0004872 // re Apoptosis // GenMAPP
HGNC:14573 8p21.3-p21.2	0006256 // UI 0000139 // Gc 0000287 // m---
HGNC:25987 4p15.31	--- --- --- ---
HGNC:19331 12q24	0009236 // cc 0005739 // m 0000166 // nt---
HGNC:4634 1p13.3	0008152 // m 0005737 // cy 0004364 // gli---
HGNC:19169 7p14-p13	--- 0005768 // er---
HGNC:2022 Xp22.3	0006810 // tr: 0016020 // m 0005216 // io---
HGNC:9571 E 20p13	0006511 // ut 0005829 // cy 0005515 // pr---
HGNC:7750 11p15.2-p15.1	0007155 // ce 0005576 // ex 0000287 // m---
HGNC:5138 2q31.1	0006350 // tr: 0005634 // nt 0003677 // DI---
HGNC:554 M 22q12 22q12	0006810 // tr: 0005794 // Gc 0005215 // tr:---
HGNC:30099 17q25.3	0007186 // G- 0005576 // ex 0005515 // pr---
HGNC:20330 13q12.3	0006955 // in: 0005634 // nt---
HGNC:9369 12q13	0006260 // DI 0005654 // nt 0003896 // DI DNA_replication_Reactome
HGNC:1151 10q26	0000070 // m 0000776 // kii 0005515 // pr Cell_cycle_KEGG // GenMAP
HGNC:21347 6p12.3	--- 0000775 // ch---
HGNC:923 M 11q12.3	0006024 // gl 0000139 // Gc 0015018 // ga---
HGNC:7785 9p24.1	0006260 // DI 0005622 // in: 0003677 // DI---
HGNC:7794 4q24	0006350 // tr: 0005634 // nt 0003677 // DI Apoptosis // GenMAPP /// A
HGNC:30231 1q23.2	--- --- 0005515 // pr---

HGNC:11386 11p15.5	0005513 // de	0005783 // er	0005509 // ca	---
HGNC:10564 15q23-q25	0006810 // tr:	0016020 // m	0005515 // pr	---
HGNC:23761 11p11.2	---	---	0005515 // pr	---
HGNC:33814 6q21	0006139 // nt	---	0005524 // A1	---
HGNC:13285 2q24.3	---	---	0000166 // nt	---
HGNC:6142 11q23.1	0007044 // ce	0008305 // in:	0004872 // re	Integrin-mediated_cell_adhe
HGNC:29909 16p13.11	0007613 // m	0005634 // nt	0008418 // pr	---
HGNC:18798 9q31.2	0006810 // tr:	0016020 // m	0015220 // ch	---
HGNC:26402 2q33.1	---	0005886 // pl	---	---
HGNC:14151 16p13.3	0007275 // m	0005576 // ex	---	---
HGNC:24048 2q23.3	---	0016020 // m	0005515 // pr	---
HGNC:17493 6p22.3	0007049 // ce	0005654 // nt	0005515 // pr	DNA_replication_Reactome
HGNC:21215 6p21.31	---	---	---	---
HGNC:11859 11p15.5	0006461 // pr	0005886 // pl	0005515 // pr	---
Ensembl:ENSC16p13.3	0006810 // tr:	0005739 // m	---	---
HGNC:11998 17p13.1	0000060 // pr	0005626 // in:	0000739 // DI	Apoptosis // GenMAPP /// A
HGNC:9563 11q33.2	0031145 // ar	0000502 // pr	0005488 // bi	Proteasome_Degradation //
HGNC:19349 12q12	0007018 // m	0005874 // m	0000166 // nt	---
HGNC:13575 19p13.1	---	0005634 // nt	0005515 // pr	---
HGNC:11353 3p22.3	0007165 // si	0005625 // so	0008270 // zir	---
HGNC:1459 11p25.3	0006468 // pr	0005634 // nt	0000166 // nt	Calcium_regulation_in_cardi
HGNC:2745 11p11.3-p11.2	0044419 // in:	0005634 // nt	0000166 // nt	---
HGNC:9970 11q11.23	0006260 // DI	0005634 // nt	0000166 // nt	DNA_replication_Reactome
HGNC:20460 9q34.13-q34.3	0005975 // ca	0000139 // Gc	0016740 // tr:	---
HGNC:4913 11q11.23	0006350 // tr:	0005624 // m	0003779 // ac	---
HGNC:18 11q23	0001525 // ar	0005737 // cy	0008201 // he	---
HGNC:25046 20q11.23	---	---	---	---
- 12q23.1	---	---	---	---
HGNC:20566 1q21.2	0006810 // tr:	0005737 // cy	0005215 // tr:	---
HGNC:34453 15q23	---	0005576 // ex	---	---
HGNC:2859 11p33-p31.1	0006694 // st	0000139 // Gc	0003824 // ca	---
HGNC:8653 11q32	0008152 // m	0005739 // m	0000166 // nt	---
HGNC:15716 6q24	---	0005737 // cy	---	---
HGNC:25697 8q24.3	---	---	---	---
HGNC:28611 5p13.1	0007275 // m	0005622 // in:	0005085 // gu	---
HGNC:18381 11q13.2	0006810 // tr:	0008021 // sy	0005215 // tr:	---
HGNC:1585 11p21	0001934 // pc	0000307 // cy	0004693 // cy	Cell_cycle_KEGG // GenMAP
HGNC:10933 6q14-q15	0006810 // tr:	0005624 // m	0005351 // su	---
HGNC:20240 1p35.1	---	0005777 // pe	---	---
HGNC:24684 5q13.3	0001525 // ar	0005576 // ex	0003676 // nt	---
HGNC:23213 17q12	0006506 // Gf	0005783 // er	0008374 // O	---
HGNC:30000 7p14	0007601 // vi:	0005737 // cy	---	---
- 1q21.1	---	---	---	---
HGNC:18187 11q24	---	0005764 // ly:	0001681 // si	---
HGNC:28272 16q24.3	0045449 // re	0000775 // ch	0003677 // DI	---
HGNC:17585 7q32.1	0030513 // pc	0005576 // ex	0005515 // pr	---
HGNC:11820 Xp11.3-p11.2	0001775 // ce	0005576 // ex	0004857 // er	MAPK_Cascade // GenMAPP
HGNC:30213 1p36	0006754 // A1	0016020 // m	0000166 // nt	---

HGNC:16700 8q23	0000122 // n	0005622 // in	0003677 // DI	---
HGNC:26709 9q33.3	---	0016020 // m	---	---
HGNC:15708 6p12.1	---	0005886 // pl	0004872 // re	---
HGNC:19123 10q22.2	0006412 // tr	0005622 // in	0003735 // st	---
HGNC:8734 17q25.1	0006810 // tr	0000777 // cc	---	---
HGNC:10928 12q13	0006810 // tr	0005624 // m	0005477 // py	---
HGNC:1925 11q24-q24	0000077 // DI	0000794 // cc	0000166 // n	Cell_cycle_KEGG // GenMAP
HGNC:28889 15q24-q25	0006810 // tr	0005794 // G	---	---
- 19q13.12	---	---	---	---
HGNC:11948 19q13.4	0003009 // sk	0005861 // tr	0005515 // pr	Striated_muscle_contractor
HGNC:11749 13q34	0006350 // tr	0005634 // n	0003677 // DI	Cell_cycle_KEGG // GenMAP
HGNC:14267 13q21.1	0007155 // ce	0005886 // pl	0005509 // ca	---
HGNC:4632 1p13.3	0008152 // m	0005737 // cy	0004364 // gl	---
HGNC:18060 Xp21	0001764 // n	0005634 // n	0003677 // DI	---
HGNC:28685 4p11	---	0005739 // m	---	---
HGNC:14934 19p13.3	0006342 // ch	0005634 // n	0003677 // DI	---
HGNC:11868 21q22.3	0006810 // tr	0005794 // G	0015081 // so	---
HGNC:30452 8q22.1	---	---	---	---
HGNC:20473 17q22-q24	0000077 // DI	0005634 // n	0000166 // n	---
HGNC:9153 2q35	---	0005634 // n	0008270 // zir	---
HGNC:9336 22q11.22	---	---	0005515 // pr	---
HGNC:2914 2q32	0006355 // re	0005634 // n	0003677 // DI	---
HGNC:17156 8q21.11	0006954 // in	0005576 // ex	0005515 // pr	---
HGNC:19237 9p24.1-p23	0008152 // m	0005737 // cy	0003824 // ca	---
HGNC:594 M 11p11.2	0006915 // a	0005634 // n	0005488 // bi	---
HGNC:11825 14q13	0001764 // n	0005634 // n	0003677 // DI	---
HGNC:26936 15q15.3-q21.1	---	---	0004721 // p	---
HGNC:21754 7q11.23	---	0016020 // m	---	---
HGNC:16278 5q35.3	---	0005622 // in	0005515 // pr	---
HGNC:15492 5p15.1	0001501 // sk	0005887 // in	0005315 // in	---
HGNC:14045 20p13	0042769 // DI	0005739 // m	---	---
HGNC:16817 22q11.21 22c	0006397 // m	0005634 // n	---	---
HGNC:12556 19p13.3	0006281 // DI	0005634 // n	0003677 // DI	---
HGNC:9173 Xp22.1-p21.3	0000084 // S	0000785 // ch	0000166 // n	DNA_replication_Reactome
HGNC:14349 2q13	0007049 // ce	0005634 // n	0000166 // n	---
HGNC:9119 7q22.1	0006508 // pr	0005739 // m	0003824 // ca	---
HGNC:11486 Xq28 and Yq1	0006810 // tr	0005764 // ly	0005515 // pr	---
HGNC:13404 4q28.3	0007155 // ce	0005886 // pl	0005509 // ca	---
- 7q31.1	---	0016020 // m	---	---
HGNC:29416 9q32	0006350 // tr	0005622 // in	0003677 // DI	---
HGNC:7704 8q13.3	0006120 // m	0005739 // m	0008137 // N	Electron_Transport_Chain //
HGNC:25925 12q24.13	---	---	---	---
HGNC:28456 11q13.2	---	0016020 // m	0005515 // pr	---
HGNC:18333 4q22.1	0045449 // re	0000775 // ch	0003676 // n	---
HGNC:2261 17q22	0007585 // re	0005739 // m	0004129 // cy	Electron_Transport_Chain //
HGNC:8754 3q29	0006656 // p	0005625 // so	0003824 // ca	Acetylcholine_Synthesis // G
- 9p24.1	0000398 // n	0005634 // n	0000166 // n	---
HGNC:25142 11p12	---	---	---	---

HGNC:12785|2q35 0007223 // W 0005576 // ex 0004871 // sig Wnt\_signaling // GenMAPP  
HGNC:7871|Xq13.1 0006281 // DI 0005634 // nl 0000166 // nl mRNA\_processing\_Reactor  
HGNC:30141|11p11.2 0006281 // DI 0005634 // nl 0003684 // da ---  
HGNC:5232|6p21.3 0006402 // m 0005634 // nl 0000166 // nl ---  
HGNC:24152|3q25.32 0000380 // al 0005634 // nl 0005515 // pr ---  
HGNC:12371|21q22.3 0007126 // m 0005634 // nl --- ---  
HGNC:30831|9q22.33 0007281 // ge 0005737 // cy 0003676 // nl ---  
HGNC:16627|22q11|22q12 0000077 // DI 0005634 // nl 0000166 // nl Cell\_cycle\_KEGG // GenMAP  
HGNC:1789|1p32 0000079 // re 0005634 // nl 0004861 // cy G1\_to\_S\_cell\_cycle\_Reactor  
HGNC:26899|12q21.32 --- 0016020 // m 0005488 // bi ---  
HGNC:2420|21q21.3 0008152 // m 0005829 // cy 0003824 // ca ---  
HGNC:16457|21q22.3 --- 0005634 // nl 0005515 // pr ---  
HGNC:6533|4p16 0007275 // m 0005634 // nl 0003712 // tr ---  
HGNC:6826|19cen-q13.1 0005975 // ca 0005764 // ly: 0003824 // ca ---  
HGNC:19986|7p15.3 0006309 // DI 0000159 // pr 0004722 // pr Apoptosis // GenMAPP /// A  
HGNC:14153|16p13.3 --- --- --- ---  
HGNC:9959|Xq28 0006013 // m 0005737 // cy 0003824 // ca ---  
HGNC:6038|19p13.2 0000279 // M 0005622 // in: 0003677 // DI ---  
HGNC:2961|14q32.3-qter| 0007018 // m 0005737 // cy 0000166 // nl ---  
HGNC:26318|20p12.3 --- --- --- ---  
HGNC:20994|15q25.2 0006350 // tr: 0005622 // in: 0003676 // nl ---  
HGNC:12640|11q13.5 0006281 // DI 0005737 // cy --- ---  
HGNC:29071|13q14.11 --- 0005576 // ex 0000166 // nl ---  
HGNC:30682|11q13.1 --- --- --- ---  
HGNC:842|M 12q13.13 0006810 // tr: 0005739 // m 0005215 // tr: Electron\_Transport\_Chain //  
HGNC:8029|17p13-p12 0001764 // ne 0005576 // ex 0005515 // pr ---  
HGNC:8736|E 1q42.2 --- 0016020 // m --- ---  
HGNC:16836|2q12.1 0007165 // sig 0005737 // cy 0004872 // re ---  
HGNC:16074|4p11 --- 0005768 // er --- ---  
HGNC:7623|2p25.3 0006350 // tr: 0005634 // nl 0003677 // DI ---  
HGNC:9781|1q42-q43 0006810 // tr: 0005737 // cy 0000166 // nl ---  
HGNC:23082|7q11.23 --- 0016020 // m --- ---  
HGNC:2571|17q11-qter 0006091 // ge 0005887 // in: 0000293 // fe ---  
HGNC:23034|6q25.2 0009966 // re 0005737 // cy 0005515 // pr ---  
HGNC:4194|15q15 0006809 // ni: 0005634 // nl 0005515 // pr ---  
HGNC:4551|19p13.12 0006629 // li: 0005737 // cy 0016491 // ox ---  
HGNC:26220|15q22.31 0032204 // re 0000784 // nl 0000166 // nl ---  
HGNC:16969|13q12.3 0006950 // re 0005737 // cy 0000166 // nl ---  
HGNC:25407|3q29 --- --- --- ---  
HGNC:24310|1q21.2 0007049 // ce 0005634 // nl --- ---  
HGNC:11827|15q13 0001825 // bl 0005634 // nl 0005515 // pr ---  
HGNC:9783|3p24-p22 0006810 // tr: 0001726 // ru 0000166 // nl ---  
HGNC:10057|3q25.1 --- 0005634 // nl 0005515 // pr ---  
HGNC:16084|2q14.3 --- 0005634 // nl 0008270 // zir ---  
HGNC:15646|7p15.3 --- 0005634 // nl 0005515 // pr ---  
HGNC:26196|10q24.32 --- 0016020 // m --- ---  
HGNC:14177|16p13.3 --- --- 0008270 // zir ---  
HGNC:9976|13q14 0007049 // ce 0005622 // in: 0004871 // sig ---

HGNC:10329|11p15 0006412 // tr:0005622 // in:0003723 // R| Ribosomal\_Proteins // GenM  
HGNC:736|M 4q21.1 0006629 // li:0005737 // cy:0016787 // hy---  
HGNC:6342|L 4q11-q12 0002573 // m:0005615 // ex:0000166 // n:---  
HGNC:28453|17p11.2 --- --- --- ---  
HGNC:24852|19p12-p11 0007165 // si:0005622 // in:0005096 // G|---  
HGNC:21688|7q22.1 --- --- 0005515 // pr---  
HGNC:12868|11q13 0006810 // tr:0005576 // ex:0003677 // DI---  
HGNC:926|M 1q21-q23 0005975 // ca:0005737 // cy:0003831 // be---  
HGNC:16476|11p15.5 0006954 // in:0005737 // cy:0004871 // si:---  
HGNC:9760|L 15q21.3-q22.3 0006810 // tr:0005768 // er:0000166 // n:---  
HGNC:24536|4q13.3-q21.3 --- 0016020 // m --- ---  
HGNC:15487|14q22.1 0006260 // DI:0005624 // m:0015036 // di:---  
HGNC:29045|1pter-q31.3 0006350 // tr:0005622 // in:0003676 // n:---  
HGNC:28786|3q29 --- --- --- ---  
HGNC:25462|11q13 --- 0005634 // n:0005488 // bi ---  
HGNC:24091|12q24.12 --- --- --- ---  
HGNC:26409|8q23.1 --- 0016020 // m --- ---  
HGNC:11633|19p13.3 0002326 // B:0005634 // n:0003677 // DI---  
HGNC:30702|12p11 --- --- --- ---  
HGNC:3167|L 9q22.1-q22.2 0001816 // cy:0005886 // pl:0001619 // ly:S1P\_Signaling // GenMAPP /  
HGNC:29386|1p32.3 --- --- --- ---  
HGNC:8982|L 3q22.1 0006468 // pr:0005829 // cy:0000166 // n:---  
HGNC:2362|L 17p13.3 0006357 // re:0005634 // n:0005515 // pr: Integrin-mediated\_cell\_adhe  
HGNC:21690|7p22.3 --- --- 0005515 // pr---  
HGNC:28110|5q33.3 0006464 // pr:0005634 // n:0004721 // pl---  
HGNC:3723|L 2q31.2 0006457 // pr:0005783 // er:0003755 // pe---  
HGNC:17931|19q13.2 0006350 // tr:0005634 // n:0005515 // pr---  
HGNC:6111|L 5q13.3 0006122 // m:0005622 // in:0003779 // ac:G13\_Signaling\_Pathway // G  
HGNC:11823|3p25 --- 0005576 // ex:0004857 // er: Matrix\_Metalloproteinases /  
HGNC:3721|L 6p21.3-p21.2 0006457 // pr:0005634 // n:0003755 // pe---  
HGNC:14453|10q22 0006334 // n:0000786 // n:0003677 // DI---  
HGNC:2716|L 6p21.3 0006527 // ar:0005737 // cy:0003824 // ca---  
HGNC:16949|Xp11.22 --- --- --- ---  
HGNC:10634|17q11.2-q12 0006874 // ce:0005576 // ex:0005125 // cy---  
HGNC:8096|L 15q22.31 0006595 // pe --- 0004857 // er ---  
HGNC:751|M Xp22.3; Yp11. 0030187 // m:0005737 // cy:0008168 // m ---  
HGNC:25662|15q22.33-q23 0006810 // tr:0005737 // cy --- ---  
HGNC:712|M 17p13 0007165 // si:0005634 // n:0005515 // pr: Calcium\_regulation\_in\_cardi  
HGNC:9662|L 20p13 0007155 // ce:0005886 // pl:0004872 // re ---  
HGNC:23399|9p22.3 0007155 // ce:0005576 // ex:0005488 // bi ---  
HGNC:17352|22q13.1-q13.2 --- --- 0003723 // R|---  
HGNC:25537|4q21.1 0006810 // tr:0005634 // n:0005488 // bi ---  
HGNC:9461|L 12q12-q13 --- 0005882 // in:0005198 // st:---  
HGNC:6343|L 12q22 0001755 // n:0005576 // ex:0005173 // st:---  
HGNC:25178|16p13.3 --- --- --- ---  
HGNC:6743|L 11p13 --- 0005737 // cy:0005515 // pr ---  
HGNC:32697|10p12.31 --- 0005634 // n:0000166 // n:---  
HGNC:28845|19q13.3 0006350 // tr:0005634 // n:--- ---

HGNC:12576 7p12.3	0006139 // nL 0005737 // cy 0003824 // ca---
HGNC:16429 4p14	0008152 // m 0005739 // m 0003824 // ca---
HGNC:6881 10q11.22	0001503 // os 0005634 // nL 0000166 // nL---
HGNC:24539 12p13.31	0006810 // tr: 0005886 // pl: 0005515 // pr---
HGNC:412 M 1q23.1	0006081 // ce 0005634 // nL 0004029 // al---
HGNC:11064 16q22.1	0006461 // pr 0005886 // pl: 0015171 // ar---
HGNC:24185 Xq28	0006974 // re 0000151 // uk 0005515 // pr---
HGNC:44 MIN 6p21.3	0001916 // pc 0005624 // m 0000166 // nL---
HGNC:23086 Xp11.21	0006511 // uk 0005634 // nL 0004221 // uk---
HGNC:9972 13q27	0006260 // DI 0005634 // nL 0000166 // nL DNA_replication_Reactome
HGNC:27017 2q14.2	--- --- --- ---
HGNC:29346 10q26.3	--- --- 0005515 // pr---
HGNC:24264 1q44	--- --- --- ---
HGNC:17273 3p21.31	0007018 // m 0005737 // cy 0000166 // nL---
HGNC:5363 6p22-p21	0000082 // G: 0005634 // nL 0003714 // tr:---
HGNC:1293 E 21q22.12	--- 0016020 // m --- ---
HGNC:16862 7p15.3	0007264 // sn 0005622 // in: 0005085 // gu---
HGNC:2972 19q34	0006897 // er 0005737 // cy 0000166 // nL---
HGNC:24574 2q33.1	--- 0043234 // pr --- ---
HGNC:14065 7p21.1	0000122 // nE 0000118 // hi: 0003714 // tr:---
HGNC:9262 E 2q33.1	0006397 // m 0005681 // sp 0003755 // pe---
HGNC:9197 10q25.2	0000398 // nL 0005634 // nL 0003677 // DI RNA_transcription_Reactom
- 10q25.2	--- --- --- ---
HGNC:18871 4q31.21	--- 0005739 // m 0000166 // nL---
HGNC:24796 19p13.2	--- --- --- ---
HGNC:30242 8p22	0018279 // pr 0005783 // er 0004579 // dc---
HGNC:3688 8p11.2-p11.1	0000165 // M 0005576 // ex 0000166 // nL---
HGNC:15580 1q12	--- 0005634 // nL --- ---
HGNC:26070 2p23.2	0008033 // tR --- 0008168 // m ---
HGNC:30437 22q12.1	0018193 // pe 0016020 // m 0004597 // pe---
HGNC:30712 2p13.3	0043065 // pc 0016020 // m --- ---
HGNC:19754 14q32.12	--- 0016020 // m --- ---
HGNC:18649 2q32.3-q33	0006810 // tr: 0005737 // cy 0004871 // siq---
HGNC:17719 1q21.3	0006909 // pl 0005737 // cy 0005095 // G <sup>-</sup> ---
HGNC:13058 1p31	0006397 // m 0005622 // in: 0003700 // tr:---
HGNC:21231 6q27	--- --- --- ---
HGNC:9690 5q35.1	0006259 // DI 0005634 // nL 0003700 // tr: Cell_cycle_KEGG // GenMAP
HGNC:1630 11p15.5	0007155 // ce 0005624 // m 0005515 // pr---
HGNC:794 M 2q35	0006139 // nL --- 0003824 // ca---
HGNC:20323 6q27	0007165 // siq 0005576 // ex 0005509 // ca---
HGNC:3071 10q25	0006470 // pr 0005634 // nL 0004721 // pl---
HGNC:18873 2q24	0006955 // in: 0005622 // in: 0000166 // nL---
HGNC:16398 18q11.1	0006810 // tr: 0005622 // in: 0005543 // pl---
HGNC:20321 13q14.2	0006364 // rR 0005634 // nL --- ---
HGNC:4171 13q21.3	0001709 // ce 0005634 // nL 0003677 // DI---
HGNC:20761 14q24.1	--- --- 0008270 // zir---
HGNC:9176 17p13	0006260 // DI 0005634 // nL 0003677 // DI DNA_replication_Reactome
HGNC:9285 6p21.3	--- 0005625 // so 0004864 // pl---

HGNC:23128 21q22.11	---	---	---	---
HGNC:19897 14q32	---	---	0005515 // pr	---
HGNC:30788 19p13.3	0006355 // re	0005634 // nt	---	---
HGNC:23708 19p12	0006350 // tr:	0005622 // in:	0003676 // nt	---
HGNC:25812 4q12	0006629 // lip:	0005737 // cy	0003865 // 3-	---
HGNC:15891 20q11.22	---	0031410 // cy	---	---
HGNC:20390 15q15	0055114 // ox:	0005739 // m	0016491 // ox	---
HGNC:25788 10q24.32	---	0016020 // m	---	---
HGNC:10725 7q21-q31	0001755 // ne:	0005576 // ex	0004872 // re	---
HGNC:10349 17q23-q25	0006412 // tr:	0005622 // in:	0003723 // Rf	Ribosomal_Proteins // GenM
HGNC:16262 11q13	0045944 // pc:	0005667 // tr:	0003713 // tr:	---
HGNC:22982 Xp11.23	---	0005634 // nt	0005515 // pr	---
HGNC:13908 1p32.3	0006355 // re	0005634 // nt	0003677 // DI	---
HGNC:14562 7q21.1-q22	0006810 // tr:	0000139 // Gc:	0005515 // pr	---
HGNC:8057 13q14	0006396 // Rf:	0005622 // in:	0003677 // DI	---
HGNC:13447 12q13.11	0006810 // tr:	0005624 // m	0005283 // so	---
HGNC:19102 9p12	0006955 // inr:	0005737 // cy	0000166 // nt	---
HGNC:14601 6p24.3	0006631 // fa:	0005739 // m	0000062 // ac	---
HGNC:402 M9q21.13	0006081 // ce:	0005634 // nt	0001758 // re	---
HGNC:28760 5p15.31	0006350 // tr:	0000119 // m	0016455 // Rf	---
HGNC:5177 17q22.1	0032312 // re	---	0008060 // Af	---
HGNC:32235 8q21.2	---	---	---	---
HGNC:7863 15p13.1-cen	0006099 // tri:	0005739 // m	0003824 // ca	---
- 6q12	---	---	---	---
HGNC:24824 19p13.3	0006511 // ut:	0005634 // nt	0005515 // pr	---
HGNC:25443 19q12	---	0016020 // m	---	---
HGNC:7526 16p12.3	0008152 // m	0005739 // m	0003824 // ca	---
HGNC:20704 6p21.1	0001503 // os:	0000790 // nt	0003682 // ch	---
HGNC:21577 6p22.3	0008152 // m	---	0008270 // zir	---
HGNC:10658 2p24.1	---	0005887 // in:	0008022 // pr	---
HGNC:20213 14q24.2	---	0005739 // m	---	---
HGNC:69 MIM4q31	0006401 // Rf:	0005737 // cy	0000166 // nt	---
HGNC:3126 15q34	0006350 // tr:	0005634 // nt	0003677 // DI	---
HGNC:26690 5q23.2	0000226 // m	0005813 // ce	0005515 // pr	---
- 7q33	---	---	---	---
HGNC:4168 13q34	0007165 // sig:	0005576 // ex	0005102 // re	---
HGNC:2259 1Xq25-q26.2	0006810 // tr:	0005576 // ex	0000166 // nt	---
HGNC:17889 Xp11.21	0006281 // DI:	0005622 // in:	0003677 // DI	---
- 3p12.3	---	---	---	---
HGNC:13698 22q13.2-q13.3	0000085 // Gc:	0005737 // cy	---	---
HGNC:16122 20q11.22-q12	0007049 // ce	0005737 // cy	---	---
NA NA	---	---	---	---
HGNC:8774 12q32.1	0007165 // sig:	---	0003824 // ca	G_Protein_Signaling // GenM
HGNC:14310 16q12	0006357 // re	0005634 // nt	0005515 // pr	---
HGNC:2538 19q22.2	0006508 // pr	0005764 // ly:	0004197 // cy	---
HGNC:30888 8q24.13	0032313 // re	0005622 // in:	0005097 // Ra	---
HGNC:25107 19q13.33	---	---	---	---
HGNC:17062 9q22.3-q31	0006350 // tr:	0005634 // nt	---	---



HGNC:1573|17q21-q22 0007264 // sn 0005856 // cy 0005083 // sn ---  
- - - - -  
HGNC:6824|15q21-q22 0001701 // in 0000139 // Gr 0003824 // ca ---  
HGNC:4181|10q24 0006890 // re 0000139 // Gr 0005085 // gu ---  
HGNC:11106|12q13-q14 0006338 // ch 0005634 // nu 0003713 // tr ---  
HGNC:14462|20q11.21-q11 0007283 // sp 0005737 // cy ---  
- 5p14.1 - - - - -  
HGNC:2700|13q13 0006468 // pr 0005887 // in 0000166 // nu ---  
HGNC:4129|4q31.1 0005975 // ca 0000139 // Gr 0004653 // pc ---  
HGNC:30238|1p31.3 0043123 // pc 0016020 // m 0004871 // sig ---  
HGNC:1762|16q22.1 0007155 // ce 0005886 // pl 0005509 // ca ---  
HGNC:8816|16p13.3 - - - - -  
HGNC:7323|17q25 0007049 // ce 0001725 // st 0000166 // nu ---  
HGNC:13672|15q12 0006350 // tr 0005622 // in 0003676 // nu ---  
HGNC:1297|E21q22.11 - - - 0031072 // he ---  
- Xq28 - - - - -  
HGNC:9577|17p15.2-p15.1 0006563 // L - - - 0000287 // m ---  
HGNC:29547|16q11.2 - - - 0005515 // pr ---  
HGNC:6767|4q31 0000165 // M 0005622 // in 0003700 // tr: TGF\_Beta\_Signaling\_Pathwa  
HGNC:11104|3p23-p21 0006333 // ch 0000785 // ch 0003677 // DI ---  
HGNC:23498|12q12 - - - - -  
HGNC:14553|14q11.2 0006629 // li 0005905 // cc 0004872 // re ---  
HGNC:20420|13q14.13 0009966 // re - - - 0004864 // pl ---  
HGNC:16397|3q21 0006810 // tr - - - - -  
HGNC:28224|8q24.11 0006364 // rR 0005634 // nu ---  
HGNC:23711|10q21.3 - - - 0016020 // m ---  
HGNC:16486|7p22.3 0007166 // ce 0005634 // nu 0005096 // G ---  
HGNC:1818|19q13.2 0007165 // sig 0005886 // pl - - -  
HGNC:10768|2q33.1 0000398 // nu 0005634 // nu 0003682 // ch mRNA\_processing\_Reactom  
HGNC:23723|9q34.11 0006928 // ce 0005783 // er 0005515 // pr ---  
HGNC:2703|16p13.3 0006629 // li 0005739 // m 0003824 // ca Mitochondrial\_fatty\_acid\_be  
HGNC:30377|8q24.3 - - - 0005737 // cy 0005515 // pr ---  
HGNC:2542|14q31-q32 0006508 // pr 0005737 // cy 0004197 // cy ---  
HGNC:13603|8q24.3 0006508 // pr - - - 0004842 // ut ---  
HGNC:29383|11q22 - - - 0005634 // nu ---  
- 10q11.21 - - - - -  
HGNC:24276|22q13.31 0070096 // m 0000299 // in - - -  
HGNC:17990|1p22 - - - 0005576 // ex - - -  
HGNC:6588|15q14.1 - - - 0016020 // m - - -  
HGNC:14489|2p11.2 0006412 // tr: 0005739 // m 0003735 // st ---  
HGNC:29899|11p13 0007242 // in - - - - -  
HGNC:1790|19p13 0000079 // re 0005634 // nu 0004861 // cy G1\_to\_S\_cell\_cycle\_Reactor  
HGNC:26465|8q12.3 - - - 0005737 // cy ---  
HGNC:20945|17q21.1 0001525 // ar 0005576 // ex - - -  
HGNC:29344|22q11.21 - - - 0005737 // cy ---  
HGNC:928|M20q13.1-q13.2 0005975 // ca 0005794 // Gr 0008378 // ga ---  
HGNC:17675|6p21.1 0006611 // pr 0005634 // nu 0000049 // tR ---  
HGNC:14569|17q25.1 - - - 0005634 // nu ---

HGNC:26258 1q21.2	---	0005576 // ex---	---
NA NA	---	---	---
HGNC:1237 1q21	0006464 // pr	0005634 // nt	0005515 // pr---
HGNC:32058 1p32.3	0019941 // m---	0005488 // bi---	---
HGNC:24349 10q25.3	---	---	---
HGNC:2977 10p15.1	0006306 // DI	0005634 // nt	0003677 // DI---
- Xp22.33	---	---	---
HGNC:24124 3q26.33	0006338 // ch	0005634 // nt	0003682 // ch---
HGNC:20099 14q23.3	0006350 // tr:---	0008270 // zir---	---
HGNC:11016 9q31-q32	0006810 // tr:0005887 // in:	0005375 // co---	---
HGNC:7797 14q13	0000060 // pr	0005634 // nt	0005515 // pr Apoptosis // GenMAPP /// A
HGNC:29092 2q35	0007010 // cy	0014704 // in:	0008093 // cy---
HGNC:3757 6p21.3	---	0005794 // Gc	0005515 // pr---
HGNC:5383 15q26.1	0005975 // ca	0005739 // m	0000287 // m Krebs-TCA_Cycle // GenMAP
HGNC:21641 7q31.31	---	0005624 // m---	---
HGNC:1474 2p11.2	0006461 // pr	0005634 // nt	0003779 // ac---
HGNC:24538 3p21.1	---	0005737 // cy	0016787 // hy---
HGNC:23493 10pter-q26.12	---	0016020 // m---	---
HGNC:14130 12q14	0007165 // siq	0005622 // in:	0005096 // G1---
HGNC:950 M 3p21.31-p21.2	0006464 // pr	0005622 // in:	0004221 // ut---
HGNC:25386 3p14.3	---	---	0016787 // hy---
HGNC:29877 1q21.3	---	---	0005515 // pr---
HGNC:10540 Xp22.1	0006595 // pc	0005622 // in:	0004145 // di: Nucleotide_Metabolism // G
HGNC:25387 18q21.1	---	0005874 // m	0000166 // nt---
HGNC:29212 20q13.33	0006350 // tr:0005622 // in:	0003677 // DI---	---
HGNC:2749 17q21.31	0006396 // Rf	0005634 // nt	0000166 // nt mRNA_processing_Reactom
HGNC:11801 11q22.3-q23	0001525 // ar	0005783 // er	0005100 // Rf---
HGNC:6402 13q32.2	0000059 // pr	0005634 // nt	0005095 // G1---
HGNC:19762 16q24.2	0006350 // tr:0005622 // in:	0003677 // DI---	---
HGNC:2888 1q42.1	---	0005737 // cy	0005515 // pr---
HGNC:27302 1q42.13	0006546 // gl:	0005737 // cy	0004047 // ar---
HGNC:25875 16p13.3	0008152 // m---	0008080 // N---	---
HGNC:30181 19q13.42	---	---	---
HGNC:9671 3p21-p14	0006470 // pr	0005887 // in:	0004721 // pf---
HGNC:1449 19q13.2-q13.3	0007049 // ce	0000922 // sp	0005509 // ca Calcium_regulation_in_cardi
- 2q13	---	---	---
HGNC:25505 12p13.2	---	0005634 // nt---	---
HGNC:25899 Xp22.12	---	---	---
HGNC:19093 8pter-p23.3	0032012 // re	0005622 // in:	0005085 // gu Proteasome_Degradation //
HGNC:4020 6q16	0005975 // ca	0005794 // Gc	0008417 // fu---
HGNC:19205 4p15.2	0006810 // tr:0005783 // er	0005509 // ca---	---
HGNC:6024 5p13	0000018 // re	0005576 // ex	0003823 // ar---
HGNC:25536 3p21.31	0006412 // tr:0005737 // cy	0000166 // nt---	---
HGNC:11818 11q23.1-q23.2	0006626 // pr	0005739 // m	0005515 // pr---
HGNC:20626 8q12.1-q12.2	0001501 // sk	0000785 // ch	0000166 // nt---
HGNC:13238 20p11.22-p11	0009058 // bi	0009986 // ce	0004064 // ar---
HGNC:17966 12q22	---	---	---
HGNC:30623 16q24	0006810 // tr:0005737 // cy	0003779 // ac---	---

HGNC:5163|N 10q23.1-q23.3 0007040 // ly: 0005624 // m 0005515 // pr ---  
- 16q23.3 --- --- --- ---  
HGNC:2860|N 11q13.2-q13.5 0001568 // bl 0005640 // nL 0005515 // pr Cholesterol\_Biosynthesis // r  
HGNC:3241|N 2p13 0006350 // tr: 0005622 // in: 0003676 // nL ---  
HGNC:1356|N 8p11.2 --- 0005737 // cy --- ---  
HGNC:30766| 1q32.3-q41 --- 0016020 // m --- ---  
- 2q24.2 --- --- --- ---  
HGNC:29683| 8q22.3 0006810 // tr: 0005739 // m 0005215 // tr: ---  
HGNC:31022| 15q25.2 --- --- --- ---  
HGNC:7563|N 11q13 --- --- --- ---  
HGNC:8944|N 18q21.3-q22 0009411 // re 0005737 // cy 0004866 // er ---  
HGNC:26913| 19p13.2 0007049 // ce 0000777 // cc 0005515 // pr ---  
HGNC:1233|E 1q21 --- 0016020 // m 0050699 // W ---  
HGNC:6857|N 6q22.33 0000165 // M --- 0000166 // nL ---  
HGNC:7453|N 13q12 0006470 // pr 0005634 // nL 0004722 // pr ---  
HGNC:5176|N 12q21.2 0006364 // rR 0005634 // nL 0003723 // R ---  
HGNC:9833|N 14q32 0006468 // pr 0005737 // cy 0000166 // nL ---  
- 1q44 --- --- --- ---  
HGNC:17169| Xp22.11 0007252 // l- 0005737 // cy 0004601 // pe ---  
HGNC:20842| 6p21.1 0000122 // nL 0005622 // in: 0003677 // DI ---  
HGNC:16524| 9q32-q34.11 0006810 // tr: 0005622 // in: 0000166 // nL ---  
HGNC:24835| 5q35.2 --- 0005886 // pl --- ---  
HGNC:17468| 4q22 --- 0005624 // m 0003779 // ac ---  
HGNC:11393| 20q13.2-q13.3 0000278 // m 0005634 // nL 0000166 // nL ---  
HGNC:16962| 2p23.3 0006950 // re --- 0005509 // ca ---  
HGNC:23208| 7q22.1 0006350 // tr: 0005634 // nL 0003677 // DI RNA\_transcription\_Reactom  
HGNC:4313|N 9p22 0006544 // gl 0005739 // m 0003824 // ca ---  
HGNC:13211| 3q22.1 0006754 // A 0000139 // G 0000166 // nL ---  
HGNC:10752| 19q13.3 0045454 // ce 0005737 // cy 0008430 // se ---  
HGNC:240|M 16p13.3 0006171 // cA 0005887 // in: 0000287 // m Calcium\_regulation\_in\_cardi  
HGNC:10064| 11p15.5 0007399 // nL 0005622 // in: 0005515 // pr ---  
HGNC:2514|N 3p21 0000122 // nL 0005624 // m 0003677 // DI TGF\_Beta\_Signaling\_Pathwa  
HGNC:9057|N 11q13 0042325 // re 0005737 // cy 0004864 // pl ---  
HGNC:13128| Xq21.1-q21.2 0006350 // tr: 0005622 // in: 0003676 // nL ---  
HGNC:28521| 8q22.2 0007126 // m --- 0008270 // zir ---  
HGNC:25695| 13q34 0006412 // tr: 0005737 // cy 0000166 // nL ---  
HPRD:18067 5q13 0001501 // sk --- 0003824 // ca ---  
HGNC:3481|N 15q23-q25 0006810 // tr: 0005739 // m 0009055 // el ---  
HGNC:26291| 12q21.2 0001895 // re --- 0000166 // nL ---  
HGNC:9092|N 3q23 0009615 // re 0005886 // pl 0005509 // ca ---  
HGNC:28109| 18q21.1 0007049 // ce 0000777 // cc --- ---  
HPRD:08758 17q25.3 0006281 // DI --- 0004518 // nL ---  
HGNC:6118|N 19q13.3-q13.4 0006350 // tr: 0005634 // nL 0003677 // DI Apoptosis // GenMAPP  
HGNC:15533| 5q31.3 0007275 // m 0005737 // cy 0005515 // pr ---  
HGNC:29120| 3p21.31 --- --- 0005515 // pr ---  
HGNC:6391|N 16p11.2 0006281 // DI 0000776 // ki 0000166 // nL ---  
HGNC:16510| 16q24.2 0019941 // m --- --- ---  
HGNC:21508| Xp11.22 --- --- --- ---

HGNC:7562|13p22 0002238 // re 0005737 // cy 0004888 // tr:---  
HGNC:7437|15q25.1 0009396 // fo 0005737 // cy 0000287 // m ---  
HGNC:28304|Xq12 --- 0005634 // nt --- ---  
HGNC:10913|16q22.1 0006810 // tr:0005624 // m 0005215 // tr:---  
HGNC:16168|20q13.13 --- --- --- ---  
HGNC:26076|4q25 --- 0016020 // m --- ---  
HGNC:1725|13p21 0000079 // re 0005622 // in: 0004721 // pf Cell\_cycle\_KEGG // GenMAP  
HPRD:14094 3q29 --- --- --- ---  
HGNC:4227|10p15 0007165 // sig 0005737 // cy 0005093 // R ---  
HGNC:25823|12q24.31 0019538 // pr --- 0005506 // ir:---  
HGNC:11536|8q24.12 0006350 // tr:0005634 // nt 0003702 // R ---  
HGNC:9232|22q12-q13.1 0001666 // re 0005634 // nt 0003700 // tr:---  
HGNC:7626|2q32.3-q33 0006350 // tr:0005634 // nt 0016564 // tr:---  
HGNC:26888|3q29 --- --- --- ---  
HGNC:24175|15q22.2 0007249 // l:0016020 // m 0005096 // G ---  
HGNC:25560|18q12.2 --- --- --- ---  
HGNC:30078|19p13.3 --- 0016020 // m 0004872 // re ---  
HGNC:14894|6q25 0006955 // in: 0005576 // ex 0032393 // M ---  
- 18q12.2-q12.2: --- --- --- ---  
HGNC:17027|6q21-q22 0006810 // tr:0005886 // pl:--- ---  
HGNC:16704|19q13 0006810 // tr:0008021 // sy 0015293 // sy ---  
HGNC:669|M 1p13.1 0007264 // sn 0005622 // in: 0000166 // nt ---  
HGNC:7193|15q11 0006777 // M 0005737 // cy 0030366 // M ---  
HGNC:26943|5q31.2 --- --- 0003677 // DI ---  
HGNC:18808|7p21.1 0007275 // m --- 0005488 // bi ---  
HGNC:1171|11p13 0006350 // tr:0005634 // nt 0004406 // H:---  
HGNC:17575|1p36.33-p36.33 0006350 // tr:0005634 // nt 0000166 // nt ---  
HGNC:22949|1p31.2 0007165 // sig 0005622 // in: 0005096 // G ---  
HGNC:16781|1q25 0005975 // ca 0005737 // cy 0003824 // ca ---  
HGNC:2992|6p21.3 0006952 // de 0005829 // cy 0005515 // pr ---  
HGNC:3155|3q26.1-q26.2 0000902 // ce 0005622 // in: 0004871 // sig ---  
HGNC:11209|7p15.3 0006350 // tr:0005622 // in: 0003676 // nt ---  
HGNC:1811|6p25.1 0006333 // ch 0000785 // ch 0003682 // ch ---  
HGNC:370|M 6q24-q25 0006605 // pr 0005634 // nt 0005515 // pr G\_Protein\_Signaling // Gen  
HGNC:24514|Xq26.3 --- --- --- ---  
HGNC:19957|14q32.31 --- 0005634 // nt --- ---  
HGNC:13422 8q13.1 0006259 // DI 0005634 // nt 0017124 // S ---  
HGNC:321|M 1p21 0005975 // ca 0005829 // cy 0003824 // ca Glycogen\_Metabolism // Ge  
HGNC:934|M 21q22.3 0006464 // pr 0005624 // m 0004190 // as ---  
HGNC:15831|5q14.1 0045449 // re 0005634 // nt 0003677 // DI ---  
HGNC:28073|7p22.3 --- 0005634 // nt 0008270 // zir ---  
HGNC:11928|17p13.1 0001525 // ar 0005576 // ex 0005102 // re ---  
HGNC:25904|13q32.3 --- 0016020 // m 0005488 // bi ---  
HGNC:17304|1q42.13 0006350 // tr:0005634 // nt 0003700 // tr:---  
HGNC:2342|9q34.1 0006091 // ge 0005739 // m 0004092 // ca Fatty\_Acid\_Degradation // G  
HGNC:34404|16p12.3 --- 0005634 // nt --- ---  
HGNC:28790|Xq13.3 --- 0005634 // nt --- ---  
HGNC:3594|17q25 0006631 // fa 0005737 // cy 0000036 // ac Fatty\_Acid\_Synthesis // Gen

HGNC:7746|13q14.13 0006468 // pr 0005634 // nt 0000166 // nt ---  
 HGNC:24828|11q13.3 0007165 // sig 0005886 // pl 0004871 // sig ---  
 HGNC:13094|20q13.13 0007275 // m 0005622 // in 0005515 // pr ---  
 HGNC:10719|1q21-q22 0006810 // tr 0005634 // nt 0008430 // se ---  
 HGNC:17899|3p24.2 0007249 // l 0005737 // cy 0000166 // nt ---  
 HGNC:27990|Xq22.1 --- 0005737 // cy --- ---  
 HGNC:18441|1p13.2 --- 0016020 // m --- ---  
 HGNC:25415|4q22.1 0006470 // pr 0005739 // m 0000287 // m ---  
 HGNC:6646|13q22.2 0016567 // pr 0000151 // uk 0003779 // ac ---  
 HGNC:9279|8q22.1 0006470 // pr 0005739 // m 0000287 // m Krebs-TCA\_Cycle // GenMAP  
 HGNC:9234|17q12-q21.1 0006350 // tr 0000119 // m 0003677 // DI ---  
 HGNC:612|M 3q26.2-qter 0006629 // lip 0005576 // ex 0005215 // tr ---  
 HGNC:28908|10q22.1 0006457 // pr --- 0031072 // he ---  
 HGNC:33794|14q24.1 --- --- --- ---  
 HGNC:19701|Xp22.12 0009966 // re 0005737 // cy 0005515 // pr ---  
 HGNC:21115|6q23.3 --- --- --- ---  
 HGNC:1174|11q13 --- 0016020 // m --- ---  
 HGNC:23571|2q24.3 0007155 // ce 0005576 // ex 0005515 // pr ---  
 HGNC:28842|11q13 0006397 // m 0005634 // nt 0000166 // nt ---  
 HGNC:11345|9p13.3 0001955 // bl 0000300 // pe 0004866 // er ---  
 HGNC:23238|19q13.33 0006629 // lip 0005737 // cy 0003824 // ca ---  
 HGNC:30700|19q12 0006350 // tr 0005622 // in 0003677 // DI ---  
 HGNC:969|M 15q22.3-q23 0000226 // m 0000242 // pe 0003777 // m ---  
 HGNC:28817|17q21.33 --- 0005783 // er 0005515 // pr ---  
 HGNC:28480|3q22.3 --- 0005794 // Gc --- ---  
 HGNC:30775|7q11.23 0006350 // tr 0005622 // in 0003677 // DI ---  
 HGNC:30825|19q13.31 0007049 // ce 0016020 // m 0005515 // pr ---  
 HGNC:13954|6p21.33 0006334 // nt 0000786 // nt 0003677 // DI ---  
 HGNC:48|M 11q12-q13 0006810 // tr 0005739 // m 0000166 // nt ---  
 HGNC:24670|3q26.31 --- 0005783 // er --- ---  
 HGNC:29093|1q32.1 --- --- 0003676 // nt ---  
 HGNC:15894|20p13 0015937 // cc 0005737 // cy 0000166 // nt ---  
 HGNC:43|M 6p21.3 0006810 // tr 0005624 // m 0000166 // nt ---  
 HGNC:1137|E 6p22.1 --- 0016020 // m --- ---  
 HGNC:1063|19q13.1-q13.2 0008152 // m 0005737 // cy 0003824 // ca ---  
 HGNC:28857|19p12 0006350 // tr 0005622 // in 0003676 // nt ---  
 HGNC:10436|17q23.1 0006468 // pr 0005737 // cy 0000166 // nt G13\_Signaling\_Pathway // G  
 HGNC:20250|14q11.2 0007049 // ce 0005634 // nt 0005515 // pr ---  
 HGNC:7029|7q31 0000187 // ac 0005624 // m 0000166 // nt ---  
 HGNC:25230|1p36.13 --- --- 0003677 // DI ---  
 HGNC:3557|1p33-p32 0006656 // pl 0005737 // cy 0005215 // tr ---  
 HGNC:3355|4q25 0001525 // ar 0005737 // cy 0004177 // ar ---  
 HGNC:17148|12q13.11-q13.2 0006281 // DI 0005634 // nt 0003677 // DI ---  
 HGNC:17035|13q13.1 0006364 // rR 0000178 // ex 0000175 // 3' ---  
 HGNC:3671|13q34 0007165 // sig 0005634 // nt 0008083 // gr ---  
 HGNC:12823|Xq25 0006508 // pr 0005886 // pl 0004177 // ar ---  
 HGNC:26432|19q13.43 0001501 // sk 0005622 // in 0003676 // nt ---  
 HGNC:12013|19p13.1 0006928 // ce 0005737 // cy 0003779 // ac Striated\_muscle\_contractor

-	Xp11.1	---	---	---	---
HGNC:18220	6p11.2	0005975 // ca	---	0004553 // hy	---
HGNC:7758	6p21.3	0008152 // m	0005764 // ly	0004308 // ex	---
HGNC:25020	16q23.1	---	---	---	---
HGNC:14222	1q31-q32	0006355 // re	0005634 // nl	0003677 // DI	---
HGNC:11714	11p15.2	0006350 // tr	0005634 // nl	0003677 // DI	---
HGNC:11751	3q23	0006350 // tr	0005634 // nl	0003677 // DI	G1_to_S_cell_cycle_Reactor
HGNC:8646	10q22	0006729 // te	0005634 // nl	0003713 // tr	---
HGNC:12607	1p31.3	0006281 // DI	0005634 // nl	0004197 // cy	---
HGNC:16123	20q11.2-q12	---	0005576 // ex	---	---
HGNC:18640	1p36-p35	0006629 // li	0005737 // cy	0001784 // pl	---
HGNC:16102	20q13.2	---	0016020 // m	---	---
HGNC:31727	-	---	0016020 // m	---	---
HGNC:30450	8q24.3	0006979 // re	0005737 // cy	0004516 // ni	---
HGNC:13534	1q21.3	0006754 // A	0016020 // m	0000166 // nl	---
HGNC:30917	19p13.1	---	0005622 // in	0008270 // zir	---
HGNC:30454	22q13.2	---	0005634 // nl	0003676 // nl	---
HGNC:17075	6q25.1-q25.3	0043123 // pc	0005622 // in	0005515 // pr	Circadian_Exercise // GenM
HGNC:16770	15q21.1	0007275 // m	0005737 // cy	0004872 // re	---
HGNC:27046	11p13	---	0016020 // m	0004872 // re	---
HGNC:11766	19q13.2 19q1	0001501 // sk	0005576 // ex	0005114 // ty	Cell_cycle_KEGG // GenMAP
HGNC:17800	2q36.1	0006412 // tr	0005625 // so	0000166 // nl	---
HGNC:13164	3q21	0006350 // tr	0005634 // nl	0003676 // nl	---
HGNC:804	M 1q24	0001666 // re	0005886 // pl	0005391 // so	Calcium_regulation_in_cardi
HGNC:3095	12p13.32	0006468 // pr	0005737 // cy	0000166 // nl	---
HGNC:25078	7q22	0007507 // h	0016020 // m	0005198 // st	---
HGNC:11161	1q32	---	---	---	---
HGNC:29983	3q26.3-q27	0006810 // tr	0005622 // in	0003676 // nl	---
HGNC:21592	22q13.32	---	0005576 // ex	---	---
HGNC:28880	Xq21.1	---	---	---	---
HGNC:23271	5q12.3	0007186 // G-	0005634 // nl	0005515 // pr	---
HGNC:15829	4q25	0006633 // fa	0005739 // m	0016747 // tr	---
HGNC:17064	5q15	0006350 // tr	0005634 // nl	0003702 // R	---
HGNC:1845	22q11.1	---	---	---	---
HGNC:1960	15q14	0000187 // ac	0005624 // m	0001540 // be	---
HGNC:22205	7p14.3-p14.2	---	0016020 // m	---	---
HGNC:23158	1p36.11	0006350 // tr	0005634 // nl	0004872 // re	---
HGNC:24197	3q27.1	---	0005634 // nl	0004860 // pr	---
-	12q13.13	---	---	---	---
HGNC:6220	1p13	0006810 // tr	0008076 // vc	0005216 // io	---
HGNC:7835	20pter-q11.2	0006355 // re	0005634 // nl	0003677 // DI	---
HGNC:16516	4p14	0006350 // tr	0005622 // in	0003676 // nl	---
HGNC:6490	1q32	0007155 // ce	0005576 // ex	0005198 // st	---
HGNC:28332	3p21.31	---	---	---	---
HGNC:2210	2q14-q32	0030199 // cc	0005576 // ex	0005201 // ex	---
HGNC:25367	19q13.32	---	0005886 // pl	---	---
HPRD:17385	18q22.3	---	---	---	---
HGNC:17650	4q32.3-q33	---	0005737 // cy	0005515 // pr	G13_Signaling_Pathway // G

HGNC:23064|10q25.1 0008152 // m 0005737 // cy 0004364 // gl---  
 HGNC:28247|Xq22.2 0006350 // tr: 0005634 // nL ---  
 HGNC:17364|7q21.3 0000082 // G: 0005622 // in: 0003676 // nL Cell\_cycle\_KEGG // GenMAP  
 HGNC:20794|Xq13.1 0007049 // ce 0000775 // ch 0000166 // nL ---  
 HGNC:7952|17q25.1-q25.2 0006810 // tr: 0031410 // cy 0005509 // ca---  
 HGNC:27482|12q12 --- 0016020 // m 0016740 // tr:---  
 HGNC:16988|11q22 0006397 // m 0005634 // nL 0000166 // nL ---  
 - 3q13.12 --- --- --- ---  
 HGNC:1006|16p11 0006915 // a: --- --- ---  
 HGNC:13389|14q21-q22 0007155 // ce 0005576 // ex 0005509 // ca---  
 HGNC:1569|3p22-p21.3 0001764 // nL 0005576 // ex 0005179 // hc---  
 HGNC:16438|20p12 0006810 // tr: 0005886 // pl: 0005215 // tr:---  
 HGNC:26136|18q12.1 --- --- --- ---  
 - 1q23.3-q24.1 --- --- --- ---  
 NA NA --- 0016459 // m 0003774 // m ---  
 HGNC:19194|1q25.3-q31.1 0007596 // bl 0005576 // ex 0004888 // tr:---  
 HGNC:20461|1q24 0006183 // G<sup>-</sup> --- 0000166 // nL Calcium\_regulation\_in\_cardi  
 HGNC:4600|7q31.3-q32.1 0007165 // si: 0005886 // pl: 0001642 // gr GPCRDB\_Class\_C\_Metabotr  
 HGNC:2902|Xq13.1 0008285 // nL 0005634 // nL 0004385 // gu---  
 HGNC:22198|7q22.1 --- --- --- ---  
 HGNC:23994|8p23.1 0006364 // rR 0005622 // in: 0000287 // m ---  
 HGNC:13202|3p14.3-p14.2 0006508 // pr 0005576 // ex 0004222 // m ---  
 HGNC:18726|4p12 0006355 // re 0005634 // nL 0003700 // tr:---  
 HGNC:3395|7q22 0006468 // pr 0005887 // in: 0000166 // nL ---  
 HGNC:9236|3p25 0000122 // nL 0005634 // nL 0003677 // DI Nuclear\_Receptors // GenM.  
 HGNC:3238|5q31.1 0000122 // nL 0005622 // in: 0003676 // nL Ovarian\_Infertility\_Genes //  
 HGNC:26204|1q42.2 --- --- 0005488 // bi ---  
 HGNC:26024|12q13.11 --- --- --- ---  
 HGNC:13097|10q11.2 0006350 // tr: 0005622 // in: 0003676 // nL ---  
 HGNC:21586|2q13 0000226 // m --- 0000287 // m ---  
 HGNC:16997|1q21 --- 0005576 // ex --- ---  
 HGNC:3057|18q12 0006941 // st 0005737 // cy 0005509 // ca---  
 HGNC:10830|19p13.3 0006897 // er 0005737 // cy 0005515 // pr ---  
 HGNC:16880|Xp11.23 0006350 // tr: 0005622 // in: 0003676 // nL ---  
 HGNC:17382|12q14.2 0007165 // si: 0005622 // in: 0005096 // G<sup>-</sup> ---  
 HGNC:19950|17q11.2 --- 0005634 // nL 0000166 // nL ---  
 HGNC:28722|12q24.31 0006744 // ut 0005739 // m 0008168 // m ---  
 HGNC:9965|1p36.2-p36.1 0006338 // ch 0000118 // hi: 0003677 // DI ---  
 HGNC:28577|12q23.1 0006547 // hi 0005737 // cy 0005506 // irc---  
 HGNC:24493|3p25.3 --- --- 0003723 // R<sup>+</sup> ---  
 HGNC:1863|16q13-q22.1 0008152 // m 0005783 // er 0004091 // ca Irinotecan\_pathway\_Pharm  
 HGNC:659|M 14q21.3 0001889 // liv 0001726 // ru 0000166 // nL ---  
 HGNC:13221|2p16.1 0006350 // tr: 0005622 // in: 0003676 // nL ---  
 HGNC:17660|10q25.1 0006281 // DI 0005634 // nL --- ---  
 HGNC:26512|1q41 --- 0016020 // m --- ---  
 HGNC:12029|14q11 --- --- --- ---  
 HGNC:18296|3p13 0006397 // m 0005813 // ce 0005515 // pr ---  
 HGNC:12694|3p22 0006936 // m 0005886 // pl: 0004871 // si: GPCRDB\_Class\_B\_Secretin-li

HGNC:21225|7q22.3-q31.1 0007162 // ne 0005622 // in 0004842 // ut ---  
HGNC:16119|20q11.21 0006457 // pr 0005737 // cy 0051082 // ur ---  
HGNC:9323|19q33.3 0000082 // G: 0005737 // cy 0004721 // pf ---  
HGNC:11329|3q28 0007166 // ce 0005576 // ex 0005179 // hc ---  
HGNC:17443|7p14-p13 0000080 // G: 0005739 // m 0004672 // pr ---  
HGNC:9004|15q31 0001501 // sk 0005634 // nl 0003677 // DI ---  
HGNC:18253|3q27.1 --- 0005634 // nl 0008233 // pe ---  
HGNC:24502|19q13.12 --- --- --- ---  
HGNC:23038|6q13 0006810 // tr: 0005764 // ly: 0031419 // co ---  
HGNC:19027|9q34.11 --- 0016020 // m 0005515 // pr ---  
HGNC:28403|4q23 --- --- 0008168 // m ---  
HGNC:25973|1q22 0006355 // re 0005634 // nl 0003677 // DI ---  
HGNC:24251|1pter-q31.3 0006810 // tr: 0005783 // er --- ---  
HGNC:24637|2q32.1 0006457 // pr 0005576 // ex 0031072 // he ---  
HGNC:30247|3p21.31 --- 0005576 // ex --- ---  
HGNC:11802|2p13 0006915 // a: --- 0000166 // nl ---  
HGNC:35428|Xq28 0008283 // ce 0005739 // m --- ---  
HGNC:32207|6q16.3-q21 0006355 // re 0005634 // nl 0003676 // nl ---  
HGNC:30595|2p16.3 --- --- --- ---  
HGNC:21301|6p21.33 --- 0005901 // ca --- ---  
HGNC:7036|15q25 0006910 // pf 0005615 // ex 0001786 // pf ---  
HGNC:14331|Xq27.1 --- 0005634 // nl --- ---  
HGNC:26914|1p36.33 0001522 // ps --- 0009982 // ps ---  
HGNC:18243|13q14 0006350 // tr: 0005634 // nl 0005515 // pr ---  
HGNC:29282|4p11 --- --- --- ---  
HGNC:21916|7p14.3 --- --- --- ---  
HGNC:17929|4q33 0009058 // bi 0005739 // m 0003824 // ca ---  
HGNC:5118|17q21.3 0006350 // tr: 0005634 // nl 0003677 // DI ---  
HGNC:1930|20pter-p12 --- 0005576 // ex 0005179 // hc ---  
HGNC:16094|20q13.33 0006350 // tr: 0005622 // in 0003676 // nl ---  
HGNC:4545|15q35 0006468 // pr 0016020 // m 0000166 // nl Calcium\_regulation\_in\_cardi  
- 8q22.3 --- --- --- ---  
HGNC:10790|12q24.33 0006350 // tr: 0005634 // nl 0003723 // R mRNA\_processing\_Reactom  
HGNC:656|M 17q12-q21 0007264 // sn 0005622 // in 0000166 // nl ---  
HGNC:10817|10q21 0006629 // li: 0005783 // er 0003824 // ca ---  
HGNC:21526|4p12 0005975 // ca 0005634 // nl 0004342 // gli ---  
HGNC:21097|6p24.3-p23 --- 0005739 // m --- ---  
HGNC:29861|Xq23 0001503 // os 0005576 // ex --- ---  
HGNC:24866|1p36.32 --- --- 0005488 // bi ---  
HGNC:280|M 20p13 0001986 // ne 0005886 // pl 0004871 // si: Calcium\_regulation\_in\_cardi  
HGNC:24042|3q23-q24 0000122 // ne 0005634 // nl 0003713 // tr: ---  
HGNC:29353|Xq23 --- 0005634 // nl 0005488 // bi ---  
HGNC:29168|16q12.2 --- 0005737 // cy --- ---  
HGNC:5127|12q13.3 0006350 // tr: 0005634 // nl 0003677 // DI ---  
HGNC:1069|120p12 0001501 // sk 0005576 // ex 0005102 // re ---  
HGNC:2718|11p12-p11 0000209 // pr 0005634 // nl 0003677 // DI ---  
HGNC:13299|11p14-p13 0007165 // si: 0005886 // pl 0004871 // si: ---  
HGNC:16648|Xq13.1 0019941 // m 0005634 // nl 0005515 // pr ---



HGNC:18345 6q14	---	---	---	---
HGNC:9669 10q26	0006468 // pr	0005737 // cy	0004721 // pt	---
HGNC:9277 17q23.2	0000086 // Gc	0005634 // nt	0000287 // m	---
HGNC:20956 6q24.2	---	---	0003779 // ac	---
HGNC:26151 12q13.11	---	---	0005488 // bi	---
HGNC:30764 3p21.31	0006917 // in	0005737 // cy	0005057 // re	---
HGNC:18304 16q24.1	0050832 // de	0005622 // in	0003779 // ac	---
HGNC:10872 2p11.2	0001574 // ga	0000139 // Gc	0004513 // ne	---
HGNC:18001 19q13	0006810 // tr	0000299 // in	0008308 // vc	---
HGNC:924 M 9p13	0002064 // eç	0000138 // Gc	0003831 // be	---
HGNC:8786 4p16.3	0007165 // siç	0016020 // m	0003824 // ca	---
HGNC:9024 12p11	0007155 // ce	0005634 // nt	0005488 // bi	---
- 7p14.3	---	---	---	---
HGNC:10289 17p13.3	0000718 // nt	0000793 // cc	0003676 // nt	DNA_replication_Reactome
HGNC:26466 4q32.3	---	---	---	---
- -	---	---	---	---
MIM:611568 8q23.2	---	0000139 // Gc	---	---
HGNC:12506 16p13.3	0006357 // re	0005634 // nt	0003700 // tr	---
HGNC:9944 11q23	0007605 // se	0001726 // ru	0003779 // ac	---
HGNC:28062 19q13.41	0006350 // tr	0005622 // in	0003676 // nt	---
HGNC:2987 10q26.13-q26	0006909 // pt	0005737 // cy	0005085 // gu	Integrin-mediated_cell_adhe
HGNC:17643 6q21	0006810 // tr	0000139 // Gc	0005515 // pr	---
HGNC:30793 2q11.2	0006412 // tr	0005737 // cy	0000166 // nt	Translation_Factors // GenM
HGNC:28203 12p13.33	---	---	---	---
HGNC:1919 12p13	0006333 // ch	0000785 // ch	0000166 // nt	---
HGNC:1132 21q21.1-q21.2	0008285 // ne	0005737 // cy	---	---
HGNC:6306 E 22q13.1	0006621 // pr	0005783 // er	0004872 // re	---
HGNC:17181 -	0007242 // in	0005737 // cy	---	---
HGNC:29201 3q21.3	0006397 // m	0005634 // nt	---	---
HGNC:28997 15q21.1	---	---	---	---
HGNC:9956 19q13.32	0006350 // tr	0005634 // nt	0003677 // DI	---
HGNC:27329 8p21.3	---	---	0003676 // nt	---
HGNC:17857 15q21.1	0006915 // aç	0005634 // nt	0005515 // pr	---
HGNC:10832 15q24	0006897 // er	0005737 // cy	0005515 // pr	---
HGNC:27475 12q23.1	0007050 // ce	---	---	---
HGNC:23818 21q22.3	0006364 // rR	0005634 // nt	0005515 // pr	---
HGNC:1944 7p15.3	0007165 // siç	0005622 // in	0005070 // St	---
HGNC:13427 3p24-p23	---	0005737 // cy	0000166 // nt	---
HGNC:921 M 11q25	0005975 // ca	0000139 // Gc	0008499 // UI	---
HGNC:1770 16q24	0006468 // pr	---	0000166 // nt	---
HGNC:5112 17q21.2	0002009 // m	0005634 // nt	0003677 // DI	---
HGNC:14881 2q22.3	0001755 // ne	0005622 // in	0003676 // nt	TGF_Beta_Signaling_Pathwa
HGNC:2155 19p13.2-p13.1	0006940 // re	---	0003779 // ac	Smooth_muscle_contractior
HGNC:7411 11q12-q13.1	0000122 // ne	0000118 // hi	0003677 // DI	---
HGNC:13032 18q12	0006350 // tr	0005622 // in	0003676 // nt	---
HGNC:20861 2q32.3	0006810 // tr	0016020 // m	0008270 // zir	---
HGNC:24973 1p36.12	0006334 // nt	0000786 // nt	0003677 // DI	---
HGNC:1228 11q12-q13.1	0001869 // ne	0005576 // ex	0001848 // cc	---

HGNC:21096|6pter-p22.1 0008152 // m 0005576 // ex 0003824 // ca---  
 HGNC:26032|16q12.2 0006663 // pl 0005783 // er 0005509 // ca---  
 HGNC:799|M 1p21 0002026 // re 0005624 // m 0000166 // nL---  
 HGNC:5995|X 3q28 0006461 // pr 0005576 // ex 0004871 // siξ---  
 HGNC:21900|7q22.1 --- --- --- ---  
 HGNC:16955|22q12.2 0007050 // ce 0005737 // cy--- ---  
 HGNC:3046|X 21q22.2 0006506 // Gl 0016020 // m 0016740 // tr:---  
 HGNC:14050|15q25 0006412 // tr: 0005622 // in: 0003735 // st:---  
 HGNC:25639|5p13.3 --- --- --- ---  
 HGNC:29149|16q22.2 --- 0005634 // nL 0003824 // ca---  
 HGNC:23440|10q11.21 0006350 // tr: 0005622 // in: 0003676 // nL---  
 HGNC:10759|3q25.1 0001501 // sk 0005783 // er --- ---  
 HGNC:681|M 19q13.13 0007266 // Rf 0005622 // in: 0005085 // gu G13\_Signaling\_Pathway // G  
 HGNC:19087|10q26.3 0006350 // tr: 0005634 // nL 0003677 // DI---  
 HGNC:25547|5p15.33 --- 0005813 // ce 0005515 // pr---  
 HGNC:1364|E 9q31.3 --- --- --- ---  
 HGNC:12593|1q22-q23 0000430 // re 0005634 // nL 0003677 // DI---  
 HGNC:33790|12q24.11 --- --- --- ---  
 HGNC:9592|X 9q34.2-q34.3 0001516 // pr 0005576 // ex 0004667 // pr Eicosanoid\_Synthesis // Gen  
 HGNC:10530|13q12.11 0006350 // tr: 0000118 // hi: 0003714 // tr:---  
 HGNC:179|M 14q24.3 0006796 // pl --- 0003998 // ac---  
 HGNC:18738|10q21.2 0007264 // sn 0005622 // in: 0000166 // nL---  
 HGNC:4298|X 3p21.33 0005975 // ca 0005737 // cy 0003824 // ca---  
 HGNC:10521|2q37.1 0007165 // siξ--- 0002046 // oξ---  
 HGNC:25239|5q15 0008152 // m 0005576 // ex 0003824 // ca---  
 HGNC:30933|Xq22 --- 0005634 // nL --- ---  
 HGNC:26896|5q15 0007155 // ce 0005793 // EF 0042802 // id:---  
 HGNC:13749|Xq28 --- 0005576 // ex--- ---  
 HGNC:9125 7q11.23 0006298 // m --- 0005515 // pr---  
 - 7p21.3 --- --- --- ---  
 HGNC:25496|19q13.2 --- --- --- ---  
 HGNC:7063|X 4q28.3 0006691 // le 0005624 // m 0004364 // gl:---  
 HGNC:9787|X 5q31 0006810 // tr: 0005654 // nL 0000166 // nL---  
 HGNC:21589|12q14.1 --- 0005737 // cy--- ---  
 HGNC:18537|13q31.1 0043123 // pC 0000139 // Gc 0004871 // siξ---  
 HGNC:17736|2p21 0006184 // G- 0005622 // in: 0000166 // nL---  
 HGNC:3489|X 21q22.3|21q2 0001501 // sk 0005634 // nL 0003677 // DI Smooth\_muscle\_contractor  
 HGNC:24612|17p13.2 --- --- --- ---  
 HGNC:28557|3p21.31 --- --- --- ---  
 HGNC:16940|11q13.5 0006071 // gl 0005624 // m 0003846 // 2- ---  
 HGNC:13417|Xp22.33; Yp11 0006470 // pr 0000159 // pr 0004722 // pr Glycogen\_Metabolism // Ge  
 HGNC:29083|4q32.3 --- 0005886 // pl --- ---  
 HGNC:12033|14q32.32 0006915 // aξ 0005737 // cy 0004871 // siξ Apoptosis // GenMAPP /// A  
 HGNC:1539|X 16q22.1 0001503 // os 0005634 // nL 0003700 // tr:---  
 HGNC:744|M 8p11.2 0006350 // tr: 0005634 // nL 0003677 // DI---  
 HGNC:17788|19q13.3 0006810 // tr: 0005886 // pl 0005515 // pr---  
 HGNC:3823|X 3p14.1 0006350 // tr: 0005622 // in: 0003677 // DI---  
 HGNC:1307|X 22q12 0008104 // pr 0005634 // nL 0005515 // pr---

HGNC:3386 1p36	0006468 // pr 0005887 // in 0000166 // nu ---
- 16p12.2	--- --- --- ---
HGNC:25276 12q12	0001522 // ps --- 0003723 // R ---
HGNC:11973 2q35-q36	0007044 // ce 0005737 // cy 0003779 // ac Integrin-mediated_cell_adhe
HGNC:15830 8q22.2	0008284 // pc 0005622 // in 0003676 // nu ---
HGNC:7586 4p16.3	0006937 // re 0005859 // m 0003774 // m ---
HGNC:1728 17q12-q23.2	0007091 // m 0005634 // nu 0005488 // bi ---
HGNC:21528 12q24.31	0006915 // a 0005739 // m 0005515 // pr ---
HGNC:28578 10q26.13	0006412 // tr --- 0000166 // nu ---
Ensembl:ENSC8q24.3	0007165 // si 0005622 // in 0005515 // pr ---
HGNC:10384 19q13.3	0006412 // tr 0005622 // in 0003723 // R mRNA_processing_binding_l
HGNC:26558 11q24.2	--- 0005737 // cy --- ---
- 13q13.3	--- --- --- ---
HGNC:4244 8p21.3	0007169 // tr 0005886 // pl 0004872 // re ---
HGNC:30542 16p13.13-p13	0007154 // ce --- 0005515 // pr ---
HGNC:3338 11q13	0006898 // re 0001726 // ru 0005515 // pr ---
HGNC:17402 Xq28	--- --- 0005515 // pr ---
HGNC:14235 11q22	0009059 // m 0005737 // cy 0000287 // m ---
NA NA	--- --- --- ---
HGNC:1490 7q31.2-q31.3	0001764 // ne 0005624 // m 0003779 // ac ---
HGNC:35422 5q35.1	0019941 // m --- 0005515 // pr ---
HGNC:17007 17q12	0006470 // pr --- 0004721 // pl Hypertrophy_model // Gen
HGNC:7681 10q22	0009987 // ce 0000139 // G 0003824 // ca ---
HGNC:8805 8p22-p21.3	--- 0005576 // ex 0004872 // re ---
HGNC:28401 4q32.1	--- --- 0000166 // nu ---
HGNC:34427 3q11.2	0042254 // rit 0005634 // nu --- ---
HGNC:27273 Xq24	0006350 // tr --- 0003676 // nu ---
HGNC:15795 20p13	--- 0005840 // rit --- ---
HGNC:8003 E 6p21.33	--- 0005634 // nu --- ---
HGNC:10771 1q12-q21	0000398 // nu 0005634 // nu 0000166 // nu mRNA_processing_Reactom
HGNC:11097 Xq25	0006338 // ch 0005634 // nu 0000166 // nu ---
- 22q13.31	--- --- --- ---
- 19q13.43	--- --- --- ---
HGNC:7886 14q	0006396 // R 0005634 // nu 0003723 // R ---
HGNC:28261 4q24	0006468 // pr 0005622 // in 0004672 // pr ---
HGNC:18601 22q11.21	0007409 // ax 0005783 // er 0004872 // re ---
HGNC:14311 12q23.3	0006468 // pr --- 0000166 // nu ---
HGNC:6188 20p12.1-p11.2	0001525 // ar 0005576 // ex 0005112 // N ---
HGNC:25340 13q14.11	--- --- 0005515 // pr ---
HGNC:27564 17q25.3	--- --- --- ---
HGNC:6772 15q21-q22	0006350 // tr 0005622 // in 0003700 // tr TGF_Beta_Signaling_Pathwa
HGNC:25652 3q29	0006810 // tr 0005622 // in 0000166 // nu ---
HGNC:20989 3q23	0009058 // bi 0005634 // nu 0000309 // ni ---
HGNC:31448 10p12.31	--- --- --- ---
HGNC:28795 1p34.2	--- --- --- ---
HGNC:30325 2p23.3	0005975 // ca --- 0004747 // rit ---
HGNC:14526 11q14.3-q21	0006508 // pr 0016020 // m 0003824 // ca ---
HGNC:14201 8q21	0007517 // m 0005783 // er 0008307 // st ---

HGNC:24725 11q12.1	---	---	0003824 // ca---
HGNC:9127 7q11-q22	0006298 // m---		0005524 // A1---
HGNC:17729 2q12.2	0008152 // m	0005794 // Gc	0003824 // ca---
HGNC:25965 15q23	---	0005737 // cy	0005515 // pr---
HGNC:18639 17p11.2	0006897 // er	0005737 // cy	0008289 // lip---
HGNC:25087 4p14	---	0005737 // cy	---
HGNC:2553 12q36.2	0000082 // Gc	0005634 // nt	0005515 // pr---
HGNC:5013 12q12 22q13	0001525 // ar	0005615 // ex	0004392 // he---
HGNC:24858 2q36.3	---	0005739 // m	---
HGNC:26725 8p22	0008152 // m	---	0008168 // m---
HGNC:9581 E18q12	---	0005737 // cy	---
HGNC:12312 6q14.1	---	0000785 // ch	0003677 // DI---
HGNC:2197 17q21.33	0001501 // sk	0005576 // ex	0005201 // ex
HGNC:37078 16q12.2	---	---	---
HGNC:6174 13q14.3	0006915 // aq	0000139 // Gc	0005515 // pr---
HGNC:11846 3q26.2	0006613 // cc	0005783 // er	0004872 // re---
HGNC:11117 5q13	0000245 // sp	0005634 // nt	0003676 // nt---
HGNC:25035 1q32.2	0006519 // ce	0005622 // in	0008233 // pe---
HGNC:7650 1p36.13	0007049 // ce	0005576 // ex	---
HGNC:30529 9q34.3	---	---	---
HGNC:25881 4q23	0006457 // pr	0016020 // m	0031072 // he---
HGNC:5407 10q25-q26	---	0005737 // cy	0005488 // bi---
HGNC:2810 7p15	0007605 // se	---	---
HGNC:24182 17q21	0007626 // lo	0005576 // ex	---
HGNC:25259 2q33.1	---	---	---
HGNC:18599 10q26.3	0000226 // m	0000922 // sp	---
HGNC:18219 11q13	---	0005578 // pr	0005488 // bi---
HGNC:12733 1p36.11-p34.3	0007186 // Gc	0005622 // in	0003779 // ac---
HGNC:1766 18q22-q23	0007155 // ce	0005886 // pl	0005509 // ca---
HGNC:10468 19q13.32	0007165 // siq	0005783 // er	0004871 // siq---
HGNC:15684 3q28	0006486 // pr	0000139 // Gc	0008378 // ga---
HGNC:11937 19p13	0006917 // in	0000299 // in	0005102 // re---
HGNC:11828 9q13-q21	---	0005634 // nt	0004385 // gu---
HGNC:10834 9q34	---	0005737 // cy	0005515 // pr---
HGNC:29827 18p11.31	---	0016459 // m	0003774 // m---
HGNC:3242 11q13	0006897 // er	0005768 // er	0000166 // nt---
HGNC:30747 15q21.2	0006366 // tr	0005634 // nt	0003714 // tr---
HGNC:28254 9q34.3	---	---	---
HGNC:34032 19q13.12	0006350 // tr	0005622 // in	0003676 // nt---
HGNC:15851 20q11.22	0009306 // pr	0000137 // Gc	0005509 // ca---
HGNC:3494 3q28	0006355 // re	0005634 // nt	0003677 // DI---
HGNC:26746 5q31.1	---	---	---
HGNC:24092 Xp11.21	0006915 // aq	---	---
HGNC:24277 8q21.12	---	---	---
HGNC:18955 14q24.2	---	0005739 // m	0005515 // pr---
HGNC:29270 7q36.1	---	0005794 // Gc	0016740 // tr---
HGNC:10449 6p25	---	---	---
HGNC:24085 3q22.1	---	0005783 // er	0000166 // nt---

HGNC:685|M Xq26.3 0006915 // ar 0005622 // in 0005085 // gu ---  
HGNC:3575|N 11q12-q13.1 0006629 // liç 0005624 // m 0004768 // st ---  
HGNC:18263| 12q21.1 0006810 // tr 0000139 // Gç 0000166 // nç ---  
HGNC:25608| 17p13.3 0006810 // tr 0005768 // er 0005515 // pr ---  
HGNC:30130| 4q21.21 --- 0000139 // Gç 0004872 // re ---  
HGNC:23378| 9p24.1 --- --- --- ---  
HGNC:23397| 9q32 0006457 // pr 0005737 // cy --- ---  
HGNC:195|M 2p25 0006629 // liç --- 0016787 // hy ---  
HGNC:26527| 8p11.1 0030203 // gl 0005764 // ly 0008415 // ac ---  
HGNC:26582| 2q35 --- 0016020 // m --- ---  
HGNC:21705| 7p15-p14 0001836 // re 0005829 // cy 0003839 // ga ---  
HGNC:3416|N 19p13.3-p13.2 0007165 // siç 0005576 // ex 0004872 // re ---  
HPRD:15404 5q13 --- --- --- ---  
HGNC:7699|N 3q13.33 0006120 // m 0005739 // m 0008137 // N Electron\_Transport\_Chain //  
HGNC:542|M 2p13 0006916 // ar 0005737 // cy 0004859 // pl Prostaglandin\_synthesis\_reg  
HGNC:23081| 2q36.3 --- 0016020 // m 0008233 // pe ---  
Ensembl:ENSC 19q13.31 --- 0005576 // ex 0004859 // pl ---  
HGNC:16273| Xp22.2 --- 0005634 // nç --- ---  
HGNC:26595| 18q11.2 --- 0016020 // m --- ---  
- 3q25.31 --- --- --- ---  
HGNC:16783| 1q25 0006350 // tr 0005634 // nç 0005515 // pr ---  
HGNC:11425| Xp22.32 0006629 // liç 0005624 // m 0003824 // ca ---  
HGNC:33719| 1p36.22 --- 0016020 // m --- ---  
HGNC:13233| 15q22.3-q23 0006350 // tr 0005634 // nç 0005515 // pr ---  
HGNC:12801| 22q12.1|22q1 0006350 // tr 0005634 // nç 0003677 // DI ---  
HGNC:11634| 18q21.1 0000122 // nç 0005634 // nç 0003677 // DI ---  
HGNC:11972| 16q12.1 --- 0005634 // nç 0003677 // DI ---  
HGNC:30386| 15q24.2 0006810 // tr 0000139 // Gç 0005515 // pr ---  
- 8q12.3 --- --- --- ---  
HGNC:396|M 3p21.1 0006783 // hç 0005739 // m 0003824 // ca Heme\_Biosynthesis // GenM  
HGNC:24458| 12q13.12 --- 0005634 // nç --- ---  
HGNC:26145| 2p24.1 --- --- --- ---  
HGNC:20152| 14q11.2 0006350 // tr 0005622 // in 0003676 // nç ---  
HGNC:9171|N 7q32-q33 --- 0005887 // in --- ---  
HGNC:13024| 19q13.31 0006350 // tr 0005622 // in 0003676 // nç ---  
HGNC:29656| 8q24.3 --- 0005576 // ex --- ---  
HGNC:19846| 14q23.1 --- 0016020 // m --- ---  
HGNC:16672| 12q22 0006508 // pr 0005737 // cy 0004177 // ar ---  
HGNC:945|M 6q12 0007165 // siç 0005886 // pl 0004871 // siç ---  
HGNC:14120| 16p13.3 0006508 // pr 0005576 // ex 0003824 // ca ---  
HGNC:32594| 20q13.13 0006801 // su 0005622 // in 0005085 // gu ---  
HGNC:28070| 1p36.11 --- --- --- ---  
HGNC:2237|N 7q32 0006810 // tr 0000139 // Gç 0005198 // st ---  
HGNC:33877| 13q33.3 --- 0016020 // m --- ---  
HGNC:9605|N 1q25.2-q25.3 0001516 // pr 0005634 // nç 0004601 // pe Eicosanoid\_Synthesis // Gen  
HGNC:8149|F 8q24.3 --- --- 0003824 // ca ---  
HGNC:28696| 19q13.12 0006350 // tr 0005622 // in 0003676 // nç ---  
HGNC:13611| 19p13.2 0006511 // uk 0000151 // uk --- ---

HGNC:3579 15q23-q25	0006527 // ar 0005829 // cy 0000287 // m ---
- 11q24.2	--- --- --- ---
HGNC:17712 14q32.33	0006915 // ar 0005634 // nt 0001618 // vi ---
HGNC:23362 16q24.1	--- --- --- ---
HGNC:24271 10q24.2	0006825 // cc 0005634 // nt 0005507 // co ---
HGNC:10983 7q21.3	0006754 // A1 0005739 // m 0005215 // tr ---
HGNC:26887 4p15.32	0007275 // m 0016020 // m 0004872 // re ---
HGNC:26658 5q13.3	--- --- 0005515 // pr ---
HGNC:8049 9p13	0006139 // nt --- 0004081 // bi ---
HGNC:3377 1p33-p32	0008015 // bl 0005634 // nt 0003779 // ac ---
HGNC:6356 4p14	--- 0005737 // cy 0003779 // ac ---
HGNC:30173 17q11.2	0007283 // sp 0005737 // cy --- ---
HGNC:2747 11q23.3	--- 0005737 // cy 0000166 // nt ---
HGNC:15629 2p15	0006486 // pr 0000139 // Gc 0008378 // ga ---
HGNC:26265 1p36.31	--- 0005634 // nt --- ---
HGNC:26001 1p36.13	--- 0016020 // m --- ---
HGNC:9472 14q32.1	0006508 // pr 0005737 // cy 0004197 // cy ---
HGNC:4604 4q21	0006935 // ch 0005576 // ex 0005125 // cy ---
HGNC:5026 8q21.11	0006350 // tr: 0005634 // nt 0003677 // DI ---
HGNC:7449 Xq28	0016311 // de 0005886 // pl 0004725 // pr ---
HGNC:27413 Xp22.12	--- 0005739 // m --- ---
HGNC:20766 12q12-q14.3	0007017 // m 0005874 // m 0000166 // nt ---
HGNC:13705 Xq28	--- 0016020 // m --- ---
HGNC:24453 8q24.12	0006260 // DI 0005634 // nt 0003677 // DI ---
HGNC:19177 3p22.3	0006935 // ch 0005615 // ex 0005125 // cy ---
HGNC:10118 1p36.1	--- --- --- ---
HGNC:26200 10q24.33	--- --- 0003676 // nt ---
HGNC:17014 22q13.1	0007266 // Rf 0005737 // cy 0005515 // pr ---
HGNC:4061 11q23.3	0005977 // gl 0005783 // er 0005215 // tr ---
HGNC:21915 7p14.2	0006464 // pr 0016020 // m --- ---
HGNC:5238 9q33-q34.1	0006916 // ar 0005634 // nt 0000166 // nt ---
HGNC:7157 22q11.2 22q1	0006508 // pr 0005576 // ex 0004222 // m Matrix_Metalloproteinases /
HGNC:8751 1q31-q32	0006468 // pr --- 0000166 // nt ---
HGNC:978 M 10q26.1	0000079 // re 0005634 // nt 0005515 // pr ---
HGNC:8873 1q31	0006000 // fr 0005829 // cy 0000166 // nt ---
HGNC:16001 7p14.1	0008152 // m --- 0003824 // ca ---
HGNC:25450 4q35.1	--- --- --- ---
HGNC:4432 10q24.1-q25.1	0006107 // ox 0005737 // cy 0003824 // ca Glycolysis_and_Gluconeoger
HGNC:15999 1p36.13	--- 0005576 // ex 0005515 // pr ---
HGNC:13584 6q25.2	0000089 // m 0005634 // nt 0005515 // pr ---
HGNC:16874 15q26.1	0006810 // tr: 0001669 // ac 0005215 // tr ---
HGNC:24765 7q11.23	--- 0005634 // nt --- ---
HGNC:8687 5q31	0007155 // ce 0005886 // pl 0005509 // ca ---
HGNC:10526 14q11.1-q12	0006350 // tr: 0005622 // in: 0003677 // DI ---
HGNC:28429 5q31.2	0006457 // pr 0016020 // m 0031072 // he ---
HGNC:28477 5q32	0030328 // pr 0005576 // ex 0016491 // ox ---
HGNC:1059 17q11.2	0006508 // pr 0005625 // so 0004177 // ar ---
HGNC:6210 11p11.2	--- 0005886 // pl 0005515 // pr ---

HGNC:13153 9q34	0006350 // tr:0005622 // in:0003676 // nu---
HGNC:13343 22q13.31	--- 0005634 // nu---
HGNC:17296 8q23.1	0001822 // ki:0005634 // nu:0004748 // rit---
HGNC:30925 17p13.1	--- --- 0008270 // zir---
HGNC:13339 Xq13.1	0006996 // or:0005634 // nu:0000166 // nu---
- 6p21.32	--- --- ---
HGNC:29364 2q24.2	--- 0005886 // pl:0005488 // bi---
HGNC:8066 19q13.33	0006810 // tr:0005634 // nu:0001716 // L---
HGNC:1463 10q22	0006468 // pr:0005730 // nu:0004871 // sig---
HGNC:23522 10p13	--- 0016020 // m---
HGNC:7627 12q13.3-q14.1	0006350 // tr:0005634 // nu:0003714 // tr---
HGNC:1106 2p23.2	0005975 // ca--- 0004747 // rit---
HGNC:2990 2p13	0007165 // sig--- 0005158 // in---
HGNC:1621 17q12	0006457 // pr:0005737 // cy:0000166 // nu---
HGNC:3413 6q24	0005975 // ca:0005634 // nu:0003824 // ca---
HGNC:4385 3p21	0000186 // ac:0005624 // m:0000166 // nu:Calcium_regulation_in_cardi
HGNC:6009 22q13 22q13	0006461 // pr:0005886 // pl:0004872 // re:Inflammatory_Response_Pai
HGNC:20441 1q21	--- --- 0005509 // ca---
HGNC:9652 1p13.3-p13.1	0006470 // pr:0005737 // cy:0004721 // pl---
HGNC:28915 1q32.3	0006350 // tr:0005634 // nu:0003677 // DI---
HGNC:961 M 7q11.23	0006333 // ch:0000793 // cc:0003700 // tr---
HGNC:29013 16p13.13	--- --- ---
HGNC:13604 5p15.1	0006511 // ut:0000151 // ut:0004842 // ut---
HGNC:9634 6q12	0006470 // pr:0005634 // nu:0004721 // pl---
HGNC:25156 16p11.2	0006350 // tr:0005634 // nu---
HGNC:1914 13q14.3	--- --- 0005087 // R---
HGNC:26434 3q25.31	--- 0016020 // m:0003676 // nu---
HGNC:12930 11q23.1	0001501 // sk:0005622 // in:0003676 // nu---
HGNC:30509 16p13.3	0007186 // G-0005576 // ex:0005515 // pr---
HGNC:19134 13q32.1	--- 0016020 // m:0008146 // su---
HGNC:9087 Xp11.23	0006811 // io:0005624 // m:0005515 // pr---
HGNC:20360 14q21.1	--- 0005634 // nu:0005515 // pr---
HGNC:16824 12q24.31	0007165 // sig:0005886 // pl:0001614 // pl:GPCRDB_Class_A_Rhodopsir
HGNC:26184 11q12.2	--- 0005622 // in:0000166 // nu---
HGNC:27291 19p13.2	--- 0016020 // m---
- 19p13.2	--- --- ---
HGNC:6036 17q25	0006350 // tr:0005634 // nu:0000287 // m---
HGNC:4057 Xq28	0001816 // cy:0005737 // cy:0003824 // ca:Penrose_Phosphate_Pathwa
HGNC:13169 19p12	0006350 // tr:0005622 // in:0003676 // nu---
HGNC:20349 14q23.1	--- 0005730 // nu---
HGNC:25588 17p11.2	0006810 // tr:0005886 // pl:0015238 // dr---
HGNC:290 M 22q11 22q12	0006468 // pr:0005634 // nu:0000166 // nu---
HGNC:30959 16p13-p12	--- 0005622 // in:0003676 // nu---
HGNC:26387 13q22.3	--- --- ---
HGNC:7782 2q31	0006350 // tr:0005634 // nu:0003677 // DI---
HGNC:6192 9p24	0006468 // pr:0005634 // nu:0000166 // nu---
HGNC:9906 22q13.1	0006397 // m:0005634 // nu:0000166 // nu---
HGNC:17619 16p13.11	0007049 // ce:0000776 // ki:0005515 // pr---

HGNC:26169 17p13.1	---	0016020 // m	---
HGNC:561 M 19q13.33	0006810 // tr:	0005794 // Gc	0005488 // bi
HGNC:21143 6q21	0006350 // tr:	0005622 // in:	0003676 // nL
HGNC:15508 12q24.33	0001522 // ps	0005634 // nL	0004730 // ps
HGNC:2527 X 8p22	0006508 // pr	0005576 // ex	0004197 // cy
HGNC:15465 14q23.3	0006777 // M	0005622 // in:	0000166 // nL
HGNC:17937 10q26.13	0006931 // su	0016020 // m	0005515 // pr
HGNC:15930 20q13.33	0006350 // tr:	0005622 // in:	0003677 // DI
HGNC:13026 17p13-p12	0006350 // tr:	0005622 // in:	0003676 // nL
HGNC:14432 -	---	0016020 // m	---
HGNC:960 M 14q12-q13	0006350 // tr:	0000228 // nL	0005515 // pr
HGNC:7675 X 15q11.2-q12	0001764 // nL	0005634 // nL	0003677 // DI
HGNC:29269 2q35	0019941 // m	0000139 // Gc	0008270 // zir
HGNC:26784 12q24.31	0006415 // tr:	---	0003747 // tr:
HGNC:25778 16q24.1	0009396 // fo	---	0000166 // nL
HGNC:21098 6q23.1-q24.1	---	---	---
HGNC:17103 7q32.1	0006810 // tr:	0005634 // nL	0004872 // re
HGNC:11443 17p12	0006810 // tr:	0005634 // nL	---
HGNC:84 MI 17q21	0006633 // fa	0005737 // cy	0000166 // nL Fatty_Acid_Synthesis // Gen
HGNC:25617 Xq22.1-q24	---	---	0000166 // nL
HGNC:8992 Xq13	0006457 // pr	0005759 // m	0003755 // pe
HGNC:15451 9q21.33	---	0005794 // Gc	---
HGNC:9411 X 19p13.2	0007243 // pr	0005622 // in:	0005509 // ca
HGNC:3585 X 3p26	0006281 // DI	0005634 // nL	0005515 // pr
HGNC:11620 1p36.1	0006350 // tr:	0005634 // nL	0003677 // DI
HGNC:24456 2q36.3	0001764 // nL	0005769 // eL	0004872 // re
HGNC:9771 X 18p11.3	0007264 // sn	0005886 // pl	0000166 // nL
HGNC:24605 18q11.2	0006350 // tr:	0005622 // in:	0003676 // nL
HGNC:21616 7p12.3	0007242 // in:	0005634 // nL	0005515 // pr
HGNC:29473 19q13.42	0006350 // tr:	0005622 // in:	0003677 // DI
HGNC:30048 Xp22.2	0006366 // tr:	0005634 // nL	0003712 // tr:
HGNC:19965 14q22.1	0045454 // ce	0005576 // ex	---
HGNC:15687 7p21-p15	0006461 // pr	0005737 // cy	0005070 // St
HGNC:5215 X 1q23	0006694 // st	0005789 // er	0003824 // ca Steroid_Biosynthesis // GenI
HGNC:7590 X 3q21	0006468 // pr	---	0000166 // nL
HGNC:29885 15q22.2	---	0005634 // nL	0004872 // re
HGNC:29647 1p12-p11.2	0044419 // in:	0005634 // nL	0000166 // nL
HGNC:23168 14q21.2	0006259 // DI	0005634 // nL	0000166 // nL
HGNC:3642 X 17q24-q25	0006091 // gL	0005739 // m	0004324 // fe
HGNC:25406 12q24.31	0006350 // tr:	0005622 // in:	0003676 // nL
HGNC:10648 4q24	0001937 // nL	0005615 // ex	0000049 // tR
HGNC:28826 3p21.2-p21.1	---	0005634 // nL	---
HGNC:16188 20p13	---	0005737 // cy	0005515 // pr
HGNC:24663 1q24	0032313 // re	0005622 // in:	0005096 // G
HGNC:13652 5q13	0006350 // tr:	0005634 // nL	0003677 // DI
HGNC:19699 5q12.1-q13.2	0000278 // m	---	0000166 // nL
HGNC:17975 5q31	---	0016020 // m	0004872 // re
HGNC:947 M 17q25	0007165 // siL	0005737 // cy	0005515 // pr



HGNC:3465|13q14.1-q14.2 --- 0005737 // cy 0004091 // ca ---  
HGNC:19667|14q32.31 --- 0005634 // nt --- ---  
HGNC:17292|19p13.1 0006810 // tr: 0005813 // ce 0004871 // sig ---  
HGNC:26579|17q21.33 --- 0016020 // m --- ---  
HGNC:7833|3p23-p21 0006457 // pr 0016020 // m 0003755 // pe ---  
HGNC:20263|13q14 0016568 // ch 0005634 // nt 0003677 // DI ---  
HGNC:19968|4q22.1|4q21- 0006334 // nt 0005634 // nt 0005515 // pr ---  
HGNC:7506|2q31.1 0006810 // tr: 0005739 // m --- ---  
- 2q35 --- --- --- ---  
HGNC:29680|7q21.12 0006810 // tr: 0005739 // m 0005488 // bi ---  
HGNC:19400|10q11 --- --- --- ---  
HGNC:26052|1p36.33 --- 0005634 // nt 0016787 // hy ---  
HGNC:10405|8q12 0006412 // tr: 0005622 // in: 0003723 // Rf mRNA\_processing\_binding\_I  
HGNC:31853|15q15.3 0009117 // nt --- 0016787 // hy ---  
HGNC:6693|2q21.2 0006897 // er 0005624 // m 0004872 // re ---  
HGNC:11742|6p24 0006350 // tr: 0005634 // nt 0003677 // DI ---  
HGNC:11022|Xp11.23-p11.2 0006012 // ga 0000139 // Gc 0005338 // nt ---  
HGNC:13011|14q11 0006350 // tr: 0005622 // in: 0003676 // nt ---  
HGNC:14914|8q21.2 0006730 // or --- 0004089 // ca ---  
- 17p13.3 --- --- --- ---  
HGNC:13540|20q13.2 0006754 // A1 0016020 // m 0000166 // nt ---  
HGNC:6908|8q22 --- 0005576 // ex 0005509 // ca ---  
HGNC:25024|3p14.2 --- --- --- ---  
HGNC:18607|18q12.2 0006810 // tr: 0005783 // er 0008270 // zir ---  
HGNC:30260|17q21.32 0008615 // py --- 0004733 // py ---  
HGNC:9632|19q13.33 0006350 // tr: 0005634 // nt --- ---  
HGNC:23780|19p13.11 0006350 // tr: 0005622 // in: 0003676 // nt ---  
HGNC:16918|6q14-q15 0006396 // Rf 0005634 // nt 0000166 // nt ---  
HGNC:26759|16q12.1 --- 0016020 // m --- ---  
HGNC:3539|5q13 0007165 // sig 0005886 // pl: 0004435 // pf GPCRDB\_Class\_A\_Rhodopsir  
HGNC:3060|12q24.13 0006366 // tr: 0005634 // nt 0003713 // tr: ---  
HGNC:11191|2p25 0006350 // tr: 0005634 // nt 0003677 // DI ---  
HGNC:18254|2q37.3 0006350 // tr: 0005634 // nt 0003677 // DI ---  
HGNC:25416|17q21.31 0006350 // tr: 0000124 // Sf 0003713 // tr: ---  
HPRD:13402 9p11.2 0007165 // sig 0005576 // ex 0008083 // gr ---  
HGNC:14582|3q26.3-q27 0008283 // ce 0005764 // ly: --- ---  
HGNC:4544|10q24-qter 0006468 // pr 0005625 // so 0000166 // nt Calcium\_regulation\_in\_cardi  
HGNC:11396|2q32.3 0006468 // pr 0005634 // nt 0000166 // nt ---  
HGNC:11866|9q31 0007275 // m 0005886 // pl: --- ---  
HGNC:11575|7p15 0006915 // af 0005622 // in: 0005515 // pr ---  
HGNC:6631|18q21.3-q22 0006457 // pr 0000139 // Gc 0005515 // pr ---  
MIM:605104|16p13.3 0006397 // m 0005634 // nt 0000166 // nt ---  
HGNC:8574|17p13.3 0000132 // es 0000235 // as 0005515 // pr Wnt\_signaling // GenMAPP  
HGNC:28984|8q24.13 --- --- --- ---  
HGNC:14592|10p15 0001558 // re 0005622 // in: 0005085 // gu ---  
HGNC:871|En- 0001525 // ar 0005739 // m 0004857 // er Electron\_Transport\_Chain //  
HGNC:5186|21q22.3 0006479 // pr 0005634 // nt 0004871 // sig ---  
HGNC:33463|5p12 --- --- 0004872 // re ---

HGNC:1058 15q26.1	0000079 // re 0000781 // ch 0000166 // nu ---
HGNC:23098 12p11.23	--- 0005737 // cy ---
HGNC:29276 4q35.1	--- --- ---
HGNC:6376 12p13	0006968 // ce 0016020 // m 0004872 // re ---
HGNC:23479 2q36.2	--- --- 0005085 // gu ---
HGNC:566 M 5q14.1	0006622 // pr 0005794 // Gc 0005488 // bi ---
HGNC:2501 1p31.1	0006520 // ar 0005737 // cy 0003824 // ca ---
HGNC:32036 19q13.11	--- 0005739 // m 0000287 // m ---
HGNC:5439 6q23.3	0007165 // sig 0005783 // er 0004872 // re ---
HGNC:24546 2p14	--- --- 0005515 // pr ---
HGNC:30263 16q22.1	0006470 // pr 0005739 // m 0000287 // m Krebs-TCA_Cycle // GenMAP
HGNC:25582 16q21	0006810 // tr: 0016020 // m 0031402 // so ---
HGNC:27453 11p15.5	--- 0016020 // m ---
HGNC:17855 15q23	0006024 // gl 0000139 // Gc 0016853 // is ---
HGNC:13005 16p13.3	0006350 // tr: 0005622 // in: 0003676 // nu ---
HGNC:17366 7q31.3	0006554 // ly: 0005739 // m 0003824 // ca ---
HGNC:7727 15q	0006464 // pr 0000151 // uk 0004842 // uk Proteasome_Degradation //
HGNC:10766 19p13.3 19p1	0000389 // nu 0005622 // in: 0003676 // nu mRNA_processing_Reactom
HGNC:30059 15q14	0008152 // m 0005783 // er 0003841 // 1- ---
HGNC:28454 8q24.13	0006810 // tr: 0005783 // er 0004872 // re ---
HGNC:26062 1p36.33	--- 0016020 // m ---
HGNC:17958 19p13.12	--- 0005576 // ex ---
HGNC:18308 Xq28	0045329 // ca 0005739 // m 0005506 // irc ---
HGNC:16966 10p14	0000122 // ne 0005634 // nu 0003677 // DI ---
HGNC:24143 1p35-p34	--- 0016020 // m ---
HGNC:6827 15q11-q13	0005975 // ca --- 0004559 // al ---
HGNC:13239 21q22.11	--- 0016020 // m 0005529 // su ---
HGNC:13053 12q24.33	0006350 // tr: 0005622 // in: 0003676 // nu ---
HGNC:29435 5q34	--- 0005737 // cy 0005515 // pr ---
HGNC:30911 3p21.2	0019941 // m 0005737 // cy 0005488 // bi ---
HGNC:26056 2p13.3	--- --- ---
-	---
HGNC:27797 7p13	---
HGNC:24748 1p13.2	---
HGNC:16719 19q13.3	--- 0005622 // in: 0000166 // nu ---
HGNC:9644 12q24	0006470 // pr 0005737 // cy 0004721 // pl ---
HGNC:438 M 1p36.12	0001501 // sk 0005737 // cy 0000287 // m ---
HGNC:4021 18q21.3	0008152 // m 0005615 // ex 0003824 // ca ---
HGNC:25396 13q13.3	0002009 // m 0005604 // be 0005509 // ca ---
HGNC:27940 2p25.1	--- --- ---
HGNC:17009 22q13.1	0007605 // se 0005634 // nu 0003779 // ac ---
HGNC:20758 15q15.1	--- --- 0005515 // pr ---
HGNC:8569 15q26.3	0006508 // pr 0005576 // ex 0004175 // er ---
HGNC:12470 3p24.3-p13	0000278 // m 0005634 // nu 0000166 // nu ---
HGNC:24999 3q22.3	--- --- 0005488 // bi ---
HGNC:29253 4p15.32	0007601 // vi: 0005737 // cy ---
HGNC:5386 Xq28	0005975 // ca 0005634 // nu 0000166 // nu Krebs-TCA_Cycle // GenMAP
HGNC:24340 9q21.33	0048659 // sn 0005737 // cy 0005515 // pr ---

HGNC:12759 1p36.3	---	0005737 // cy	0005515 // pr	---
HGNC:16691 15q15	0000226 // m	0000922 // sp	0005200 // st	---
HGNC:30531 11q23.1	---	---	---	---
HGNC:6393 1p34.1	0007018 // m	0000775 // ch	0000166 // nl	---
HGNC:6973 12q14.3-q15	0000122 // ne	0005622 // in	0002039 // p	Apoptosis // GenMAPP /// A
HGNC:30013 19p13.12	0001519 // pe	0005576 // ex	0005515 // pr	---
HGNC:8602 9q33.2	0006508 // pr	0005576 // ex	0008233 // pe	---
HGNC:17038 3q21.3	0006629 // li	---	0003824 // ca	---
HGNC:9258 1p32	0006397 // m	0005634 // nl	0000166 // nl	---
HGNC:3321 Xp11.2	0006350 // tr	0005634 // nl	0003677 // DI	MAPK_Cascade // GenMAPP
HGNC:18157 22q13.1	0000185 // ac	0005829 // cy	0003824 // ca	---
HGNC:37240 17p11.2	---	---	0005515 // pr	---
HGNC:348 M7p15	0006350 // tr	0005634 // nl	0003677 // DI	---
-19q13.41	0008033 // tR	---	0005524 // A1	---
HGNC:20580 11p15.2	0055114 // o	0005783 // er	0004497 // m	---
HGNC:2300 13q14.11	0006508 // pr	0005576 // ex	0004180 // ca	---
HGNC:21579 6p22.3	0008654 // pl	0016020 // m	0008415 // ac	---
HGNC:6919 3q21-q22	0006281 // DI	0000785 // ch	0003677 // DI	---
HGNC:16463 2q23.3	0006397 // m	0005634 // nl	0005515 // pr	mRNA_processing_Reactom
HGNC:30563 1p32.2	0006412 // tr	0005737 // cy	0000166 // nl	---
HGNC:28051 1q24	---	---	---	---
HGNC:18806 1p36.31-p36.2	0006350 // tr	0005634 // nl	---	---
HGNC:6117 4q34.1-q35.1	0000122 // ne	0005634 // nl	0003677 // DI	Apoptosis // GenMAPP
HGNC:11107 17q23-q24	0006350 // tr	0005634 // nl	0003713 // tr	---
HGNC:16950 2p13.1	0006916 // ar	0005634 // nl	0004221 // uk	---
HGNC:24284 2p25.3	---	---	0005488 // bi	---
HGNC:10070 3q22-q24	0006916 // ar	0005634 // nl	0005507 // co	---
HGNC:25095 19p13.12	0019941 // m	---	---	---
HGNC:25890 11q23.3	---	0005576 // ex	---	---
HGNC:27442 11q13.1	0006810 // tr	0005739 // m	0005215 // tr	---
HGNC:25018 11q13.1	---	0016020 // m	---	---
HGNC:2001 15q13-q15	0001658 // ur	0005576 // ex	0005125 // cy	---
HGNC:4704 2q14-q21	0006487 // pr	0005886 // pl	0005515 // pr	---
HGNC:956 M11q25	0000122 // ne	0005634 // nl	0003677 // DI	---
HGNC:24001 10q24.2	---	---	---	---
HGNC:1065 1q24	0001558 // re	0005634 // nl	0003677 // DI	---
HGNC:28909 Xp11.23	---	0005634 // nl	---	---
HGNC:21145 19q13.33	---	0005783 // er	0005509 // ca	---
HGNC:4373 14q22.2	0006468 // pr	0005622 // in	0003779 // ac	---
HGNC:3342 2q13-q21	0001501 // sk	0005634 // nl	0003677 // DI	---
HGNC:390 M1p36.13	0006081 // ce	0005737 // cy	0004033 // al	---
HGNC:18758 4q27	0001947 // he	0005737 // cy	0005515 // pr	---
HGNC:1857 1q32-q41	0016202 // re	0045120 // pr	---	---
HGNC:24176 5q35.3	---	0016020 // m	---	---
HGNC:13582 11p13	0006508 // pr	0000151 // uk	0004842 // uk	---
HGNC:27312 17q21.33	---	---	---	---
HGNC:30598 3p22.1	0006468 // pr	0005634 // nl	0000166 // nl	---
HGNC:6545 17q25.1	---	---	---	---

HGNC:7064|N 1q23 0006629 // liç 0005624 // m 0004364 // gl---  
HGNC:5461|N Xq13.1-q13.3 0007165 // siç 0005737 // cy 0005515 // pr---  
HGNC:6839|N 2q34-q35 0001578 // m 0005737 // cy 0005198 // st: MAPK\_Cascade // GenMAPP  
HGNC:2772|N 1p36.3-p36.2 0006309 // DI 0005622 // in: 0004537 // ca Apoptosis // GenMAPP /// A  
HGNC:12674| 8p11.2 0001662 // bç 0005739 // m 0000166 // nç---  
HGNC:18420| 3p21.31 0006350 // tr: 0005634 // nç 0003677 // DI---  
HGNC:12730| 1p13.3-p13.1 0001570 // va 0005737 // cy 0000166 // nç---  
- 20q11.23 --- --- --- ---  
HGNC:14339| 19q13.33 --- 0005737 // cy 0005545 // pç---  
HGNC:25393| 19q13.43 0006350 // tr: 0005622 // in: 0003676 // nç---  
- 16p12.1 --- --- --- ---  
HGNC:28897| 1p34.3-p33 0045103 // in: 0005737 // cy 0005198 // st:---  
HGNC:5115|N 17q21-q22 0000122 // nç 0005634 // nç 0003677 // DI---  
HGNC:8752|N 17q21-q24 0006810 // tr: 0005737 // cy 0008289 // liç---  
HGNC:20418| 13q12.3 0007049 // ce 0005634 // nç 0003677 // DI---  
HGNC:27158| 22q11.21 --- --- --- ---  
HGNC:2672|N 5p15.2 0006915 // aç--- --- ---  
HGNC:1856|N 4q24-q25 0000089 // m 0000775 // ch 0000166 // nç---  
HGNC:18355| 13q32 0006725 // ce 0005739 // m 0000287 // m---  
HGNC:52|MIN 6p21.1 0006810 // tr: 0005886 // pl: 0000166 // nç---  
HGNC:4878|N 15q23-q24 0001501 // sk 0005764 // ly: 0003824 // ca---  
HGNC:23721| 7q34 0009615 // re 0005634 // nç 0003676 // nç---  
HGNC:11992| 17p12-p11.2 0006259 // DI 0005634 // nç 0003676 // nç---  
HGNC:28420| 19p13.11 --- --- 0005515 // pr---  
HGNC:6293|N 19q13.2 0006810 // tr: 0008076 // vc 0005216 // io ---  
HGNC:11875| 12q22 0045449 // re 0000785 // ch 0003677 // DI---  
HGNC:17360| 3p14 --- 0016020 // m 0005515 // pr---  
HGNC:2754|E 16p13.3 0008152 // m 0005777 // pç 0003824 // ca---  
HGNC:1291|N 21q22.2 0006810 // tr: 0000139 // Gç--- ---  
HGNC:8062|N 6p22.3 0015031 // pr 0005622 // in: 0003677 // DI---  
HGNC:537|M 15q21-q22 0001501 // sk 0005576 // ex 0004859 // pç Prostaglandin\_synthesis\_reg  
HGNC:119|M 17q24-q25|17 0006091 // gç 0005737 // cy 0003995 // ac---  
HGNC:26775| 4q32.3 --- 0016020 // m --- ---  
HGNC:12872| 3q24 0007275 // m 0005622 // in: 0003676 // nç---  
HGNC:20584| 7q33 0006810 // tr: 0000139 // Gç 0005338 // nç---  
HGNC:2500|N 6q23.1 0001502 // ca 0005576 // ex 0005178 // in:---  
HGNC:9635|N 1p35 0006470 // pr 0005737 // cy 0004721 // pç---  
HGNC:29147| 17q21.32-q21 0006350 // tr: 0005622 // in: 0003676 // nç---  
HGNC:17677| 17p13.2 0006810 // tr: 0005737 // cy 0005096 // Gç---  
HGNC:24438| 17q21.2 --- 0005634 // nç --- ---  
HGNC:13727| 6p23 0006461 // pr 0005634 // nç 0005515 // pr---  
HGNC:5409|N 10q23-q25 --- 0043231 // in: 0005488 // bi ---  
HGNC:2077|N 15q23 0001573 // gç 0005783 // er 0042803 // pr---  
HGNC:15746| - 0006626 // pr 0005737 // cy 0004872 // re---  
HGNC:10563| 5q13.3-q14.1 0006810 // tr: 0005802 // tr: 0005515 // pr---  
HGNC:18331| 16p13.3 0045449 // re 0000775 // ch 0003676 // nç---  
HGNC:29413| 6p21.3 --- 0005737 // cy 0003779 // ac---  
- 5p15.33 --- --- 0009055 // el---

HGNC:5471 12q33-q34	0001558 // re 0005576 // ex 0005520 // in:Smooth_muscle_contractor
HGNC:2960 19p13.2	0006259 // DI 0005764 // ly: 0003677 // DI---
HGNC:18717 15q26.1	0009611 // re 0005634 // nl 0004091 // ca---
HGNC:10020 8q21	0006468 // pr 0005622 // in: 0000166 // nl---
HGNC:24224 17q12	0006468 // pr 0005634 // nl 0000166 // nl---
HGNC:26823 8q22.2	--- --- --- ---
HGNC:5456 17q22-q31	0007275 // m 0005634 // nl 0005488 // bi Hypertrophy_model // Gen1
HGNC:13718 11q13	0006355 // re 0005634 // nl 0003677 // DI Wnt_signaling // GenMAPP
HGNC:2379 13p22.3	--- 0005576 // ex---
HGNC:6774 13q12-q14	0006350 // tr: 0005622 // in: 0003700 // tr: TGF_Beta_Signaling_Pathwa
HGNC:23804 4q12	0007264 // sn 0005622 // in: 0000166 // nl---
HGNC:186 M 20q12-q13.11	0001666 // re 0005737 // cy 0004000 // ac---
HGNC:29636 15q21.3	0007126 // m 0005634 // nl---
HGNC:29034 16q23.2	0006974 // re 0005622 // in: 0008270 // zir---
HGNC:18016 1q42.13	0006406 // m 0000777 // cc 0005487 // nl---
HGNC:30729 2q24.3	0006350 // tr: 0005634 // nl 0003677 // DI---
HGNC:18514 13q13.3	--- --- --- ---
HGNC:1052 12q14	0006897 // er 0005634 // nl 0005515 // pr---
HGNC:32554 17p11.2	--- --- --- ---
HGNC:4617 13q13.3	0000320 // re 0005634 // nl 0000166 // nl Cell_cycle_KEGG // GenMAP
HGNC:23303 10q23.1	--- 0016020 // m---
HGNC:17930 8p11	--- 0005634 // nl 0003677 // DI---
HGNC:19311 14q12-q13	0006350 // tr: 0005634 // nl 0003677 // DI---
HGNC:28404 1q31.3	--- --- --- ---
HGNC:1116 19p13.3	0007166 // ce 0000139 // Gc 0005515 // pr Matrix_Metalloproteinases /
HGNC:29608 8q22.1	0000122 // ne 0005634 // nl 0005515 // pr---
HGNC:20715 Xp11.4	0007026 // ne 0005634 // nl 0005515 // pr---
HGNC:30293 3p21.3	--- 0016020 // m---
HGNC:21637 2q33	0000122 // ne 0000118 // hi: 0003677 // DI---
NA NA	--- 0005737 // cy 0004792 // th---
HGNC:21013 10p12.31	--- 0016020 // m---
HGNC:4390 19q21	0001501 // sk 0005737 // cy 0000166 // nl Calcium_regulation_in_cardi
HGNC:4174 18q11.1-q11.2	0001701 // in 0005634 // nl 0003677 // DI---
HGNC:1008 11q21	0016055 // W 0005634 // nl 0005515 // pr---
HGNC:19998 19p13.2	0000059 // pr 0005634 // nl 0005488 // bi---
HGNC:14360 16q12.2	0006355 // re 0005634 // nl 0003677 // DI---
HGNC:11821 17q25	0008285 // ne 0005576 // ex 0004857 // er Matrix_Metalloproteinases /
- 8q13.3	--- --- --- ---
HGNC:7045 14q21	0006487 // pr 0000139 // Gc 0008455 // al ---
HGNC:33238 1p22.2	0009058 // bi --- 0000166 // nl---
HGNC:22316 7p14.3	0019941 // m 0005764 // ly: 0005515 // pr---
HGNC:9439 13q32.1	0006986 // re 0005737 // cy 0004860 // pr---
HGNC:25491 10p13	--- 0005737 // cy 0005488 // bi---
HGNC:14074 1q43	0007132 // m 0015629 // ac 0003779 // ac---
HGNC:20731 3q26.33	0007165 // sig --- 0004871 // sig Calcium_regulation_in_cardi
HGNC:25595 1p31.3	--- --- --- ---
HGNC:29387 2q14	--- --- --- ---
HGNC:9413 18q11	0000723 // te 0005634 // nl 0003677 // DI Cell_cycle_KEGG // GenMAP

Ensembl:ENSC19p13.2	---	0016020 // m	0003824 // ca	---
HGNC:17843 8q11	0000387 // sp	0005634 // nL	0004872 // re	---
HGNC:23112 11q14.3	0007155 // ce	0016020 // m	0005509 // ca	---
HGNC:6263 X17q23.1-q24.2	0006810 // tr	0005887 // in	0005216 // io	---
HGNC:6324 X10pter-q22.1	0007018 // m	0005737 // cy	0000166 // nL	---
HGNC:6600 X17q11.2-q12	0006260 // DI	0005622 // in	0000166 // nL	---
HGNC:24239 1q32.1	---	0016020 // m	---	---
HGNC:23697 11q23.3	---	---	---	---
HGNC:9886 X12p11	0006350 // tr	0005622 // in	0003677 // DI	---
HGNC:7842 X15q22-qter	0007165 // sig	0005576 // ex	0005179 // hc	---
HGNC:21556 6q22.1	---	---	0000287 // m	---
HGNC:1167 E11p15.3	0006508 // pr	---	0004190 // as	---
HGNC:314 M16q24.3	0006508 // pr	---	0004222 // m	---
HGNC:14282 14q24.3	---	0005634 // nL	---	---
HGNC:7751 X12q13.11-q13	0007155 // ce	0005576 // ex	0005198 // st	---
HGNC:13572 19q13.1	0007155 // ce	0005576 // ex	---	---
HGNC:24997 7q33	---	---	---	---
HGNC:11174 6q21	0006810 // tr	0005737 // cy	0005515 // pr	---
- 10q24.1	0000122 // nE	0005634 // nL	0005515 // pr	---
HGNC:4071 X21q21-q22.1	0000122 // nE	0005634 // nL	0003677 // DI	Smooth_muscle_contractior
HGNC:7105 X3p14.2-p14.1	0006350 // tr	0005634 // nL	0003677 // DI	---
HGNC:622 M17q21-q23	0006810 // tr	0005634 // nL	0003777 // m	---
HGNC:17157 16q22.1	---	0005634 // nL	0005515 // pr	---
HPRD:16938 6p22.1	0006955 // in	0016020 // m	---	---
HGNC:28624 12p13.33	0019941 // m	---	---	---
HGNC:1402 X10p12	0006810 // tr	0005886 // pl	0005216 // io	---
HGNC:2207 Xq22	---	0005576 // ex	0005201 // ex	---
HGNC:11466 6p21.1-p21.3	0006350 // tr	0005634 // nL	0003677 // DI	---
HGNC:7450 X11q22	0006470 // pr	0005634 // nL	0004437 // in	---
HGNC:120 M3p14.3	0006629 // lip	0005777 // pE	0003995 // ac	---
HGNC:23222 13q12.12	0035023 // re	0005622 // in	0005089 // Rf	---
HGNC:20073 1q21.3	0006810 // tr	0005737 // cy	0005515 // pr	---
HGNC:13070 7q31.1	0006350 // tr	0005622 // in	0003677 // DI	---
HGNC:19888 10q23.2	---	0005576 // ex	---	---
HGNC:19383 16p13.13	0001932 // re	0005737 // cy	0004860 // pr	---
HGNC:15767 14q22.1	0007155 // ce	0001725 // st	0005515 // pr	---
HGNC:14660 19q13.2	0001558 // re	0005634 // nL	0004497 // m	---
HGNC:30348 12q23.3	0006350 // tr	0005634 // nL	0003677 // DI	---
HGNC:30036 12p12	---	---	0005515 // pr	---
HGNC:20957 6q13	---	0005576 // ex	---	---
HGNC:17187 9q34.3	0007275 // m	0005783 // er	0005515 // pr	---
HGNC:22946 2p23.1	---	0000139 // Gc	0004653 // pc	---
HGNC:2662 X5p13	0008283 // ce	0005905 // cc	0005515 // pr	---
HGNC:18524 15q23	0006355 // re	0005634 // nL	0003677 // DI	---
HGNC:1550 X21q22.3	0006534 // cy	0005634 // nL	0003824 // ca	---
HGNC:16234 20q13.31	0006350 // tr	0005622 // in	0003676 // nL	---
HGNC:19392 14q22.2-q22.3	0007242 // in	---	0005515 // pr	---
HGNC:29639 3q13	---	---	---	---

HGNC:29969|4q31.1 --- 0016020 // m --- ---  
HGNC:11768|1q41 0000902 // ce 0005576 // ex 0001540 // be ---  
HGNC:26044|Xp22.2 0000387 // sp 0005634 // nl 0005515 // pr ---  
HGNC:21658|7q22.1 0019941 // m --- --- ---  
HGNC:16850|11p15.3 --- 0005634 // nl 0005488 // bi ---  
HGNC:10737|3q21.1 0007275 // m 0016020 // m 0004872 // re ---  
HGNC:24269|12p12.3 0008152 // m 0005737 // cy 0003824 // ca ---  
HGNC:3800|16p25 0001501 // sk 0005634 // nl 0003677 // DI ---  
HGNC:30416|1q23.3 --- --- 0005515 // pr ---  
HGNC:27172|2p23.3 --- --- --- ---  
HGNC:29169|18q12.1 0006810 // tr: 0005794 // Gc 0005488 // bi ---  
HGNC:30705|17p13.3 --- --- --- ---  
HGNC:20069|2q37.1 0006511 // uk 0005737 // cy 0004221 // uk ---  
HGNC:13016|19q13.2 0006350 // tr: 0005622 // in: 0003676 // nl ---  
HGNC:21152|Xq24 0006508 // pr --- 0004176 // A1 ---  
HGNC:2488|15q34 0000122 // ne 0005634 // nl 0003677 // DI ---  
HGNC:29448|3p12.3 --- --- --- ---  
HGNC:29360|1q44 --- --- --- ---  
HGNC:10439|1q41 0006468 // pr 0005737 // cy 0000166 // nl ---  
HGNC:4449|12q35-q37 --- 0005576 // ex 0043395 // he ---  
HGNC:243|M 4p16.3 0007010 // cy 0005634 // nl 0003779 // ac ---  
HGNC:30950|3q26.33 0006350 // tr: 0005622 // in: 0003677 // DI ---  
HGNC:14970|14q13.1 0006810 // tr: 0005622 // in: 0005515 // pr ---  
HGNC:10883|21q22.2|21q2 0000122 // ne 0005634 // nl 0003677 // DI ---  
HGNC:13232|12p12.3 0007165 // si --- --- ---  
HGNC:29114|11q13.4 --- --- 0005515 // pr ---  
HGNC:13015|19q13.2 0006350 // tr: 0005622 // in: 0003676 // nl ---  
HGNC:18141|6p22.1 0001764 // ne --- --- ---  
HGNC:16994|12q13 0016567 // pr 0005625 // so 0005515 // pr ---  
HGNC:25115|11q13.1 --- --- --- ---  
HGNC:11322|12p11.2 0006936 // m 0005886 // pl --- ---  
HGNC:11841|2q31.1 0001672 // re 0005634 // nl 0000166 // nl ---  
HGNC:20753|5q31.3 0006810 // tr: 0000139 // Gc 0005351 // su Translation\_Factors // GenM  
HGNC:327|M 2q31.2 0006629 // li: 0005777 // pe 0003824 // ca ---  
HGNC:4623|18p21.1 0006749 // gl: 0005737 // cy 0004362 // gl ---  
HGNC:25358|8p11.21 --- 0016020 // m 0005515 // pr ---  
HGNC:7046|122q13.1 0006487 // pr 0000139 // Gc 0003830 // be ---  
HGNC:6769|15q22.33 0000122 // ne 0005622 // in: 0003690 // dc ---  
HGNC:2989|13p21.2 --- 0005625 // so 0005085 // gu ---  
HGNC:29314|1p31.3 0006810 // tr: 0016020 // m 0005509 // ca ---  
HGNC:4916|122q11.2|22q1 0006350 // tr: 0005634 // nl 0003682 // ch ---  
HGNC:13075|1q32.1 0000122 // ne 0005622 // in: 0003676 // nl ---  
HGNC:3179|14q31.22 0006939 // sn 0005886 // pl: 0001599 // er GPCRDB\_Class\_A\_Rhodopsir  
HGNC:28161|8p12 0006470 // pr 0005634 // nl 0004721 // pl ---  
HGNC:17615|2p13.1 0006350 // tr: 0005634 // nl 0005515 // pr ---  
HGNC:6628|17p11.2 0006461 // pr 0005737 // cy 0005198 // st ---  
HGNC:22916|18q21.33 0007154 // ce 0005737 // cy 0003676 // nl ---  
HGNC:3401|1q42.1 0009636 // re 0005783 // er 0003824 // ca ---

HGNC:15448 3q26.2	0006810 // tr:0005634 // nt---	---
HGNC:12853 22q12.3	0006713 // gl:0005737 // cy0003779 // ac	Calcium_regulation_in_cardi
-1q24.3	---	---
HGNC:25226 9p13.1	0006350 // tr:0005622 // in:0003676 // nt---	
HGNC:2154 1p34.1	0006468 // pr:0016020 // m:0000166 // nt---	
HGNC:6596 12q12.2	0006955 // in:0005576 // ex:0005125 // cy	TGF_Beta_Signaling_Pathwa
HGNC:20749 13q12.11	---	0016020 // m:0008270 // zi---
HGNC:14892 9q34.3	0006508 // pr:0005764 // ly:0004177 // ar---	
HGNC:12867 7q22	0006350 // tr:0005622 // in:0003676 // nt---	
HGNC:14933 6p23	0006342 // ch---	0003677 // DI---
HGNC:9401 1p2p21	0006468 // pr:0005624 // m:0000166 // nt	Calcium_regulation_in_cardi
HGNC:4232 5p13.1-p12	0001755 // ne:0005576 // ex:0005102 // re---	
HGNC:23111 4q31.3	0007155 // ce:0016020 // m:0005509 // ca---	
HGNC:23483 Xq24	---	0005085 // gu---
HGNC:9978 12q12	---	---
HGNC:7744 14q33	0006468 // pr:0005634 // nt:0000166 // nt---	
HGNC:17598 6q15	0019941 // m:0005783 // er:0004842 // uk---	
HGNC:9766 15q15-q21.1	---	---
HGNC:13236 19q12	0006357 // re:0005634 // nt:0003714 // tr:---	
HGNC:2732 12q11.23	0006583 // m:0005737 // cy:0004167 // dc---	
HGNC:23393 19p13.2	0006350 // tr:0005634 // nt:0003713 // tr:---	
HGNC:21533 5q23.2	0006810 // tr:---	0005515 // pr---
HGNC:24263 1p36.13-q31.3	---	0005634 // nt:0005515 // pr---
HGNC:28784 9q21.13	---	---
HGNC:2213 12q37	0007155 // ce:0005576 // ex:0004866 // er---	
HGNC:30363 12p13.31	---	---
HGNC:468 M1p13	0006144 // pl---	0003876 // AI---
HGNC:12953 6p21.3	0006350 // tr:0005622 // in:0003676 // nt---	
HGNC:29873 Xq24	---	0005634 // nt---
HGNC:9308 19q34	0006470 // pr:0000159 // pr:0005102 // re	Glycogen_Metabolism // Ge
HGNC:24686 1p36.21	0007155 // ce:0005737 // cy:0005515 // pr---	
HGNC:6665 15q24-q25 15q25	00018277 // pr:0005576 // ex:0004720 // pr---	
HGNC:7965 19q13.3-q13.3	0006350 // tr:0005634 // nt:0003677 // DI	Nuclear_Receptors // GenM.
HGNC:22224 7q34	---	0005515 // pr---
HGNC:24073 12q13.11	0007155 // ce:0005634 // nt:0005515 // pr---	
HGNC:19018 1p13.1	---	0005622 // in:0005515 // pr---
HGNC:17189 19p13.2	---	0005576 // ex---
HGNC:20309 13q14.13-q14	---	0005515 // pr---
HGNC:12992 19p13.3-p13.2	0006350 // tr:0005622 // in:0003676 // nt---	
HGNC:21411 10q22.1	0006915 // a:0005737 // cy:0003677 // DI---	
HGNC:2040 1p34.2	0007601 // vi:0005886 // pl:0000287 // m---	
HGNC:29412 2q32.1	---	0016020 // m:0003677 // DI---
HGNC:4369 16p25	0005975 // ca:0005622 // in:0003824 // ca---	
HGNC:9185 17p13	0006260 // DI:0005622 // in:0000287 // m---	
HGNC:25412 1p31.3	---	0005737 // cy---
HGNC:1932 1q32.1	0005975 // ca:0005576 // ex:0003824 // ca---	
HGNC:28440 1q32.2	0007275 // m:0005634 // nt---	
HGNC:27009 1p13.2	---	---



HGNC:30683 12p13.31	0019885 // ar 0005783 // er ---	---
HGNC:17233 20q13	0006909 // pl 0005737 // cy 0005488 // bi ---	---
HGNC:877 M 5q31	0006081 // ce 0005739 // m 0004029 // al---	---
HGNC:4038 17q21	0007165 // sig 0016020 // m 0004871 // sig Wnt_signaling // GenMAPP	---
HGNC:17280 6q14.2-q16.1	---	0005515 // pr ---
HGNC:2301 17q11.2	0006508 // pr 0005624 // m 0004180 // ca---	---
HGNC:24451 12p13.33	0000184 // nl 0005634 // nl 0005515 // pr ---	---
HGNC:9459 1q32.2-q32.3	0001709 // ce 0005634 // nl 0003677 // DI---	---
HGNC:23230 3q22.1	0008152 // m 0005737 // cy 0003824 // ca---	---
HGNC:24134 16q24.2	0007154 // ce ---	0003676 // nl ---
HGNC:14297 13q14	---	---
HGNC:17879 1q25.1	---	0000775 // ch ---
HGNC:20392 20q12-q13.2	0008152 // m 0005615 // ex 0003824 // ca---	---
HGNC:28395 4q25	0006629 // lip 0000139 // Gc 0003824 // ca---	---
HGNC:21718 7p22.3	0007165 // sig 0005886 // pl 0004871 // sig---	---
HGNC:1139 E 6p22.1	---	0016020 // m ---
HGNC:9284 16p21.3	0006350 // tr: 0005634 // nl 0003676 // nl ---	---
HGNC:6551 14q23-q25	0000122 // ne 0005634 // nl 0003677 // DI TGF_Beta_Signaling_Pathwa	---
HGNC:6935 15q21	0007049 // ce ---	0004872 // re ---
HGNC:7680 15q33.1	0006954 // in: 0000139 // Gc 0003824 // ca---	---
HGNC:33265 19q13.42	0006350 // tr: 0005622 // in: 0003676 // nl ---	---
HGNC:20217 14q24.1	0006139 // nl 0005622 // in: 0003676 // nl ---	---
- 4q26	---	---
HGNC:1719 19q22.32-q22.3	0006470 // pr 0005634 // nl 0004721 // pl Cell_cycle_KEGG // GenMAP	---
HGNC:25807 16q22.1	---	---
HGNC:11760 2q32	0007596 // bl 0005576 // ex 0004866 // er ---	---
HGNC:29571 5q31.1	0042742 // de 0005576 // ex ---	---
HGNC:813 M 17p13.3	0006754 // A1 0005634 // nl 0000166 // nl Calcium_regulation_in_cardi	---
HGNC:11275 2p21	0007182 // cc 0005634 // nl 0003779 // ac---	---
HGNC:26486 1q44	---	0016020 // m ---
HGNC:10467 14q23.1	0007165 // sig 0005783 // er 0004871 // sig---	---
HGNC:9792 1Xp22.2	0006810 // tr: 0000139 // Gc 0000166 // nl ---	---
HGNC:1801 120p13	0008654 // pl 0005739 // m 0004605 // pl---	---
HGNC:26834 2q33.1	---	---
HGNC:14362 12q12	---	0005576 // ex ---
HGNC:29140 19p13.11	---	0005576 // ex 0005488 // bi ---
HGNC:7877 16q21	0006350 // tr: ---	---
HGNC:8927 16q12-q13	0005975 // ca 0005886 // pl 0003824 // ca Glycogen_Metabolism // Ge	---
HGNC:14287 Xp22.32-p22.3	0007155 // ce 0005634 // nl 0005515 // pr ---	---
HGNC:28662 19p13.3	0008612 // pe ---	0004497 // m ---
HGNC:30701 Xq13.1	---	0016020 // m ---
HGNC:17961 2q37.1	0006810 // tr: 0016020 // m 0004872 // re ---	---
HGNC:34450 12q23.3	---	0005576 // ex ---
- 6q27	---	---
HGNC:2916 17q21	0001568 // bl 0005634 // nl 0003677 // DI---	---
HGNC:8124 17p14-p13	0006091 // ge 0005739 // m 0004591 // ox Krebs-TCA_Cycle // GenMAP	---
HGNC:10409 20q13.3	0006412 // tr: 0005622 // in: 0003735 // st: Ribosomal_Proteins // GenM	---
HGNC:4125 12q24-q31	0005975 // ca 0005624 // m 0004653 // pc---	---

HGNC:26345 8p22	---	---	---	---
HGNC:26727 2q37.3	---	0005576 // ex	---	---
HGNC:16370 7p15	0006810 // tr	---	0005515 // pr	---
HGNC:3720 12p13.33	0006457 // pr	0005622 // in	0003755 // pe	---
HGNC:2464 5q14.3	0007155 // ce	0005576 // ex	0005488 // bi	---
HGNC:30989 17q11.2	0001558 // re	0016020 // m	---	---
HGNC:20661 3p14.1	0006810 // tr	0005739 // m	0000095 // S	---
HGNC:10923 Xq13.2	0006810 // tr	0005624 // m	0005215 // tr	---
Ensembl:ENSC5q35.2	0007212 // dc	0005768 // er	0050780 // dc	---
HGNC:11350 11p15	---	---	0005515 // pr	---
HGNC:21732 4q21.21	---	0005576 // ex	0004872 // re	---
HGNC:24987 16p13.3	0006808 // re	---	0003824 // ca	---
HGNC:17357 22q13.1-q13.2	0002230 // pc	0005634 // nl	0003723 // R	---
HGNC:2156 19p13.3	0007010 // cy	0005856 // cy	0003779 // ac	Smooth_muscle_contractor
HGNC:14985 1p36	---	0005634 // nl	---	---
HGNC:21408 6q15	0006508 // pr	---	0008237 // m	---
HGNC:4398 17q21.3-q22.1	0007165 // si	---	0003924 // G	Calcium_regulation_in_cardi
HGNC:5113 17q21-q22	0002011 // m	0005634 // nl	0003677 // DI	---
HGNC:26217 Xq22.3	---	0016020 // m	---	---
HGNC:11305 6p21.3-p21.2	0006397 // m	0005634 // nl	0000166 // nl	mRNA_processing_Reactom
HGNC:18816 19q13.12	0007155 // ce	0005886 // pl	---	---
HGNC:11986 20q12-q13.1	0006260 // DI	0005634 // nl	0003677 // DI	---
HGNC:5185 12q24.22	0006915 // a	---	0005515 // pr	Apoptosis // GenMAPP /// A
HGNC:16860 12q24.1	0006396 // R	0005622 // in	0000166 // nl	---
HGNC:2849 12q13.3	0007205 // ac	0005829 // cy	0004143 // di	---
HGNC:15720 14q13-q21	0007049 // ce	0005624 // m	0005515 // pr	---
HGNC:11408 20q11.2-q13.2	0000902 // ce	0005634 // nl	0000166 // nl	---
- 4q31.21	---	---	---	---
HGNC:25791 1p22.1	---	0016020 // m	---	---
HGNC:25522 17p13.1	0032203 // te	0005634 // nl	0003723 // R	---
HGNC:24220 8q24.13	---	0005634 // nl	0004518 // nl	---
HGNC:7691 19p13.2	0006120 // m	0005739 // m	0008137 // N	Electron_Transport_Chain //
HGNC:24128 15q26.3	---	0016020 // m	---	---
HGNC:24627 3q12.1 3	0007155 // ce	0005887 // in	0005515 // pr	---
HGNC:25835 15q23	---	0005576 // ex	0004222 // m	---
MIM:300547 Xq26.2	0006468 // pr	0005737 // cy	0000166 // nl	---
HGNC:19956 14q24.1	---	0016020 // m	---	---
HGNC:2649 17q21.2	0006694 // st	0005783 // er	0004497 // m	Cholesterol_Biosynthesis //
HGNC:31 HPF4p16.3	---	---	---	---
HGNC:25559 12p11.21	---	---	---	---
HGNC:17637 6q24	0006915 // a	0005739 // m	0005515 // pr	---
HGNC:18593 3q22.1	0006468 // pr	0005634 // nl	0000166 // nl	---
HGNC:24460 11p13	0006412 // tr	0005737 // cy	0003743 // tr	---
HGNC:28167 1q44	0006350 // tr	0005622 // in	0003676 // nl	---
HGNC:28672 17q25.3	---	0016020 // m	---	---
HGNC:5128 12q13.3	0001501 // sk	0005634 // nl	0003677 // DI	---
HGNC:13480 17p11.2	0006468 // pr	0005634 // nl	0000166 // nl	---
HGNC:10806 4q12	0007010 // cy	0005737 // cy	---	---

HGNC:27683 2p25.3	---	0005576 // ex---	---
HGNC:25484 1q44	0007018 // m	0005874 // m	0000166 // n
HGNC:13583 5p12	0016567 // pr	0000151 // uk	0004842 // uk---
HGNC:2740 12q13.1	0006396 // R	0005634 // n	0000166 // n---
HGNC:20391 8q13.2-q13.3	0006915 // a	0005615 // ex	0003824 // ca---
HGNC:8009 11q13	0007155 // ce	0016020 // m	0005509 // ca---
HGNC:11805 21q22.1 21q22.2	0007165 // si	0005622 // in	0005057 // re---
HGNC:12665 10q22.2	0006928 // ce	0005737 // cy	0003779 // ac
HGNC:9879 11q13	0001558 // re	0005622 // in	0005085 // gu---
HGNC:20156 14q11	0060314 // re	0005792 // m	---
- 7q36.2	---	---	---
HGNC:24055 1q25.2	---	0005783 // er	0005515 // pr---
HGNC:927 M 3q13.3	0005975 // ca	0005794 // G	0003945 // N---
HGNC:29214 11q24.1	---	0016020 // m	---
HGNC:25817 9q21	---	0005622 // in	0003676 // n
HGNC:25909 9p13.3	0035023 // re	0005622 // in	0005085 // gu---
HGNC:1492 17p13	0005975 // ca	0005737 // cy	0000166 // n
HGNC:24708 1p34.2	0006350 // tr	0005622 // in	0003676 // n
HGNC:29141 1p13.3	---	---	---
HGNC:26514 2q36.1	---	---	---
HGNC:12894 19q13.33	0006350 // tr	0005622 // in	0003676 // n
HGNC:12713 7p14-p13	0006810 // tr	---	0005488 // bi---
HGNC:6305 17p22.1	0006621 // pr	0005783 // er	0004872 // re---
HGNC:17621 Xp11.23	---	0005737 // cy	0000287 // m---
HGNC:14416 6p24.2	0000038 // ve	0005783 // er	0016747 // tr---
HGNC:22398 7p15.3	---	0005576 // ex---	---
HGNC:3432 12q33.3-q34	0006468 // pr	0005887 // in	0000166 // n
HGNC:8682 15q31	0007155 // ce	0005886 // pl	0005509 // ca---
HGNC:20862 4q22-q24	0006810 // tr	0016020 // m	0008270 // zir---
HGNC:2073 11p15	0006508 // pr	0005625 // so	0004175 // er---
HGNC:1986 1Xq13.1	0001570 // va	0005634 // n	0003700 // tr---
HGNC:23846 9q34.3	0008284 // p	0005634 // n	0005515 // pr---
HGNC:27884 12q23.3	---	0016020 // m	---
- 1q12	---	---	---
HGNC:8688 15q31	0007155 // ce	0005886 // pl	0005509 // ca---
HGNC:11257 2p14-p12	0006729 // te	0005737 // cy	0003824 // ca---
HGNC:6153 10p11.2	0000082 // G	0001726 // ru	0004872 // re
HGNC:9195 13q28	0000398 // n	0005634 // n	0003899 // DI
HGNC:25236 1q32.1-q41	---	---	---
HGNC:13411 7q11.23-q21	0006350 // tr	0005634 // n	0003677 // DI---
HGNC:34399 11q12.3	---	0005576 // ex---	---
HGNC:16957 1q42.11-q42.3	0006260 // DI	0005737 // cy	0000166 // n
HGNC:4975 11q25.3	0002474 // ar	0005576 // ex	0032393 // M---
HGNC:6292 11q21.3	0006810 // tr	0016020 // m	0005216 // io---
HGNC:856 M 8q22.3	0006810 // tr	0016469 // pr	0005215 // tr---
HGNC:1249 120q11.2	0007067 // m	0000922 // sp	0005515 // pr---
HGNC:11949 1q32	0006936 // m	0005737 // cy	0003779 // ac
HGNC:4311 16p12	0006534 // cy	0005829 // cy	0000287 // m---

HGNC:28992  4p16.1	---	---	0000166 // nL---
NA NA	---	---	---
HGNC:13838  10q26	0007165 // siξ	0005886 // pl	0004871 // siξ---
HGNC:3538  5q13	0002690 // pξ	0005794 // Gξ	0004871 // siξ GPCRDB_Class_A_Rhodopsir
HGNC:20442  16p11.2	---	---	---
HGNC:30839  17q21.2	0031069 // hξ	0005737 // cy	0005198 // st---
HGNC:10887  14q23.1	0001657 // ur	0005634 // nL	0003677 // DI---
- Xq13.2	---	---	---
HGNC:26082  22q13	---	---	0005488 // bi---
HGNC:9685  7q31.3	0006470 // pr	0005578 // pr	0004721 // pξ---
HGNC:11578  4p14	0032313 // re	0005622 // in	0005096 // G---
HGNC:7559  2p24.1	0006355 // re	0000785 // ch	0003677 // DI---
HGNC:18229  22q13.1	0007264 // sn	0005622 // in	0000166 // nL---
HGNC:13068  19qter	0006350 // tr	0005622 // in	0003676 // nL---
HGNC:20376  3p26.1	0030203 // gl	0005783 // er	0005509 // ca---
- 7q36.3	---	---	---
HGNC:14626  11q12.1	0000082 // G	0005634 // nL	0003682 // ch---
HGNC:26116  16q21	---	---	---
HGNC:11840  9q21.31	0000122 // nξ	0005634 // nL	0003682 // ch---
HGNC:10925  1p13.3	0006810 // tr	0005624 // m	0008028 // m---
HGNC:19663  1p31.3	0007165 // siξ	0005834 // hξ	0004871 // siξ Calcium_regulation_in_cardi
HGNC:20090  10p12.31	0006417 // re	0005634 // nL	0001671 // A---
HGNC:4234  8q13-q21	0006955 // in	0005886 // pl	0000166 // nL---
HGNC:1504  4q34	0001782 // B	0005634 // nL	0004197 // cy Apoptosis // GenMAPP /// A
HGNC:12796  11p13	0000122 // nξ	0005622 // in	0003676 // nL---
HGNC:6177  14q31	0007165 // siξ	0005622 // in	0000166 // nL---
HGNC:9674  6q22.2-q22.3	0006470 // pr	0005886 // pl	0004721 // pξ---
HGNC:11119  19p13.2	0006959 // hL	0005794 // Gξ	0004871 // siξ---
HPRD:13544 17q25.3	---	---	---
HGNC:30323  3q21.1	---	---	0005515 // pr---
HGNC:3346  9q34.1	0001701 // in	0005739 // m	0000287 // m---
HGNC:17021  9q33.1	---	0016020 // m	---
HGNC:30590  1p36.11	---	0005737 // cy	---
HGNC:9778  1p32-p31	0006810 // tr	0005886 // pl	0000166 // nL---
HGNC:30412  4q28	0006350 // tr	0005634 // nL	0005515 // pr---
HGNC:5048  1q44	0000398 // nL	0005634 // nL	0000166 // nL mRNA_processing_Reactom
HGNC:26164  13q14.11	0006474 // N	0005634 // nL	0004872 // re---
HGNC:17223  6q25.1	0006477 // pr	0000139 // Gξ	0008146 // su---
HGNC:24227  15q21.1	0007049 // ce	0016020 // m	---
HGNC:1910  19p13.3	0006260 // DI	0005634 // nL	0003682 // ch---
HGNC:88  MIM 2q34-q35	0006629 // liξ	0005739 // m	0003995 // ac Fatty_Acid_Degradation // C
HGNC:24033  11q22.1	---	0016020 // m	---
HGNC:14638  7p12.3	0006810 // tr	0016020 // m	0000166 // nL---
HGNC:30027  4q26-q27	0006350 // tr	0005634 // nL	0005515 // pr---
HGNC:21153  Xq22.3	0019941 // m	0005737 // cy	0004842 // uξ---
HGNC:8940  10p13	0001561 // fa	0005777 // pξ	0003824 // ca---
HGNC:3513  11p12-p11	0001503 // os	0000139 // Gξ	0005515 // pr---
HGNC:16274  21q21.2	---	0016020 // m	---

-	15q13.2	---	---	---	---
MIM:612790	5q13.2	0007242 // in	0005622 // in	0003723 // R	---
-	16q24.3	---	---	---	---
HGNC:16268	19p13.3-p13.2	0001525 // ar	0005783 // er	0004622 // ly	---
HGNC:28652	1q42.13	0006350 // tr	0005622 // in	0003676 // n	---
HGNC:17346	6p25.2	0006397 // m	0005634 // n	0000166 // n	mRNA_processing_Reactom
HGNC:8829	5q11.2	0006412 // tr	0005634 // n	0000287 // m	Integrin-mediated_cell_adhe
MIM:610484	20p13	---	0005737 // cy	0005198 // st	---
HGNC:20582	4q25	0055114 // o	0005783 // er	0004497 // m	---
HGNC:11137	9q34.3	0006350 // tr	0005634 // n	0003677 // D	---
HGNC:18258	12q22	---	0001669 // ac	---	---
-	5q23.3	---	---	---	---
HGNC:10068	6p21.3	0019941 // m	0016020 // m	0005515 // pr	---
HGNC:25924	8q24.13	---	---	0005488 // bi	Integrin-mediated_cell_adhe
HGNC:6847	19p13.3-p13.2	0006468 // pr	0005634 // n	0000166 // n	MAPK_Cascade // GenMAPP
HGNC:18866	1q31.3	0006810 // tr	0005886 // pl	0000166 // n	---
HGNC:21561	6q21	---	---	---	---
HGNC:6916	18q21	0006350 // tr	0005634 // n	0003677 // D	---
HGNC:16422	22q13.1	0006461 // pr	0005622 // in	0005515 // pr	---
HGNC:26521	18q21.1	---	---	0005515 // pr	---
HGNC:28370	19q13.12	---	0016020 // m	0005515 // pr	---
HGNC:25037	13q12-q13	---	---	---	---
HGNC:7166	16q13-q21	0001666 // re	0005576 // ex	0004222 // m	Matrix_Metalloproteinases /
HGNC:367	M 17q21-q23	---	0005737 // cy	0003676 // n	G_Protein_Signaling // Gen
HGNC:17206	6q25.3	---	0016020 // m	---	---
HGNC:20771	9q34	0006928 // ce	0005856 // cy	0000166 // n	---
HGNC:19133	Xq26.2	---	0016020 // m	0008146 // su	---
HGNC:7132	11q23	0006350 // tr	0005634 // n	0003677 // D	---
HGNC:25775	19q13.41	0006350 // tr	0005622 // in	0003676 // n	---
HGNC:9158	14q24.3	0007283 // sp	0005634 // n	---	---
HGNC:288	M 8p12-p11.2	0002024 // di	0005624 // m	0004871 // si	Calcium_regulation_in_cardi
HGNC:9304	8p21.2	0006470 // pr	0000159 // pr	0004722 // pr	Glycogen_Metabolism // Ge
HGNC:7879	19q13.4	0006350 // tr	0005634 // n	0005515 // pr	---
HGNC:10480	3p13	0000122 // n	0005622 // in	0003677 // D	---
HGNC:4938	6p21.3	0002504 // ar	0005886 // pl	0032395 // M	---
HGNC:3074	11p15.5	0000188 // in	0005634 // n	0004721 // p	---
HGNC:26542	10p12.1	---	0005923 // ti	0005515 // pr	---
HGNC:29289	18q21.33	---	---	0005488 // bi	---
HGNC:11845	9p13	0006928 // ce	0001726 // ru	0003779 // ac	Integrin-mediated_cell_adhe
HGNC:18332	5q32	0045449 // re	0000775 // ch	0003676 // n	---
HGNC:31923	6q14.1	0006810 // tr	0005737 // cy	---	---
-	5q33.1	---	---	---	---
HGNC:25687	11q13.4	0044419 // in	0005829 // cy	0005515 // pr	---
HGNC:1699	17q23	0006955 // in	0005634 // n	0004888 // tr	---
HGNC:12761	11p15.3-p15.2	0006468 // pr	0005634 // n	0000166 // n	Cell_cycle_KEGG // GenMAP
HGNC:11517	7q21-q22	0006954 // in	0005576 // ex	---	---
HGNC:19089	5q12.1	0006810 // tr	0005624 // m	0005385 // zi	---
HGNC:26105	17q21.2	---	0005856 // cy	---	---

HGNC:9802|X 22q13.1 0006935 // ch 0005622 // in: 0000166 // nL Integrin-mediated\_cell\_adhe  
HGNC:3689|X 10q26 0001525 // ar 0005576 // ex 0000166 // nL ---  
HGNC:11364|X 17q21.31 0000122 // nE 0005634 // nL 0003677 // DI TGF\_Beta\_Signaling\_Pathwa  
HGNC:9775|X 22q11.22 0006810 // tr: 0000139 // Gc 0000166 // nL ---  
HGNC:21685|6q13 --- 0005576 // ex 0004866 // er ---  
HGNC:13001|Xp22.11-p11.2 0006350 // tr: 0005622 // in: 0003676 // nL ---  
HGNC:10251|18q11.1 0000910 // cy 0000139 // Gc 0000166 // nL G13\_Signaling\_Pathway // G  
HGNC:13150|19p13.3 0006350 // tr: 0005622 // in: 0003676 // nL ---  
HGNC:11218|Xq27.1 0007283 // sp 0005634 // nL --- ---  
HGNC:16789|1q25 0009058 // bi 0005737 // cy 0000309 // ni ---  
HGNC:8943|X 3q26.1 0007417 // ce 0005576 // ex 0004866 // er ---  
HGNC:1309|E 22q13.3 0032313 // re 0005622 // in: 0005096 // G ---  
HGNC:851|M 3q13.2-q13.3 0006810 // tr: 0005739 // m 0000166 // nL ---  
HGNC:28834|19q13.2 --- 0016020 // m --- ---  
HGNC:17811|11q14.3 --- 0005737 // cy 0005515 // pr ---  
HGNC:16507|3p14.2 0006810 // tr: 0008021 // sy 0005215 // tr: ---  
HGNC:32403|17p11.2 --- --- --- ---  
HGNC:2454|X 15q22.1-q22.3 0006468 // pr 0005737 // cy 0000166 // nL ---  
Ensembl:ENSC 17q21.2 0007130 // sy 0000794 // cc --- ---  
HGNC:23800|1q42.2 0051056 // re 0005622 // in: 0005096 // G ---  
HGNC:17008|3q22.1 0006259 // DI 0000794 // cc 0003677 // DI ---  
HGNC:16987|13q14.3 0007067 // m 0000151 // ut 0005488 // bi ---  
HGNC:27806|8p23.1 --- 0016020 // m --- ---  
HGNC:26951|8p23.3 --- --- --- ---  
HGNC:25734|5q13.2 --- --- --- ---  
HGNC:25054|1p36.22 0007275 // m 0005576 // ex --- ---  
HGNC:21617|6q24.1 --- 0005737 // cy --- ---  
HGNC:7998|X 5q23-q33 0007165 // siE 0005576 // ex 0005102 // re ---  
HGNC:30071|1p34.2 --- 0016020 // m --- ---  
HGNC:6157|X 1p31.3 0006350 // tr: 0000775 // ch 0004871 // siE ---  
HGNC:20312|13q14.3 0006350 // tr: 0005634 // nL 0008289 // lip ---  
HGNC:24343|18q12 0006350 // tr: 0005634 // nL 0003677 // DI ---  
HGNC:29905|1p22 0006355 // re 0005737 // cy 0003676 // nL ---  
HGNC:2457|X 20p13 0001558 // re 0005634 // nL 0000166 // nL ---  
HGNC:447|M Xp22.33;Yp11 --- 0000228 // nL 0003677 // DI ---  
HGNC:18707|12q13.13 0007165 // siE 0005737 // cy 0005515 // pr ---  
HGNC:6326|X 16q13-q21 0007017 // m 0005794 // Gc 0000166 // nL ---  
HGNC:785|M 1q32.3 0006094 // gl 0005634 // nL 0003677 // DI Hypertrophy\_model // GenL  
HGNC:11132|20p12-p11.2 0001504 // nE 0005886 // pl 0005515 // pr ---  
HGNC:15968|8q21.11 --- 0005737 // cy --- ---  
HGNC:23198|4q35.2 0007601 // vi: 0005783 // er 0004497 // m ---  
HGNC:26991|17q12 --- 0016020 // m --- ---  
HGNC:19421|2q37.3 0006473 // pr --- 0005515 // pr ---  
HGNC:34348|1p36.11 0007049 // ce 0005634 // nL --- ---  
HGNC:27257|16p12.3 --- 0016020 // m --- ---  
HGNC:20511|14q32.33 --- 0016020 // m --- ---  
- 6p12.3 --- --- --- ---  
HGNC:23791|14q32.33 0016043 // ce 0005634 // nL 0003779 // ac ---

HGNC:18608	15q26.3	0006468 // pr	0005622 // in	0000166 // n	---
HGNC:20290	13q14.2	---	---	0005488 // bi	---
HGNC:25808	2p15	---	---	---	---
-	12q24.23	0000910 // cy	0005886 // pl	0000166 // n	---
HGNC:6140	12q31.3	0001974 // bl	0008305 // in	0001968 // fi	Integrin-mediated_cell_adhe
HGNC:15887	20q13.33	---	---	---	---
HGNC:24740	19q13.41	0006350 // tr	0005622 // in	0003676 // n	---
HGNC:26303	3q23	---	0005576 // ex	0003993 // ac	---
HGNC:6025	14q13-q21	0001525 // ar	0005576 // ex	0005125 // cy	---
HGNC:29828	9p22.3	---	---	---	---
HGNC:23044	10q26.11	0006417 // re	0005737 // cy	0003723 // R	---
HGNC:33875	19p12	0006350 // tr	0005622 // in	0003676 // n	---
HGNC:25309	1p36.11	---	---	---	---
HGNC:26429	4q32.3	---	---	0000166 // n	---
HGNC:7028	17q32	0007498 // m	0005794 // G	0003824 // ca	---
HGNC:8826	19q13.4	0006350 // tr	0005622 // in	0003676 // n	---
HGNC:26666	11q12.3	---	0005737 // cy	0005515 // pr	---
HGNC:11278	14q24.3-q31	0008152 // m	0005783 // er	0003824 // ca	---
Ensembl:ENSC	11q22.1	0007165 // si	0005622 // in	0005096 // G	---
HGNC:7737	12q12.2	0000226 // m	0005739 // m	---	---
HGNC:21490	2q24.1	0006915 // ar	---	---	---
HGNC:1462	14q26	0000082 // G	0005634 // n	0000166 // n	Calcium_regulation_in_cardi
HGNC:26459	16q12.2	---	0005576 // ex	0004091 // ca	---
HGNC:23143	1q32.2	---	0016020 // m	---	---
HGNC:13600	5q31	0016567 // pr	0000151 // ut	0004842 // ut	---
HGNC:17707	6p21	---	---	---	---
HGNC:28398	1p13.3	---	---	---	---
HGNC:30553	13q14.13	0006511 // ut	0005634 // n	0008270 // zi	---
HGNC:19849	14q23.1	0007275 // m	---	---	---
HGNC:26670	17q21.31	---	---	---	---
HGNC:18966	12q13.11-q14	0019752 // ca	---	0003824 // ca	---
HGNC:9476	10q26.3	0001558 // re	0005576 // ex	0003824 // ca	---
HGNC:3236	17p12	0001503 // os	0005576 // ex	0000166 // n	---
HGNC:11523	10q26	---	0005634 // n	0005515 // pr	---
HGNC:6121	11q32.3-q41	0006350 // tr	0005634 // n	0003677 // DI	Apoptosis // GenMAPP
HGNC:18137	10q26	0019319 // h	0000139 // G	0008146 // su	---
HGNC:11786	6q27	0007155 // ce	0005576 // ex	0005198 // st	---
HGNC:16283	9q22.33	0007386 // cc	0005622 // in	0005515 // pr	---
HGNC:2192	19q21-q22	0001525 // ar	0005576 // ex	0005198 // st	---
HGNC:6677	18p22	0006629 // li	0005576 // ex	0003824 // ca	Fatty_Acid_Degradation // G
HGNC:4641	12q11.23	0006749 // gl	0005737 // cy	0004364 // gl	---
HGNC:9059	120p12	0006629 // li	0005634 // n	0004435 // p	---
HGNC:8021	16q14-q21	0006164 // pl	0005624 // m	0000166 // n	---
HGNC:3359	E6p21.1	0008152 // m	0016020 // m	0003824 // ca	---
HGNC:4165	19q21.3-q22	0002053 // pc	0005886 // pl	0005515 // pr	---
HGNC:11138	4q21	0006916 // ar	0005634 // n	0005515 // pr	---
HGNC:6272	11q42-q43	0006810 // tr	0005768 // er	0005216 // io	---
HGNC:7734	18p21	0000226 // m	0005856 // cy	0005198 // st	---

- 7p14.3 --- 0016020 // m 0005515 // pr ---  
 HGNC:11919|20q12-q13.2 0002768 // in 0005576 // ex 0004871 // si Apoptosis\_KEGG // GenMAP  
 HGNC:262|M 1q32.1 0006909 // pl 0005886 // pl 0001609 // ac GPCRDB\_Class\_A\_Rhodopsin  
 HGNC:9878|15q14 0007165 // si 0000139 // G 0005085 // gu ---  
 HGNC:7156|11q22.3 0006508 // pr 0005576 // ex 0004222 // m Matrix\_Metalloproteinases /  
 HGNC:8743|5q15-q21 0006508 // pr 0005615 // ex 0004252 // se ---  
 HGNC:9163|8p21 0007165 // si 0005576 // ex 0001515 // of ---  
 HGNC:7955|7p15.1 0006816 // ca 0005576 // ex 0001664 // G ---  
 HGNC:21659|6p21.3 --- --- --- ---  
 HGNC:6594|9q33-q34.1 0006350 // tr 0005634 // nl 0003677 // DI ---  
 HGNC:4215|10q11.22 0001501 // sk 0005576 // ex 0005125 // cy ---  
 HGNC:6757|13q13 0007275 // m 0005634 // nl --- ---  
 HGNC:3365|3p21.3 0009134 // nl 0005886 // pl 0000287 // m ---  
 HGNC:8616|10q24 0000122 // ne 0005634 // nl 0003677 // DI ---  
 HGNC:29025|19q12 0006350 // tr 0005622 // in 0003676 // nl ---  
 HGNC:4079|15q11.2-q12 0001662 // be 0005886 // pl 0004872 // re ---  
 HGNC:4317|12q13.2-q13.3 0001649 // os 0005622 // in 0003676 // nl ---  
 HGNC:21241 6p21.3 --- --- --- ---  
 HGNC:3047|12q22.2 --- 0005634 // nl 0005515 // pr ---  
 HGNC:11059|4q28-q32 0006810 // tr 0016020 // m 0015171 // ar ---  
 HGNC:29556|2q37.1 0031175 // ne 0005743 // m 0005509 // ca ---  
 HGNC:7963|3p24.2 0006350 // tr 0005634 // nl 0003677 // DI Circadian\_Exercise // GenM  
 HGNC:4571|5q33|5q31.1 0006810 // tr 0005624 // m 0004872 // re ---  
 HGNC:13872|6p22.3-p21.3 0007275 // m 0005737 // cy 0005488 // bi ---  
 HGNC:5991|12q14 0001660 // fe 0005576 // ex 0005125 // cy Hypertrophy\_model // GenM  
 HGNC:7763|17q12 0001662 // be 0005634 // nl 0003677 // DI ---  
 HGNC:2766|8p23.2-p23.1 0006935 // ch 0005576 // ex --- ---  
 HGNC:6021|5q11 0002675 // pe 0005576 // ex 0004872 // re ---  
 HGNC:7765|17q11.2 0000165 // M 0005622 // in 0005096 // G ---  
 HGNC:3039|12q22.2 0007155 // ce 0005576 // ex 0005515 // pr ---  
 HGNC:356|M 6q21 --- --- 0005529 // su ---  
 HGNC:11185|11q23.2-q24.2 0006629 // li 0005887 // in 0004872 // re ---  
 HGNC:18856|11p11.2 0006350 // tr 0005634 // nl 0003677 // DI G1\_to\_S\_cell\_cycle\_Reactor  
 HGNC:773|M 1q25.2 0007155 // ce 0016020 // m 0005515 // pr ---  
 HGNC:15917|20p12 0006629 // li 0005634 // nl 0004435 // pl S1P\_Signaling // GenMAPP  
 HGNC:9064|E 3p24.3 0006629 // li 0005737 // cy 0004435 // pl ---  
 HGNC:29866|1q32.1 0007155 // ce 0005886 // pl 0005515 // pr ---  
 HGNC:18036|22q12.2 --- 0005576 // ex 0005515 // pr ---  
 HGNC:19156|3p22.1 0006886 // in 0001750 // pl 0003779 // ac ---  
 HGNC:7885|8q24.1 0001558 // re 0005576 // ex 0005520 // in ---  
 HGNC:13746|1q24.1-q25.3 --- 0005576 // ex --- ---  
 HGNC:7818|1p12-p11 0006350 // tr 0005634 // nl 0003677 // DI ---  
 HGNC:23841|3p24-p23 --- 0005737 // cy 0005515 // pr ---  
 HGNC:11487|1p13-p12 0007049 // ce 0000795 // sy 0003677 // DI ---  
 HGNC:497|M 8q13 0006810 // tr 0005887 // in 0005216 // io ---  
 HGNC:10496|1q21 0007049 // ce 0001726 // ru 0005509 // ca Prostaglandin\_synthesis\_reg  
 HGNC:3049|18q12.1 0007155 // ce 0005886 // pl 0005509 // ca ---  
 HGNC:25873|1q41 --- 0016020 // m --- ---



HGNC:18073 Xq21.33-q22.2	---	0016020 // m	0005488 // bi	---
HGNC:13347 3q25.32	0050965 // de	0005737 // cy	0004857 // er	---
HGNC:26065 12q24.22	---	0001726 // ru	0000287 // m	---
HGNC:19080 1p35	0006487 // pr	0000139 // Gc	0004571 // m	---
HGNC:17748 14q23.1	0007275 // m	0005634 // nu	---	---
HGNC:13476 19q13.4	0006810 // tr	0005886 // pl	0005216 // io	---
HGNC:23700 11q23.2	---	---	0005488 // bi	---
HGNC:6954 18p23.1	---	0005622 // in	---	---
HGNC:25844 8p11.21	---	0005622 // in	0003676 // nu	---
HGNC:6814 15q11-q12	---	---	---	---
HGNC:18122 8q11.23	0001525 // ar	0005634 // nu	0003677 // DI	---
HGNC:15631 Xp22.3	0006954 // in	0010008 // er	0003725 // dc	---
HGNC:102 M 10q24.2	0006810 // tr	0005886 // pl	---	---
HGNC:12336 13q13.1-q13.2	0006810 // tr	0005737 // cy	0004872 // re	---
HGNC:16265 12p13.3	0007223 // W	0005576 // ex	0004871 // sig	Wnt_signaling // GenMAPP
HGNC:13998 6q16-q21	0006350 // tr	0005622 // in	0003677 // DI	---
HGNC:19716 12p13.1	---	0005783 // er	---	---
HGNC:3065 11q41	0006470 // pr	0005634 // nu	0004721 // pl	---
HGNC:7739 18p21	0000226 // m	0005882 // in	0005198 // st	---
HGNC:17024 13q14.2	---	---	0005515 // pr	---
HGNC:9023 11q32	0007155 // ce	0005634 // nu	0004871 // sig	---
HGNC:29082 10q23.33	0032313 // re	0005622 // in	0005096 // G	---
HGNC:28858 3p21.31	0019538 // pr	0005783 // er	0005506 // ir	---
HGNC:4284 11q11-q12	0006810 // tr	0000139 // Gc	0005243 // ga	Calcium_regulation_in_cardi
HGNC:918 M 3q25	0006486 // pr	0000139 // Gc	0000287 // m	---
HGNC:18742 Xq28	---	0005634 // nu	0003676 // nu	---
HGNC:4454 11q32	---	0005576 // ex	0043395 // he	---
HGNC:19881 18p11.3	0007155 // ce	0005576 // ex	0005515 // pr	---
HGNC:3488 11q23.3	0006350 // tr	0005634 // nu	0003677 // DI	---
- 11q24.1	---	---	---	---
HGNC:11491 9q22	0000187 // ac	0005634 // nu	0000166 // nu	---
HGNC:14962 11p12-p11	0016192 // ve	0005887 // in	---	---
HGNC:29933 16q13	---	0005737 // cy	0000166 // nu	---
HGNC:30465 5q11.1	---	0016020 // m	---	---
HGNC:20256 10p14	---	---	---	---
HGNC:24600 12q23.1	---	0005634 // nu	---	---
HGNC:20081 9p13.1	0001558 // re	0005576 // ex	0005520 // in	---
HGNC:9377 11p31	0006468 // pr	0005634 // nu	0000166 // nu	Fatty_Acid_Synthesis // Gen
HGNC:27977 7p15.3	---	---	---	---
HGNC:18391 5q32	---	0005576 // ex	---	---
HGNC:28587 8q12.1	---	0005737 // cy	---	---
HGNC:10861 2q11.2-q12.1	0005975 // ca	0005794 // Gc	0003824 // ca	---
HGNC:21549 6q22.1	---	0016020 // m	---	---
- 17p12	---	---	---	---
HGNC:4083 15q11.2-q12	0006810 // tr	0005886 // pl	0004872 // re	---
Ensembl:ENSC 5q23.2	0006810 // tr	---	---	---
HGNC:18444 11q21	0006417 // re	0005634 // nu	0003676 // nu	---
HGNC:19666 14q12	0016192 // ve	0005737 // cy	---	---

HGNC:3782 18p11	0007179 // tr:0005737 // cy 0004659 // pr---
HGNC:23502 Xq27.3	0007409 // ax 0016020 // m 0005515 // pr---
HGNC:21226 6p21.2-p21.1	--- 0016020 // m 0005515 // pr---
HPRD:17516 10q11.21	--- --- --- ---
HGNC:29235 4p16	--- --- --- ---
HGNC:21355 6p12.1	--- --- --- ---
HGNC:30387 17p13.2	0030704 // vit 0005576 // ex 0008316 // st---
HGNC:1389 19q34	0006810 // tr:0005886 // pl 0000166 // nL Calcium_regulation_in_cardi
HPRD:17342 20q13.33	--- --- --- ---
HGNC:14498 2p11.2-q11.2	0006412 // tr:0005622 // in: 0003723 // R---
HGNC:19417 19q13.31	0006350 // tr:0005622 // in: 0003676 // nL---
HGNC:16814 Xq21.3	0006350 // tr:0005634 // nL 0000166 // nL---
HGNC:23204 11q24	0030097 // hE 0005576 // ex 0005515 // pr---
- 2p21	--- --- --- ---
- 2p21	--- --- --- ---
HGNC:14576 13q34	0007242 // in: 0005622 // in: 0005085 // gu---
HGNC:2908 16q27	0001709 // ce 0005576 // ex 0005112 // N---
HGNC:7013 17q21	0001757 // sc 0005634 // nL 0003677 // DI---
HGNC:16036 2q32	--- 0005783 // er ---
HGNC:16277 11p15.4	--- 0005622 // in: 0005515 // pr---
HGNC:582 M 4p14-p13	0001764 // nE 0005634 // nL 0001540 // be---
HGNC:17217 21q22.3	0007275 // m 0005634 // nL 0003824 // ca---
HGNC:11203 16p13.3	0001701 // in 0005634 // nL 0003677 // DI---
HGNC:17313 3p21.31	0030308 // nE 0005634 // nL 0004428 // in---
HGNC:14355 1q42.2-q43	0006457 // pr 0005783 // er 0005515 // pr---
HGNC:18634 8p12	0006915 // aF 0016020 // m 0004872 // re---
HGNC:3113 18q21.1	0000080 // G: 0005634 // nL 0003677 // DI Cell_cycle_KEGG // GenMAP
HGNC:30295 17q12	0007264 // sn 0005622 // in: 0000166 // nL---
HGNC:23456 10q11.23	--- --- --- ---
HGNC:30796 12p12.3	0006397 // m 0005634 // nL 0004872 // re---
HGNC:7774 16q22.1	0001816 // cy 0005634 // nL 0003677 // DI---
HGNC:13079 -	0006350 // tr:0005622 // in: 0003676 // nL---
HGNC:8908 19q13	0005975 // ca 0001725 // st 0000287 // m---
HGNC:23813 10p13	--- 0005783 // er ---
HGNC:19286 12q23.1	0006468 // pr 0005737 // cy 0004672 // pr---
HGNC:29158 19p13.3	0002281 // m --- 0016564 // tr:---
- 12q24.21	--- --- --- ---
HGNC:33112 19p13.2	0006350 // tr:0005622 // in: 0003676 // nL---
HGNC:7219 18Xq28	0007165 // siF 0005622 // in: 0004385 // gu---
HGNC:29129 11q21	--- 0005576 // ex 0003676 // nL---
HGNC:13542 15q11.2	0006754 // A 0016020 // m 0000166 // nL---
HGNC:15858 20p11.23	--- 0005622 // in: 0008270 // zir---
HGNC:29650 16p13.3	0000079 // re 0000139 // G: 0000166 // nL---
HGNC:12019 16p13.3	0006508 // pr 0005576 // ex 0003824 // ca---
HGNC:25941 4q24	--- --- --- ---
HGNC:14211 10q23.2-q23.3	0006954 // in: 0005622 // in: 0005068 // tr:---
HGNC:12525 4p15.1	0001702 // ga --- 0003824 // ca---
HGNC:13709 1q42.11	0006629 // liF 0005624 // m 0005515 // pr---

HGNC:5951 11q23.2	0001913 // T	0005886 // pl	0005102 // re	---
HGNC:25464 11q13.4	0006810 // tr	0005737 // cy	---	---
HGNC:9287 17q12	0006350 // tr	0005737 // cy	0004860 // pr	---
HGNC:25960 Xq22.3	0006810 // tr	0005634 // n	0017056 // st	---
HGNC:18657 1p32.3	---	---	0005488 // bi	---
HGNC:16075 4q28	0006810 // tr	0000139 // G	0000166 // n	---
HGNC:4861 10q24.2	0001655 // ur	0000775 // ch	0000166 // n	Apoptosis // GenMAPP
HGNC:9343 1q21.1	---	---	---	---
HGNC:18850 7q21.3-q22.1	0008202 // st	0005783 // er	0004497 // m	Irinotecan_pathway_Pharm
HGNC:28037 2p11.2	---	---	0005515 // pr	---
- 14q32.2	---	---	---	---
HGNC:9661 15q24.2	0006470 // pr	0005737 // cy	0004721 // p	---
HGNC:2638 7q21.1	0008202 // st	0005783 // er	0004497 // m	Irinotecan_pathway_Pharm
HGNC:26889 4p16.3	0006350 // tr	0005622 // in	0003676 // n	---
HGNC:26115 1p34.2	---	---	---	---
HGNC:11337 Xp11.23	0006350 // tr	0005622 // in	0003676 // n	---
HGNC:11233 2p24-p21	0007049 // ce	0005634 // n	0000166 // n	---
HGNC:11521 12q13-q21	0007217 // ta	0005576 // ex	0005102 // re	---
HGNC:20363 14q24.3	0006464 // pr	0005622 // in	0016881 // ac	---
HGNC:28242 1p34.1	0009072 // ar	---	0003868 // 4-	---
HGNC:2469 1q32	---	0005634 // n	0005515 // pr	---
HGNC:23715 19q13.43	0006350 // tr	0005622 // in	0003676 // n	---
HGNC:15783 15q13.2	0007165 // si	0005622 // in	0005096 // G	---
HGNC:28157 4q21.23	0008152 // m	0005783 // er	0003841 // 1-	---
HGNC:27110 18q11.2	---	---	---	---
HGNC:31658 10q11.21	---	0016020 // m	---	---
HGNC:29090 18p11.32	0051276 // ch	0005694 // ch	0005515 // pr	---
HGNC:6658 11q23	0007049 // ce	---	---	---
HGNC:929 M 18q11	0005975 // ca	0005794 // G	0000287 // m	---
HGNC:30904 4q21.1	0006810 // tr	0000139 // G	0005488 // bi	---
HGNC:2891 10q11.2	0007275 // m	0005576 // ex	0004871 // si	---
HGNC:28508 5q11.2	---	---	---	---
HGNC:8979 15q13.1	0001953 // n	0005622 // in	0005158 // in	---
HGNC:20998 6p22.3	---	0005622 // in	---	---
HGNC:20512 14q13.2	0006350 // tr	0005634 // n	---	---
HGNC:15530 6q25-q26	0006355 // re	0005634 // n	0003700 // tr	---
HGNC:18585 17q22	---	0005737 // cy	0000166 // n	---
- 12q22	---	---	---	---
HGNC:3240 8p23-p21	0006350 // tr	0005622 // in	0003676 // n	---
HGNC:9218 13q31.1	0001967 // su	0005634 // n	0003677 // D	---
HGNC:33969 7p14.3	---	---	---	---
HGNC:26993 17p12	0006281 // D	0005634 // n	0008270 // z	---
HGNC:23520 10q21.2	0006810 // tr	0005886 // pl	0015293 // sy	---
HGNC:27829 8q22.1	---	0016020 // m	---	---
HGNC:11231 14q22.1	---	0000139 // G	0000166 // n	---
HGNC:23239 19q13.33	0006350 // tr	0005622 // in	0003676 // n	---
HGNC:6698 12p11-p13	0006897 // er	0005886 // pl	0004872 // re	---
HGNC:23432 9p22.2	0007165 // si	0016020 // m	0000155 // t	---

HGNC:26629	19p13.3	0006350 // tr:	0005622 // in:	0003676 // nL	---
HGNC:4126	N 12q21.3-q22	0005975 // ca	0000139 // Gc	0004653 // pc	---
HGNC:25241	3p21.31	---	0005739 // m	---	---
HGNC:25554	3q23	0006810 // tr:	0005739 // m	0005215 // tr:	---
HGNC:7786	N 19p13.3	0000122 // nL	0005622 // in:	0003677 // DI	---
HGNC:16869	Xq21.33-q22.2	---	0016020 // m	0005488 // bi	---
HGNC:28698	15q22.31	---	---	0003723 // R	---
HGNC:29329	19p13.11	0006810 // tr:	0016020 // m	0005216 // io	---
HGNC:33848	2q11.2	---	---	---	---
HGNC:8783	N 5q12	0007165 // si	0005625 // so	0003824 // ca	G_Protein_Signaling // Gen
HGNC:24474	5q31.1	0006729 // te	0005634 // nL	0004505 // pl	Glycogen_Metabolism // Ge
HGNC:9640	E 3q21.1	---	0005783 // er	0005515 // pr	---
HGNC:2211	N 21q22.3	0007155 // ce	0005576 // ex	0005515 // pr	---
HGNC:9824	N 12p13-p12.2	0000724 // dc	0005634 // nL	0003677 // DI	---
HGNC:17197	5q35.3	0006350 // tr:	0005622 // in:	0003676 // nL	---
HGNC:7745	N 1q32.2-q41	0006468 // pr	0005634 // nL	0000166 // nL	---
HGNC:16609	7q11.23	---	---	0008168 // m	---
Ensembl:ENSC	15q21.1	---	---	---	---
HGNC:15549	8p23-p22	---	---	---	---
HGNC:4397	N 22q11.2	0007186 // G-	0005634 // nL	---	---
HGNC:6052	N 7q31.3-q32	0006164 // pl	0005829 // cy	0003824 // ca	Nucleotide_Metabolism // G
HGNC:26168	17q25.1	---	---	0005488 // bi	---
HGNC:29379	1p31.3	---	---	0005509 // ca	---
HGNC:20202	12p13.33	0006810 // tr:	0016020 // m	0005216 // io	---
HGNC:14888	7q36.3	0006457 // pr	0005634 // nL	0001671 // A	---
HGNC:11189	13q34	0001764 // nL	0005634 // nL	0003677 // DI	---
HGNC:30361	15q24.2	0008033 // tR	0005634 // nL	0003676 // nL	---
HGNC:1073	N 6p24-p23	0001501 // sk	0005576 // ex	0005125 // cy	---
HGNC:13102	10p11.2	0006350 // tr:	0005622 // in:	0003676 // nL	---
HGNC:13028	18q22-q23	0006350 // tr:	0005622 // in:	0003676 // nL	---
HGNC:25655	11p13	---	0005737 // cy	---	---
HGNC:21100	6q26 6q26-q2	0006397 // m	0005634 // nL	0003723 // R	---
HGNC:29629	7q22.1	0006357 // re	0005634 // nL	0003700 // tr:	---
HGNC:7329	N 2p16	0000710 // m	0000790 // nL	0000166 // nL	---
HGNC:19039	7q32-q34	---	0016020 // m	0000166 // nL	---
HGNC:6515	N 13q11-q12	0000082 // G:	0000922 // sp	0000166 // nL	---
HGNC:13357	1p22	0006810 // tr:	0016020 // m	0005216 // io	---
HGNC:30668	Xq21.33-q23	---	0005576 // ex	---	---
HGNC:215	M 10q26.3	0006508 // pr	0005886 // pl	0004222 // m	---
HGNC:20064	12q22	0006511 // ut	0005634 // nL	0004221 // ut	---
HGNC:10909	2q32	0006810 // tr:	0005737 // cy	0005381 // ir	---
HGNC:29508	2p24	0007242 // in:	0005829 // cy	0016301 // kii	---
HGNC:7838	N 8p21	0006350 // tr:	0005634 // nL	0003677 // DI	---
HGNC:12940	19q13.2-q13.3	0006350 // tr:	0005622 // in:	0003676 // nL	---
-	-	---	---	---	---
-	1p36.12	---	---	---	---
HGNC:27465	12q13.13	0006350 // tr:	0005622 // in:	0003676 // nL	---
HGNC:16891	8q24.13	0006468 // pr	0005634 // nL	0004672 // pr	---

HGNC:28467|19q13.11 0006281 // DI 0005634 // nt 0003677 // DI ---  
HGNC:1511|1p36.3-p36.1 0006508 // pr 0005622 // in: 0004197 // cy Apoptosis // GenMAPP /// A  
HGNC:9600|1p31.1 0007165 // siξ 0005886 // pl: 0004871 // siξ GPCRDB\_Class\_A\_Rhodopsin  
HGNC:12970|19q13.2 0006350 // tr: 0005622 // in: 0003676 // nt ---  
HGNC:21595|6q21 0006974 // re 0005634 // nt --- ---  
HGNC:11860|15q24-q26 --- 0016020 // m --- ---  
HGNC:11572|5p13.2 0006412 // tr: 0005737 // cy 0000166 // nt ---  
HGNC:20772|16q24.3 0007017 // m 0005874 // m 0000166 // nt Circadian\_Exercise // GenM  
HGNC:11851|1q41-q42 0006954 // in: 0016020 // m 0004872 // re ---  
HGNC:11306|7q22-q31.1 0000245 // sp 0005634 // nt 0000166 // nt mRNA\_processing\_Reactom  
HGNC:244|M 2p14-p13 0030036 // ac 0005737 // cy 0003779 // ac ---  
- 22q13.31 --- --- --- ---  
HGNC:14874|15q23 0007275 // m 0001669 // ac --- ---  
HGNC:12032|9q34 0002726 // pc 0005737 // cy 0004871 // siξ Apoptosis // GenMAPP /// A  
HGNC:17226 22q11.21 --- --- --- ---  
HGNC:9721|17q25.3 0006561 // pr 0005739 // m 0003824 // ca ---  
HGNC:17192|11q24.2 0006954 // in: 0005737 // cy 0004872 // re ---  
- 7q36.1 --- --- --- ---  
HGNC:5130|12q13.3 0006350 // tr: 0005634 // nt 0003677 // DI ---  
- 3p25.3 --- --- --- ---  
HGNC:25802|12q13.12 --- 0016020 // m 0031072 // he ---  
HGNC:16992|1p22.2 --- 0016020 // m 0005515 // pr ---  
HGNC:12471|3p21 0006464 // pr --- 0000166 // nt Proteasome\_Degradation //  
HGNC:19285|1q24.2 0006468 // pr 0005634 // nt 0004672 // pr ---  
HGNC:14058|19p13 0006397 // m 0005634 // nt 0000166 // nt ---  
HGNC:23837|12q23.1 0006810 // tr: 0016020 // m 0005216 // io ---  
HGNC:25535|9q31.2 0006810 // tr: 0005783 // er 0005216 // io ---  
HGNC:30899|7q22.1 --- --- --- ---  
HGNC:18431|14q24.3 0000038 // ve 0005737 // cy 0004091 // ca ---  
- 5p15.33 --- --- --- ---  
HGNC:13659|5q35 0006468 // pr 0005634 // nt 0000166 // nt mRNA\_processing\_Reactom  
HGNC:15864|20p13 0006464 // pr 0005622 // in: 0005515 // pr ---  
HGNC:13308|16p12 0007165 // siξ 0005886 // pl: 0004871 // siξ GPCRDB\_Class\_C\_Metabotr  
HGNC:25759|2p13.1 --- --- 0005488 // bi ---  
HGNC:8980|19q13.2-q13.4 0007165 // siξ 0005622 // in: 0005515 // pr G13\_Signaling\_Pathway // G  
HGNC:664|M 14q24.1-q24.3 0000050 // ur 0005739 // m 0004053 // ar ---  
HGNC:17616|3p14.3 --- 0000139 // Gc 0004872 // re ---  
HGNC:29800|1p33 --- --- 0005515 // pr ---  
HGNC:25585|16q12.2 0019538 // pr 0005634 // nt 0005506 // irc ---  
HGNC:13723|16q21-q22.3 0000122 // ne 0005622 // in: 0003676 // nt ---  
HGNC:30541|16p12.3 --- 0005622 // in: 0000287 // m ---  
HGNC:10576|19q13.3 0008284 // pc 0005576 // ex 0005488 // bi ---  
HGNC:11024|21q22.3 0006810 // tr: 0016020 // m 0005351 // su ---  
HGNC:18043|10p13 0006260 // DI 0005634 // nt 0005515 // pr ---  
HGNC:2973|12p11.21 0007006 // m 0005737 // cy 0000166 // nt ---  
HGNC:1745|1p22 0000082 // G: 0005634 // nt 0000166 // nt Cell\_cycle\_KEGG // GenMAP  
HGNC:12995|6p21.3 --- 0005622 // in: 0003676 // nt ---  
HGNC:25143|4q24 0006810 // tr: 0005739 // m 0015078 // hy ---

HGNC:24054|15q14 0001675 // ac 0001669 // ac 0005515 // pr ---  
HGNC:6207|17q21 0007155 // ce 0005624 // m 0005488 // bi ---  
HGNC:30402|3q12 0006508 // pr 0005622 // in 0008233 // pe ---  
HGNC:700|M 1q21 --- --- --- ---  
HGNC:29172|15q25.1 --- 0016020 // m --- ---  
HGNC:19741|14q21.2 --- --- 0005515 // pr ---  
- 2q33.3 --- --- --- ---  
HGNC:933|M 11q23.2-q23.3 0006508 // pr 0005624 // m 0004175 // er ---  
HGNC:4963|6p21.3 0002474 // ar 0016020 // m 0032393 // M Proteasome\_Degradation //  
HGNC:7160|14q11-q12 0001503 // os 0005578 // pr 0004222 // m Matrix\_Metalloproteinases /  
HGNC:12652|19q13.2-q13.3 0001843 // ne 0005737 // cy 0003779 // ac Integrin-mediated\_cell\_adhe  
HGNC:32370|15q14-q15.1 0007165 // sig 0005886 // pl 0004871 // sig GPCRDB\_Other // GenMAPP  
HGNC:17208|9q22.31 0006810 // tr 0005737 // cy 0005515 // pr ---  
HGNC:19358|22q13.33 0006457 // pr 0005783 // er 0000009 // al ---  
HGNC:33843|9q34.3 0007275 // m --- --- ---  
HGNC:2554|13q34 0000082 // G 0031461 // cu 0005515 // pr ---  
HGNC:25555|12q23.3 0008277 // re 0005737 // cy 0001965 // G ---  
HGNC:20793|10q11.21 0007049 // ce --- 0005515 // pr ---  
HGNC:13658|12q22|12q22 0016322 // ne 0005576 // ex 0005515 // pr ---  
HGNC:23115|3q13.33 0006350 // tr 0005634 // nl 0005515 // pr ---  
HGNC:19146|7q11.23 --- --- --- ---  
HGNC:33510|12q13.13 --- --- --- ---  
HGNC:11641|10q25.3 0001568 // bl 0005634 // nl 0003677 // DI ---  
HGNC:23692|2q37.3 0007165 // sig 0005886 // pl 0004871 // sig GPCRDB\_Class\_A\_Rhodopsin  
HGNC:30422|4q21.1 0000902 // ce 0005737 // cy 0003779 // ac ---  
HGNC:23428|10q23.32 --- 0005576 // ex 0019838 // gr ---  
HGNC:14082|7p15-p14 0000910 // cy 0005634 // nl 0003779 // ac ---  
HGNC:19829|14q13.2 --- --- --- ---  
HGNC:15956|12q12 0006810 // tr 0016020 // m 0005215 // tr ---  
HGNC:6862|3p21 0007026 // ne 0005874 // m 0005198 // st ---  
HGNC:6546|1q42.2 0006486 // pr 0000139 // G 0005515 // pr ---  
HGNC:33391|6q22.1 --- 0016020 // m --- ---  
HGNC:20647|19q13.43 0006350 // tr 0005622 // in 0003676 // nl ---  
HGNC:26047|Xq26.3 --- --- --- ---  
HGNC:13553|3q27 0006754 // A 0005637 // nl 0000166 // nl ---  
HGNC:18042|4q13.3 0006397 // m 0005737 // cy 0004518 // nl ---  
HGNC:21259|12p11 0030308 // ne 0005737 // cy --- ---  
HGNC:20342|Xq13.3 0016188 // sy 0016020 // m 0008270 // zir ---  
HGNC:17885|7q21 0006810 // tr 0005768 // er 0003824 // ca ---  
HGNC:23728|10p14 --- --- --- ---  
HGNC:29203|16p13.3 0032313 // re 0005622 // in 0005096 // G ---  
HGNC:19962|14q22.3 --- --- --- ---  
HGNC:23517|10q24.2 0055114 // ox --- 0016491 // ox ---  
HGNC:3233|19q12 --- 0016020 // m 0005198 // st ---  
HGNC:619|M 22q12 0006629 // lip 0005576 // ex 0005102 // re ---  
HGNC:29190|22q13.1 --- 0005634 // nl 0000166 // nl ---  
HGNC:18239|16p12.1 0007165 // sig 0005622 // in 0005096 // G ---  
HGNC:24118|3q21 0016477 // ce 0005634 // nl 0003950 // N ---

HGNC:20327 13q31.1	---	---	0000166 // nL---
HGNC:4934 16p21.3	0002504 // ar	0005622 // in	0000166 // nL Circadian_Exercise // GenM/
HGNC:16759 19q13.43	0006350 // tr:	0005622 // in:	0003676 // nL---
HGNC:3166 19q31.3	0000187 // ac	0005886 // pl:	0001619 // ly: Small_ligand_GPCRs // GenN
HGNC:2032 13q28-q29	0007155 // ce	0005886 // pl:	0005198 // st---
HGNC:2993 11q21q22.1	0007275 // m	0005634 // nL---	---
HGNC:24119 16p12.3	0006810 // tr:	0008021 // sy	0005215 // tr:---
HGNC:13328 10q23.31	---	---	0005488 // bi---
HGNC:26776 5q14.1	0006397 // m	0005634 // nL	0004652 // pc---
HGNC:6636 11q21.2-q21.3	0006998 // nL	0005626 // in:	0005198 // st---
HGNC:26620 1p12	---	0005737 // cy	0005515 // pr---
HGNC:2498 11q18q23	0006470 // pr	0005622 // in:	0003899 // DI---
HGNC:20870 6q21	---	0005634 // nL	0005515 // pr---
HGNC:33340 2p25.3	---	0005737 // cy---	---
HGNC:10249 3p12	0006935 // ch	0005887 // in:	0004872 // re---
HGNC:28974 22q13.31	0006464 // pr---	---	0004835 // tu---
HGNC:17883 17q21.31 17c	0007049 // ce	0005634 // nL	0003676 // nL---
HGNC:21067 17p13.3	---	---	0005488 // bi---
HGNC:1552 11q17q25.3	0006333 // ch	0000785 // ch	0003677 // DI---
-	-	---	0005576 // ex---
HGNC:3337 11q19p13.1	0007165 // siq	0005886 // pl:	0004871 // siq GPCRDB_Class_B_Secretin-li
HGNC:12401 6q13-q21	0006468 // pr	0005819 // sp	0000166 // nL---
HGNC:3444 11q19q13	0006350 // tr:	0005634 // nL	0003677 // DI---
HGNC:8140 11q13q28-q29 3q2	0000266 // m	0005739 // m	0000166 // nL---
HGNC:2020 11q13q27-q28	0006810 // tr:	0016020 // m	0005216 // io---
HGNC:13047 19p12	0000122 // nL	0005622 // in:	0003676 // nL---
HGNC:26571 15q26.3	0016998 // ce	0016020 // m---	---
HGNC:26179 1q44	0006350 // tr:	0005622 // in:	0003676 // nL---
HGNC:6866 11q21.2-q12	0006468 // pr---	---	0000166 // nL---
HGNC:26217 Xq22.3	---	0016020 // m---	---
HGNC:21751 7p14.3	---	---	0005515 // pr---
HGNC:17284 7q31.33	0000723 // te	0000781 // ch	0003677 // DI---
-	2q11.1	---	---
-	17q21.31	---	---
NA	NA	---	---
HGNC:18125 2p21	0006810 // tr:	0001669 // ac	0008553 // hy---
HGNC:13067 7q11.21	0006350 // tr:	0005622 // in:	0003676 // nL---
HGNC:28349 16p13.13	0006260 // DI	0005634 // nL	0003677 // DI---
HGNC:10522 16p13.11	0006629 // liq	0005739 // m	0000166 // nL---
HGNC:171 M	2q23-q24	0000082 // G:	0005887 // in:
HGNC:5012 11q5q33.2-qter	---	0005737 // cy	0004872 // re---
HGNC:19236 2q21.1	---	0016020 // m	0005515 // pr---
HGNC:21148 3p24.3	0019941 // m	0005737 // cy	0005515 // pr---
HGNC:8952 11q18q21.3	---	0005576 // ex	0004866 // er---
HGNC:1952 11q14q3	0006464 // pr	0005886 // pl:	0004435 // pl Calcium_regulation_in_cardi
HGNC:11456 2q11.1-q11.2	0009308 // ce	0005737 // cy	0008146 // su---
HGNC:2675 E	15q22.31	0006468 // pr	0005737 // cy
HGNC:970 M	2q31.1	0001947 // hL	0005622 // in:

HGNC:3244 12p21	---	0005634 // n1	0000166 // n1	---
HGNC:393 M 1q43-q44	0006468 // pr	0005737 // cy	0000166 // n1	Integrin-mediated_cell_adhe
HGNC:1990 13q14	0006915 // a1	0005737 // cy	---	---
HGNC:11812 7q32-q34	0006350 // tr:	0005622 // in:	0003677 // DI	---
HGNC:5226 12q22.3	0006366 // tr:	0005829 // cy	0005488 // bi	---
HGNC:27568 17q24.2	---	---	0005515 // pr	---
HGNC:19665 6q24.3	0006810 // tr:	0005737 // cy	---	---
HGNC:21575 6q23.3	---	---	---	---
HGNC:25477 15q25.3	0019941 // m	0005634 // n1	---	---
HGNC:26489 4q31.3	---	0016020 // m	---	---
HGNC:24614 3q21.3	0001514 // se	0005634 // n1	0000049 // tR	---
HPRD:14643 4q34.3	---	---	---	---
HGNC:24721 5q22.2	---	---	0000166 // n1	---
HGNC:6944 13q21	0006260 // DI	0000785 // ch	0000166 // n1	Cell_cycle_KEGG // GenMAP
- 19q13.13	---	---	---	---
HGNC:2428 12p13.1	0000122 // n1	0005634 // n1	0003676 // n1	---
HGNC:8824 17p13.1	0007275 // m	0005576 // ex	0004867 // se	---
HGNC:8978 7q22.3	0006468 // pr	0005942 // p1	0004428 // in:	---
HGNC:29786 8p21.2	0006810 // tr:	0005739 // m	0005488 // bi	---
HGNC:25564 3p26.1	0007059 // ch	0005622 // in:	0000166 // n1	---
HGNC:24535 8q22.3	0006364 // rR	0005634 // n1	---	---
HGNC:20964 19q13.11	0006350 // tr:	0005634 // n1	0008270 // z1	---
HGNC:4851 4p16.3	0000050 // ur	0005625 // so	0003714 // tr:	---
HGNC:4650 13q21-q24	0006350 // tr:	0005634 // n1	0003702 // R1	RNA_transcription_Reactom
HGNC:28458 16p11.2	---	---	---	---
HGNC:3430 17q11.2-q12	0006468 // pr	0005576 // ex	0000166 // n1	---
HGNC:30951 19q13.41	0006350 // tr:	0005622 // in:	0003676 // n1	---
HGNC:5271 11q13	0006457 // pr	0005624 // m	0031072 // h1	---
HGNC:216 M 8p11.22	0000186 // ac	0005576 // ex	0004222 // m	---
HGNC:6486 7q22	0007155 // ce	0005576 // ex	0005198 // st:	Inflammatory_Response_Pai
HGNC:6906 19p13.3	0006468 // pr	0005634 // n1	0000166 // n1	---
HGNC:3591 13q32.2	0035023 // re	0005622 // in:	0005085 // g1	---
HGNC:26551 3q22.3	---	0005622 // in:	0005515 // pr	---
HGNC:2079 8p23	0001306 // a1	0005783 // er	---	---
HGNC:6164 13q33	0007165 // si1	0005634 // n1	0008083 // gr	---
HGNC:3703 2q12-q14	0006350 // tr:	0005634 // n1	0003713 // tr:	---
HGNC:11522 8p11.22	0000226 // m	0005634 // n1	0005515 // pr	---
HGNC:28147 11q13.1	0006413 // tr:	---	0003723 // R1	---
HGNC:10434 14q31-q32.1	0006355 // re	0005634 // n1	0000166 // n1	---
HGNC:26088 1p36.13	---	0005737 // cy	---	---
HGNC:21045 17q24.2	0006810 // tr:	0005622 // in:	0008289 // li1	---
HGNC:13192 7q22	0000085 // G:	0005634 // n1	0003677 // DI	---
HGNC:1090 6p12.1	0001707 // m	0005604 // b1	0003779 // ac	---
HGNC:6912 5q31.2	---	0005622 // in:	0000166 // n1	---
HGNC:20062 17q25.3	0006511 // u1	0005634 // n1	0004221 // u1	---
HGNC:13875 7q31	0000122 // n1	0005622 // in:	0003676 // n1	---
HGNC:16019 21q21.3	---	---	---	---
HGNC:3576 11q12-q13.1	0006629 // li1	0005624 // m	0005506 // ir1	---



HGNC:28866	17q21.32	0006417 // re	0005634 // nl	0000166 // nl	---
HGNC:7670	120q12	0006350 // tr:	0005634 // nl	0003713 // tr:	---
HGNC:25648	1q21.3	---	---	0005515 // pr	---
HGNC:1246	12p13	0006508 // pr	0005576 // ex	0003824 // ca	Complement_Activation_Cla
HGNC:3600	122q13.31	0044419 // in:	0005576 // ex	0005201 // ex	---
HPRD:14527	19q13.43	---	---	---	---
HGNC:18200	17q25.1	---	0005737 // cy	---	---
NA	NA	0006350 // tr:	0005622 // in:	0003676 // nl	---
HGNC:16935	3p25.3	0006464 // pr	0005737 // cy	0003824 // ca	---
HGNC:6896	11q41	0006468 // pr	0005737 // cy	0000166 // nl	---
HGNC:16639	16p13.3	0006397 // m	0005634 // nl	0003723 // R	---
HGNC:12340	8q24.12	0001501 // sk	0005622 // in:	0003677 // DI	---
HGNC:9457	18p11.2	---	0005622 // in:	---	---
HGNC:1938	122q13.33	0006629 // li:	0005739 // m	0004095 // ca	Fatty_Acid_Degradation // C
HGNC:30626	4q13.2	0006397 // m	0005634 // nl	---	---
HGNC:8104	15q13.1	0006461 // pr	0005829 // cy	0005198 // st	---
HGNC:24320	12q13.12	---	---	0003676 // nl	---
HGNC:26208	3q11.1	---	---	0008168 // m	---
HGNC:25216	8q24.21	---	---	---	---
HGNC:18643	19p13.11	0000398 // nl	0005622 // in:	0003676 // nl	mRNA_processing_Reactom
HGNC:23193	15q23	---	---	0003676 // nl	---
HGNC:9005	14q25-q27	0006355 // re	0005634 // nl	0003677 // DI	---
HGNC:7866	17q21-q22	0001501 // sk	0005576 // ex	0005515 // pr	TGF_Beta_Signaling_Pathwa
HGNC:283	M 4p16	0000187 // ac	0005768 // er	0004871 // sig	GPCRDB_Class_A_Rhodopsir
-	19q13.43	---	---	---	---
HGNC:24714	5q31.3	0006417 // re	0005737 // cy	0003723 // R	Translation_Factors // GenM
HGNC:7800	16p21.3	0001775 // ce	0005634 // nl	0005164 // tu	---
HGNC:6015	16p12.1-p11.2	0006955 // in:	0005576 // ex	0004872 // re	Inflammatory_Response_Pai
HGNC:6321	2p23	0007018 // m	0005871 // ki:	0000166 // nl	---
HGNC:7783	7p15-p14	0006350 // tr:	0005634 // nl	0003677 // DI	---
HGNC:23505	10q11.21	0042254 // ri:	0005634 // nl	0000166 // nl	---
HGNC:14237	22q11.2	---	---	---	---
HGNC:29529	3q26.32	0006350 // tr:	0005634 // nl	---	---
HGNC:20096	14q32.31	---	---	---	---
HGNC:30914	3p21.33	0044419 // in:	0005764 // ly:	---	---
HGNC:3762	120p11	0007155 // ce	0005578 // pr	0005057 // re	---
HGNC:23826	2q24.3	0006355 // re	0005634 // nl	0003677 // DI	---
HGNC:11772	9q22	0000186 // ac	0005886 // pl:	0000166 // nl	TGF_Beta_Signaling_Pathwa
HGNC:16105	20q13.11	---	---	---	---
HGNC:1054	18p21.3	0000910 // cy	0005737 // cy	0005515 // pr	---
HGNC:11152	15q26.3	0000398 // nl	0005634 // nl	0003676 // nl	mRNA_processing_Reactom
HGNC:21300	6p22.1	0008033 // tR	0005622 // in:	0004526 // ri:	---
HGNC:35245	22q13.33	---	---	---	---
HGNC:24527	4q35.1	---	---	---	---
-	9q13	---	---	---	---
HGNC:15698	1q21.3	0019941 // m	---	0000166 // nl	---
HGNC:919	M 6p21.3	0006486 // pr	0000139 // G:	0008378 // ga	Ribosomal_Proteins // GenM
HGNC:11640	2p11.2	0006325 // es	0005634 // nl	0003677 // DI	---

HGNC:17070 11p15	0016444 // sc 0005634 // nt 0003677 // DI---
HGNC:20149 14q24.3	0008152 // m 0005634 // nt 0003824 // ca---
HGNC:27994 19q13.12	---
HGNC:1864 16q22.1	0009056 // ca 0005783 // er 0004091 // ca Irinotecan_pathway_Pharmc
HGNC:26086 Xq24	--- 0016020 // m ---
HGNC:9230 19p13	--- 0005829 // cy 0003824 // ca---
HGNC:3490 7p21.3	0006350 // tr: 0005634 // nt 0003677 // DI---
HGNC:14079 4p14	0006810 // tr: 0005886 // pl 0004872 // re---
HGNC:27040 Xq11.1	0007276 // ga---
HGNC:26221 19p13.11	---
HGNC:8108 Xq25-q26.1	0006629 // liq 0005622 // in: 0004437 // in:---
HGNC:24808 12q	--- 0005622 // in: 0005515 // pr---
HGNC:1546 11q13.5	0006950 // re 0005783 // er 0004867 // se---
- 18q12.2	0002378 // in: 0005576 // ex 0004653 // pc---
HGNC:9453 22q11.21	0006537 // gl: 0005739 // m 0004657 // pr---
HGNC:31367 9q21-q22	0005975 // ca --- 0000166 // nt---
HGNC:11976 6p21.3	0006350 // tr: 0005576 // ex 0003677 // DI G1_to_S_cell_cycle_Reactor
HGNC:10738 5q23.1	0006915 // aq 0016020 // m 0004872 // re---
HGNC:25266 13q14.11	--- --- 0005515 // pr---
HGNC:7321 8q21	0006350 // tr: 0005634 // nt 0003677 // DI---
HGNC:12591 1p34	0006779 // pc 0005737 // cy 0004853 // ur Heme_Biosynthesis // GenM
HGNC:25016 1p36.33	0006397 // m 0005634 // nt 0004721 // pl---
HGNC:4128 12q13	0006493 // pr 0000139 // Gc 0004653 // pc---
HGNC:1044 Xq28	--- 0005576 // ex 0005201 // ex---
HGNC:8522 14q21-q22	0006355 // re 0005634 // nt 0003677 // DI---
HGNC:25878 11p13-p12	---
HGNC:29222 1p22.2	0006350 // tr: 0005622 // in: 0003676 // nt---
HGNC:27337 11p14.3	0006810 // tr: 0005783 // er 0005216 // io---
HGNC:19308 17q25.1	0007155 // ce 0016020 // m 0005515 // pr---
HGNC:12367 12q13-q14	0006412 // tr: 0005622 // in: 0003711 // tr:---
HGNC:21706 7q22.1	0040008 // re 0005783 // er 0005488 // bi---
HGNC:16017 20p13	0006350 // tr: 0005622 // in: 0003676 // nt---
HGNC:28924 5q13.2	---
HGNC:6302 2p24	0006810 // tr: 0005886 // pl 0005216 // io---
HGNC:18757 5q15	--- 0005634 // nt 0003924 // G---
HGNC:16347 7q11.23	--- 0000139 // Gc 0004653 // pc---
HGNC:29181 16q24.3	0000122 // ne 0005634 // nt 0003677 // DI---
HGNC:9508 14q24.3	0006509 // m 0000139 // Gc 0004175 // er---
HGNC:6597 5p13-p12	0007166 // ce 0005576 // ex 0004872 // re---
HGNC:1078 2q33-q34	0001707 // m 0005886 // pl 0000166 // nt---
HGNC:20166 14q12	---
HGNC:19840 14q22.3	---
HPRD:08114 10q11.23	---
HGNC:11438 11q12.1	0006810 // tr: 0005634 // nt 0005484 // S---
HGNC:976 M 12p12.1	0000082 // G: 0005737 // cy 0003824 // ca---
HGNC:12011 9p13.2-p13.1	0043462 // re 0005737 // cy 0003779 // ac Striated_muscle_contractior
HGNC:8634 9q33-q34	0002087 // re 0005634 // nt 0003677 // DI---
HGNC:10473 1p36	0006350 // tr: 0005634 // nt 0003677 // DI TGF_Beta_Signaling_Pathwa

HGNC:7413 19p21	0006139 // nL 0005737 // cy 0003824 // ca---
HGNC:7128 14q24.3	0006281 // DI 0000793 // cc 0003682 // ch---
NA NA	0000226 // m 0005874 // m --- ---
HGNC:11284 5p15	0006629 // liç 0005737 // cy 0003865 // 3- ---
HGNC:1744 17q21.3	0000076 // DI 0005634 // nL 0000166 // nL Cell_cycle_KEGG // GenMAP
HGNC:20774 19p13.3	0007017 // m 0005874 // m 0000166 // nL Circadian_Exercise // GenM
HGNC:21080 6q11.1-q22.3	0008033 // tR --- 0003676 // nL ---
HGNC:11219 5q31.3-q32	0001503 // os 0005576 // ex 0005507 // cc---
HGNC:939 M 10q25.2-q26.2	0006457 // pr 0005829 // cy 0005515 // pr---
HGNC:21746 10q23.32	--- --- 0000166 // nL ---
HGNC:854 M 8p22-p21	0006810 // tr: 0012505 // er 0015078 // hy---
HGNC:6714 12p22-p21	--- 0005576 // ex 0005024 // tr: TGF_Beta_Signaling_Pathwa
HGNC:13664 1p32-p31	0001707 // m 0005737 // cy 0003779 // ac---
HGNC:17153 1q21-q22	--- 0005634 // nL 0005070 // St---
HGNC:25317 22q11.21	--- 0016020 // m --- ---
HGNC:19097 8p12-p11	0006396 // Rf --- 0000166 // nL ---
HGNC:18621 13q14.11	0006810 // tr: 0000139 // Gr --- ---
HGNC:11119 7q32.3	0001570 // va 0005929 // cil 0004871 // siç GPCRDB_Other // GenMAPP
HGNC:3271 10q26	0001732 // fo 0005634 // nL 0003743 // tr: Translation_Factors // GenM
HGNC:30988 9p22.3-p22.2	0006350 // tr: 0005622 // in: 0008270 // zir---
HGNC:4318 12q14	0000122 // nL 0005622 // in: 0003676 // nL ---
HGNC:10897 3q26	0006366 // tr: 0005634 // nL 0000166 // nL TGF_Beta_Signaling_Pathwa
HGNC:20308 13q31.1	--- --- 0005515 // pr---
HGNC:3227 13q33	0001945 // lyi 0005886 // pl: 0005102 // re---
HGNC:8859 16p21.1	0006625 // pr 0005737 // cy 0000166 // nL ---
HGNC:19078 6p21.3	--- --- --- ---
HGNC:2063 1Xq28	0006810 // tr: 0005622 // in: 0005216 // io---
HGNC:20877 19p13.2	0006350 // tr: 0005622 // in: 0003676 // nL ---
HGNC:11335 Xp11.23-p11.2	0006350 // tr: 0005622 // in: 0003676 // nL ---
HGNC:31332 18p11.22	0006810 // tr: 0000139 // Gr 0000166 // nL ---
HGNC:18658 7q33	0000059 // pr 0005634 // nL 0005515 // pr---
HGNC:6112 1Xq28	0001959 // re 0005829 // cy 0000166 // nL ---
HGNC:23719 17q12	0006505 // GI 0000139 // Gr 0016788 // hy---
HGNC:3570 12q34-q35	0006629 // liç 0005739 // m 0000287 // m Fatty_Acid_Degradation // C
HGNC:9762 1q21.2	0006810 // tr: 0005737 // cy 0000166 // nL ---
HGNC:7900 17q21	0006508 // pr 0005634 // nL 0004177 // ar---
HGNC:630 M Xp22.3	0000902 // ce 0005737 // cy 0003779 // ac---
HGNC:951 M 4p16.1	0001501 // sk 0005634 // nL 0003677 // DI---
HGNC:7215 12q24.31	0000087 // M 0000139 // Gr --- ---
HGNC:25599 1q32.1	--- --- --- ---
HGNC:23041 6q21	0006744 // ut --- 0000010 // tr:---
HGNC:3059 15q23	0007165 // siç 0005576 // ex 0004872 // re Hypertrophy_model // GenL
HGNC:29284 12q13.12	0008152 // m 0005634 // nL 0003824 // ca---
HGNC:6561 12q13.1	0006915 // aç 0005576 // ex 0004871 // siç---
HGNC:8594 19p13.3	0006928 // ce 0005737 // cy 0031750 // D:---
HGNC:18329 2p23.1	--- --- --- ---
HGNC:27405 4q24	0007155 // ce 0005576 // ex 0005509 // ca---
HGNC:14676 3p21.31	--- --- 0005515 // pr---

HGNC:18022 8q22	0006915 // ar 0005634 // nl ---	---
HGNC:4757 16p21.3	0006334 // nl 0000786 // nl 0003677 // DI---	
HGNC:14980 8q21.13	0006810 // tr:---	0005515 // pr---
HGNC:14977 6q14.3	0006810 // tr:---	0004871 // sig---
HGNC:28512 11q14.1	---	---
HGNC:7857 17q21.31	0001701 // in 0005737 // cy 0003824 // ca---	
HGNC:28439 8p21.3	0006810 // tr: 0000815 // ES 0008565 // pr---	
HGNC:29434 1q25.1	---	0005737 // cy 0003676 // nl---
HGNC:25917 19q13.42	0006350 // tr: 0005622 // in: 0003676 // nl---	
HGNC:3249 E 17q21.2	0006412 // tr: 0005737 // cy 0003743 // tr: Translation_Factors // GenM	
HGNC:1077 14q22-q24	0001501 // sk 0005886 // pl 0000166 // nl Ovarian_Infertility_Genes //	
HGNC:8959 15q21-q22	0006506 // GI 0005783 // er 0000030 // m---	
HGNC:21050 6p22.3	0008152 // m 0016020 // m 0003824 // ca---	
HGNC:20157 14q12	0001843 // ne 0005622 // in: 0004842 // uk---	
Ensembl:ENSC 16p12.3	---	0005622 // in: 0000166 // nl---
HGNC:29292 Xq23	---	0005730 // nl 0005515 // pr---
NA NA	---	0016020 // m ---
HGNC:1516 11p13	0000302 // re 0005739 // m 0004046 // ar---	
HGNC:8681 15q31	0007155 // ce 0005886 // pl 0005509 // ca---	
HGNC:35155 5q12.1	---	0016020 // m 0005515 // pr---
HGNC:9580 15q24-q25.1	0007155 // ce 0005737 // cy 0003824 // ca---	
HGNC:29051 1pter-p22.1	---	0005509 // ca---
HGNC:2752 15q	0006350 // tr: 0005634 // nl 0003676 // nl---	
HGNC:11399 3p21.1	0006468 // pr 0005634 // nl 0000166 // nl---	
HGNC:31708 8q22.2-q23.1	0006897 // er 0005887 // in: 0004872 // re---	
HGNC:26678 5q11.2	0006350 // tr: 0005634 // nl 0003677 // DI---	
HGNC:10288 7p14.3	0007601 // vi: 0005634 // nl 0003676 // nl---	
HGNC:869 M Xq13.2-q13.3	0001568 // bl 0005624 // m 0000166 // nl---	
HGNC:16083 1p34.3	0007165 // sig 0005634 // nl 0004252 // se---	
HGNC:26282 11q21	---	0005515 // pr---
HGNC:23333 10p12.1	0006166 // pl 0005737 // cy 0004422 // hy---	
HGNC:29277 1q21.3	0006350 // tr: 0005622 // in: 0003677 // DI---	
HGNC:10592 11q23.3	0006810 // tr: 0001518 // vc 0005216 // io---	
HGNC:6399 1p35.1-p34.3	0006606 // pr 0005634 // nl 0005488 // bi---	
NA NA	0006350 // tr: 0005634 // nl 0003677 // DI Ovarian_Infertility_Genes //	
HGNC:5001 15q24	0006325 // es 0005634 // nl 0003677 // DI---	
- 22q11.21	---	---
HGNC:8793 15q25.3	0000160 // tv 0005737 // cy 0000156 // tv G_Protein_Signaling // GenM	
HGNC:14620 7q31.2	---	0008270 // zir---
HGNC:3316 13q13	0001817 // re 0005634 // nl 0003677 // DI---	
HGNC:13110 19p13.2	0006350 // tr: 0005622 // in: 0003676 // nl---	
HGNC:4379 19p13.3	0001501 // sk 0005737 // cy 0000166 // nl Calcium_regulation_in_cardi	
HGNC:25632 16p13.12	---	0016787 // hy---
HGNC:23226 19q13.43	0006350 // tr: 0005622 // in: 0003676 // nl---	
HGNC:16508 12q14.3	0006810 // tr: 0005634 // nl 0005085 // gu---	
HGNC:11397 4q28	0006468 // pr ---	0000166 // nl---
HGNC:4277 13q11-q12	0006810 // tr: 0005886 // pl---	---
HGNC:13096 10p11.2	0006350 // tr: 0005622 // in: 0003676 // nl---	

HGNC:2352|10p11.21 0006350 // tr:0005634 // nt 0003677 // DI---  
 HGNC:6485|20q13.2-q13.3 0007155 // ce 0005576 // ex 0005102 // re Inflammatory\_Response\_Pa  
 HGNC:4114|11q13.3 0006939 // sn 0005576 // ex 0005179 // hc---  
 HGNC:21767 7p22.1 --- --- --- ---  
 HGNC:6984|6p25-p24|18c 0006108 // m 0005739 // m 0003824 // ca---  
 HGNC:20636|19q13.42 0006350 // tr:0005622 // in: 0003676 // nt ---  
 HGNC:14946|7q21.3 0007015 // ac 0005737 // cy 0003779 // ac---  
 HGNC:28116|1p36.33 0046836 // gl 0005737 // cy 0017089 // gl---  
 HGNC:10317|17q11 --- --- --- ---  
 - 17q25.3 --- --- --- ---  
 HGNC:14064|Xp11.23 0000209 // pr 0000118 // hi: 0003779 // ac Cell\_cycle\_KEGG // GenMAP  
 HGNC:3247|3q26.3-q28 0006629 // li: 0005739 // m 0003824 // ca Mitochondrial\_fatty\_acid\_be  
 HGNC:17722|2p14 0000188 // in: 0005737 // cy 0005173 // st---  
 - 6q12 --- --- --- ---  
 HGNC:496|M 21q22.3 0006468 // pr 0005737 // cy 0000166 // nt ---  
 - 5q11.2 --- --- --- ---  
 HGNC:29237|Xp22.32 --- --- --- ---  
 HGNC:12876|1q21 0006810 // tr:0005624 // m 0005385 // zit---  
 HGNC:23231|1p35.1 0006658 // pl 0016020 // m ---  
 HGNC:9910|Xq26.3 0000398 // nt 0005634 // nt 0000166 // nt ---  
 HGNC:33886|7q11.23 --- --- 0005488 // bi ---  
 HGNC:25815|3q22.2 --- 0005813 // ce 0005515 // pr ---  
 HGNC:18019|6pter-p22.3 --- --- 0003677 // DI---  
 HGNC:19165|13q22.2 0032313 // re 0005622 // in: 0005096 // G---  
 HGNC:5045|19q13.2 0000398 // nt 0005634 // nt 0000166 // nt mRNA\_processing\_Reactom  
 HGNC:25055|22q13.2 --- 0005739 // m ---  
 HGNC:17084|14q23.2 0006350 // tr:0005634 // nt 0003677 // DI Nuclear\_Receptors // GenM.  
 HGNC:19245|5q11.2 0006810 // tr: 0012505 // er 0005515 // pr ---  
 HGNC:4601|17q21.32 0007165 // sig 0005576 // ex 0005125 // cy ---  
 HGNC:28286|17q12 0030154 // ce 0005634 // nt 0000166 // nt ---  
 HGNC:29397|12q24.31-q24 --- 0016020 // m ---  
 HGNC:19262|14q24.2 --- 0005576 // ex 0004222 // m ---  
 HGNC:2053|12p13-p12 --- 0005634 // nt 0005488 // bi ---  
 HGNC:22140|7p22.3 --- 0005576 // ex 0005509 // ca ---  
 HGNC:32954|2p24.1 --- --- 0005488 // bi ---  
 HGNC:26976|10q22.1 --- --- --- ---  
 MIM:611969|11p15.5 --- 0005634 // nt 0005515 // pr ---  
 HGNC:3189|6q14.1 0006412 // tr: 0005737 // cy 0000166 // nt ---  
 HGNC:2351|E 1q24 0006357 // re 0005576 // ex 0003702 // RI---  
 HGNC:11086|4p15.2 --- --- --- ---  
 HGNC:13867|Xp22.1-p21.3 0006897 // er 0005634 // nt 0005515 // pr ---  
 HGNC:7230|11q21 0000019 // re 0005634 // nt 0000014 // sir---  
 HGNC:13009|20q13.2 0006350 // tr: 0005622 // in: 0003676 // nt ---  
 HGNC:25723|1q32.3 --- --- --- ---  
 - 15q26.1 --- --- --- ---  
 HGNC:22407|7p21.3 --- 0016020 // m ---  
 HGNC:20750|9p22.3 --- 0016020 // m 0008270 // zit---  
 HGNC:5007|5p14-p13 0006629 // li: 0005625 // so 0003824 // ca Cholesterol\_Biosynthesis //

HGNC:30248 5q33.1	---	0016020 // m	---
HGNC:15664 13q32.1	0006486 // pr	0005783 // er	0003980 // UI
HGNC:19037 5q12.3	0006468 // pr	0005737 // cy	0000166 // nL
HGNC:9300 8p12	0006470 // pr	0000159 // pr	0004721 // pL Circadian_Exercise // GenM
HGNC:24953 17q21.31	0000122 // nE	0005634 // nL	0004861 // cy
HGNC:28591 17q21.31	0000122 // nE	0005634 // nL	0004861 // cy
HGNC:3296 3q27-qter	0006412 // tr:	0005737 // cy	0003723 // R Translation_Factors // GenM
HGNC:3670 Xq26.3	0000165 // M	0005634 // nL	0005515 // pr
HGNC:28775 12q13.1	---	0005783 // er	---
HGNC:9275 14q23.1	0006470 // pr	0005624 // m	0000287 // m
HGNC:4746 6p21.3	0006334 // nL	0000786 // nL	0003677 // DI
HGNC:17582 10q22.2	0006334 // nL	0000786 // nL	0003677 // DI
HGNC:30457 15q26.1	---	---	---
HGNC:13054 Xq13.1	0007275 // m	0005634 // nL	0003677 // DI
HGNC:25237 20p12	0006810 // tr:	0005739 // m	---
HGNC:29003 15q22.31	---	0005622 // in:	0008270 // zir
HGNC:4175 15q21.1	0006601 // cr	0005737 // cy	0015068 // gl
HGNC:32310 8q22.1	---	---	0000166 // nL
HGNC:20853 5q33.3	---	0016020 // m	0005515 // pr
HGNC:19858 14q32.11	---	---	0005488 // bi
HGNC:30544 3q27.2	---	0016020 // m	---
HGNC:19441 3q11.2	0042254 // rit	0005634 // nL	---
HGNC:8740 16q24.3	0006350 // tr:	0000794 // cc	0005515 // pr
HGNC:4473 12p12.3	0007165 // siξ	0005886 // pl:	0004871 // siξ
HGNC:1014 22q11 22q11	0006468 // pr	0005622 // in:	0004674 // pr
HGNC:21905 7p22-p21	---	---	---
HGNC:13012 10q11	0006350 // tr:	0005622 // in:	0003676 // nL
HGNC:3360 1q21.3	0006810 // tr:	0005737 // cy	0005102 // re
HGNC:21335 7p21.1	0006810 // tr:	---	0004871 // siξ
HGNC:18505 17q22	---	0005886 // pl:	0005515 // pr
HGNC:13533 13q12	0006754 // A	0016020 // m	0000166 // nL
HGNC:30812 2q33.1	0007049 // ce	0000775 // ch	0005515 // pr
HGNC:1985 12q24	0000086 // G:	0005622 // in:	0000166 // nL G13_Signaling_Pathway // G
HGNC:11004 11q13	0006139 // nL	0005634 // nL	0005337 // nL
HGNC:10432 Xp22.2-p22.1	0001501 // sk	0005634 // nL	0000166 // nL Ribosomal_Proteins // GenM
HGNC:21024 6p21.1	0001570 // va	0005680 // ar	0005488 // bi
HGNC:6746 17q21.31	---	---	0005525 // G
HGNC:11240 17q25.2	0006670 // sp	0005624 // m	0000166 // nL S1P_Signaling // GenMAPP
HGNC:7954 22q13.1	---	0005737 // cy	0004872 // re
HGNC:26078 12q24.23	---	0016020 // m	---
- Xq26.3	---	---	---
HGNC:6179 1q42.13	0007165 // siξ	---	0000166 // nL
HPRD:18772 2q11.2	---	---	---
HGNC:21257 6p21.1	---	---	---
HGNC:19048 1q31	0007049 // ce	0000922 // sp	0005516 // ca
HGNC:18182 12q24.13	0006810 // tr:	0016020 // m	0005216 // io
HGNC:9894 16q12.2	0006350 // tr:	0005634 // nL	0003677 // DI
HGNC:12435 9q31	0006810 // tr:	0005737 // cy	0005515 // pr

HGNC:11351 7q31.1-q31.3	---	0016020	// m	---	---
HGNC:11102 2q34-q35	0006259	// DI	0005634	// nL	0000166 // nL---
HGNC:29104 8p23.3	---	---	0005515	// pr	---
HGNC:25895 8q24.3	---	0005634	// nL	0003950	// N---
HGNC:2904 10q23	0007165	// si	0005622	// in	0005515 // pr---
HGNC:25804 10q22.3	---	0016020	// m	---	---
HGNC:15789 4q23	0006417	// re	0005737	// cy	0004177 // ar---
HGNC:8092 11p11.3-p11.2	0032313	// re	0005622	// in	0005096 // G---
Ensembl:ENSC19p13.12	---	0005737	// cy	0000166	// nL---
HGNC:6569 1q42-q43	---	0005615	// ex	0005529	// su---
HGNC:1131 1q32	0006281	// DI	0005634	// nL	0005515 // pr---
HGNC:23618 1p36.31	0007165	// si	0005886	// pl	0004871 // si---
HGNC:17085 2p13.2	0006810	// tr	0000145	// ex	---
HGNC:5145 2p25.1	---	---	0005509	// ca	---
HGNC:17609 1q32.1	0006915	// a	0005737	// cy	0005515 // pr---
HGNC:25056 1q24.1-q24.3	0007010	// cy	0009986	// ce	0003779 // ac---
HGNC:25949 19q13.43	0006350	// tr	0005622	// in	0003676 // nL---
HGNC:5235 14q24.1	0006950	// re	0005634	// nL	0000166 // nL---
MIM:607645 4p16.3	0007212	// dc	0000139	// G	0050780 // dc---
HGNC:6446 12q13	0006915	// a	0005737	// cy	0005198 // st---
HGNC:18173 5q15	0001525	// ar	0005576	// ex	0004177 // ar---
HGNC:7410 14q32.3	0006355	// re	0005634	// nL	0003677 // DI---
HGNC:172 M12q13	0000082	// G	0005887	// in	0000166 // nL---
HPRD:1839512p13.31	---	---	---	---	---
HGNC:11358 2q23.3	0006810	// tr	0005737	// cy	0005515 // pr---
HGNC:24063 2p22.1	0005975	// ca	0005737	// cy	0003824 // ca---
HGNC:21 MIM17q25.3	0006468	// pr	0005737	// cy	0000166 // nL---
HGNC:12984 6p21.3	0006350	// tr	0005622	// in	0003676 // nL---
HGNC:10001 1q23.1	0008277	// re	0005737	// cy	0004871 // si
HGNC:8620 11p13	0001654	// e	0005634	// nL	0003677 // DI---
HGNC:24132 15q14	0006915	// a	0005737	// cy	0005515 // pr---
HGNC:4733 6p21.3	0006334	// nL	0000786	// nL	0003677 // DI---
MIM:609544 16p12.3	0032465	// re	0005813	// ce	0005515 // pr---
HGNC:8614 12q21	0000122	// n	0005634	// nL	0003714 // tr---
HGNC:11246 15q15.1	0001763	// m	0005576	// ex	0004866 // er---
HGNC:202 M2q33	0006508	// pr	0005576	// ex	0004222 // m---
HGNC:885 M20p13	0006954	// in	0005576	// ex	0004872 // re---
HGNC:23414 10q11.1	---	---	---	---	---
-15q21.2	---	---	---	---	---
HGNC:11108 7q35-q36	0003007	// h	0005634	// nL	0003713 // tr---
HGNC:2193 1p35-p34	0007155	// ce	0005576	// ex	0005178 // in---
HGNC:20887 2q22.3	0009058	// bi	---	0016740	// tr---
HGNC:4167 11p14.3-p15.2	0006915	// a	0005737	// cy	---
HGNC:400 M3q13.1	0007155	// ce	0009897	// ex	0005102 // re---
HGNC:17849 8p11.23	0007165	// si	0005886	// pl	0004871 // si---
NA	NA	---	---	---	---
HGNC:18041 4q21.21	0006468	// pr	0005634	// nL	0000166 // nL---
HGNC:29805 3p12-q12	0006350	// tr	0005634	// nL	---

HGNC:23416	10q11.23	---	---	---	---
Ensembl:ENSC	Xq27.1	---	---	---	---
HGNC:7531	N 16p13.1-p11.2	0006810 // tr:	0005634 // n:	0005515 // pr	---
HGNC:13071	22q12.2	0006350 // tr:	0005622 // in:	0003676 // n:	---
HGNC:16982	8p23.1	---	---	0005515 // pr	---
-	15q26.1	---	---	---	---
HGNC:8934	N 1q31	0006915 // a:	0005737 // cy	0005515 // pr	---
HGNC:6705	N 3q13.2-q21	0007155 // ce	0005886 // pl:	0005515 // pr	---
HGNC:21366	6q13	---	0016020 // m	0003723 // R	---
HGNC:30343	3q22.1	---	---	0005488 // bi	---
HGNC:12767	8p11.2	0006350 // tr:	0005634 // n:	0005515 // pr	---
HGNC:9811	N 8q24	0006281 // DI	0000228 // n:	0005515 // pr	---
HGNC:14129	6p21.31	0016568 // ch	0005634 // n:	0005515 // pr	---
HGNC:29022	22q11.23	0007049 // ce	---	---	---
HGNC:29198	3p21.31	---	---	---	---
HGNC:11748	12q13	0006350 // tr:	0005634 // n:	0003677 // DI	---
HGNC:24724	13q22.1	0007049 // ce	---	---	---
HGNC:23069	19q13.32	0006810 // tr:	0005783 // er	---	---
HGNC:23068	Xp22	0001501 // sk	0005622 // in:	0005515 // pr	---
HGNC:12440	19p13.2	0006468 // pr	0005634 // n:	0000166 // n:	---
HGNC:6134	N 5q11.2	0006412 // tr:	0005634 // n:	0000287 // m	Integrin-mediated_cell_adhe
HGNC:11060	8p22-p21.3	0002537 // pr	0005624 // m	0000064 // L-	---
HGNC:29944	4q35.1	0007165 // si:	0016020 // m	---	---
HGNC:11577	Xq28	0006936 // m	0005737 // cy	0008415 // ac	---
NA	NA	---	---	---	---
-	12q24.23	---	---	---	---
HGNC:5433	N 21q22.1 21q2	0006357 // re	0005576 // ex	0004872 // re	---
HGNC:18341	1p36.13	0006464 // pr	0005737 // cy	0004668 // pr	---
HGNC:18638	1p13.2	0006810 // tr:	0008021 // sy	0005215 // tr:	---
HGNC:12017	1q25	0006412 // tr:	0005634 // n:	0000166 // n:	Apoptosis_KEGG // GenMAP
-	6q22.1	---	---	---	---
HGNC:3578	N 1p33	0006915 // a:	0005634 // n:	0005515 // pr	---
HGNC:6855	N 17q23.3	0000165 // M	---	0000166 // n:	MAPK_Cascade // GenMAPP
HGNC:18079	1p35.1	0006350 // tr:	0005622 // in:	0003676 // n:	---
HGNC:8549	N 15q21.1	0006944 // m	0005737 // cy	0005515 // pr	---
HGNC:29285	16q22.1	---	---	---	---
HGNC:26802	1q42.12	0007242 // in:	0016020 // m	---	---
HGNC:2228	N 22q11.21-q11	0006584 // ca	0005625 // so	0000287 // m	Biogenic_Amine_Synthesis /
HGNC:1138	E 6p22.1	0006629 // li:	0016020 // m	---	---
HGNC:29061	3p22.3	0007155 // ce	0016020 // m	0005488 // bi	---
HGNC:26222	11p15.2	0006629 // li:	0005777 // p:	0003824 // ca	---
HGNC:11355	Xq25	0007049 // ce	0005634 // n:	0005488 // bi	---
HGNC:21053	6q22	0006810 // tr:	0005886 // pl:	0005351 // su	---
HGNC:18818	18q12.2	0006350 // tr:	0005622 // in:	0003676 // n:	---
HGNC:6835	N 15q13-qter	0007026 // n:	0005829 // cy	0003779 // ac	---
HGNC:21401	6q15-q16.1	---	0016020 // m	---	---
HGNC:20855	1p36.31	---	---	0003676 // n:	---
HGNC:26031	1p36.11	0006506 // GI	0005783 // er	0000030 // m	---



-	6p24.3	---	---	---	---
HGNC:29525	1p32.3	0000122	// nε	0005622	// in: 0003676 // nι---
HGNC:9601	1p13.1	---		0005783	// er 0004872 // re---
HGNC:6296	20q13.3	0006810	// tr:	0008076	// vc 0005216 // io---
HGNC:28270	19p13.3	---		0005634	// nι 0003676 // nι---
HGNC:6695	19q13.11	0006897	// er	0005905	// cc 0004872 // re---
HGNC:7137	6q27	0007155	// ce	0005737	// cy 0005515 // pr---
HGNC:37263	4q21.22	---	---	---	---
HGNC:30599	8q21.13	0006810	// tr:	0005737	// cy 0005515 // pr---
HGNC:34439	2p15	---		0016020	// m---
HGNC:11939	19p13.3	0006915	// aϕ	0005615	// ex 0005102 // re---
HGNC:17572	7p14.1	0007160	// ce	0005576	// ex 0005509 // ca---
HGNC:17155	9q33.2-q33.3	0007049	// ce	0005622	// in: 0004871 // siξ---
HGNC:29802	19p13.3	---		0005622	// in: 0005515 // pr---
HGNC:14540	12p13.3	0006468	// pr	0005625	// so 0000166 // nι---
HGNC:555	M 16q23	0006810	// tr:	0005737	// cy 0005215 // tr:---
HGNC:7979	4q31.1	0006350	// tr:	0005634	// nι 0003677 // DI---
HGNC:24814	1p34.2	0006350	// tr:	0005634	// nι 0003677 // DI---
HGNC:29858	17q11.2	0006350	// tr:	0005634	// nι 0000166 // nι---
HGNC:4384	7q21	0007165	// siξ	0005622	// in: 0000166 // nι---
HGNC:25768	1p35.1	0006468	// pr	0005634	// nι 0004672 // pr---
HGNC:11126	22q12.2	0006939	// sn	0005737	// cy 0003779 // ac---
HGNC:24501	16q22.1	0008219	// ce	0005622	// in: 0005085 // gu---
HGNC:12986	11p15.5	0006350	// tr:	0005622	// in: 0003676 // nι---
HGNC:25913	2q13	---		0016020	// m---
HGNC:30358	4p13-p12	---		0005634	// nι 0000166 // nι---
HGNC:1469	17p13.2	0006468	// pr	0005634	// nι 0000166 // nι---
HGNC:20879	16p13.3	0007165	// siξ	0005737	// cy 0005515 // pr---
HGNC:28279	19p13.3	---	---	---	---
HGNC:11192	1q32	0006350	// tr:	0005634	// nι 0003677 // DI---
HGNC:12805	2p23.1	0007595	// la:	0005777	// pε 0003824 // ca---
HGNC:18470	3p21.31	---		0000139	// Gϕ 0008270 // zir---
HGNC:1784	6p21.2	0000079	// re	0000307	// cy 0004860 // pr Cell_cycle_KEGG // GenMAP
HGNC:18250	6q27 Xq28	0006350	// tr:	0005634	// nι 0005515 // pr---
HGNC:11873	15q21.1-q21.2	---		0005737	// cy 0003779 // ac---
HGNC:28789	8p12	---		0016020	// m---
-	15q26.2	---	---	---	---
HGNC:10532	4q34.1	0000122	// nε	0000118	// hi: 0003714 // tr:---
HGNC:12269	3p21.31	0006260	// DI	0005634	// nι 0000287 // m---
HGNC:1107	14q22-q24	0000288	// nι	0005634	// nι 0003676 // nι---
HGNC:11460	12q13.2	0007584	// re	0005739	// m 0005506 // irc---
HGNC:29330	4q26	0001510	// R†	0005634	// nι 0008168 // m---
HGNC:13579	21q21.3	0006350	// tr:	0005634	// nι 0003677 // DI---
HGNC:95	MIM 3q25.31	0006810	// tr:	0005624	// m 0008521 // ac---
HGNC:870	M 13q14.3	0006754	// A†	0005624	// m 0000166 // nι---
HGNC:12863	9q32	0006350	// tr:	0005622	// in: 0003676 // nι---
HGNC:26306	8q24.13	---	---	---	---
HGNC:2021	4q33	0006810	// tr:	0000139	// Gϕ 0005216 // io---

HGNC:13853|6p22.1 0006350 // tr:0005622 // in:0003676 // nL---  
HGNC:6819|18q21 0002726 // pr:0005634 // nL0004197 // cy---  
HGNC:25531|12p11.22 0006629 // li:0005777 // pr:0003824 // ca---  
HGNC:8536|17p13.3 0006810 // tr:0005887 // in:0001614 // pl---  
HGNC:19880|2p23.3-p23.2 0007155 // ce:0005576 // ex:0005515 // pr---  
HGNC:13160|19p13.1-p12 0006350 // tr:0005622 // in:0003676 // nL---  
HGNC:23696|3q25.31 0006471 // pr:0005634 // nL0003676 // nL---  
HGNC:5109|17p15-p14 0006350 // tr:0005634 // nL0003677 // DI---  
HGNC:9053|19q13 0006928 // ce:0005576 // ex:0004872 // re---  
HGNC:28248|Xq28 --- 0005737 // cy--- ---  
HGNC:9851|E9p24.1 0006810 // tr:0005634 // nL0005488 // bi---  
HGNC:24149|1p36.33 0006350 // tr:0005634 // nL0003677 // DI---  
HGNC:6115|15q25.1 0006417 // re:0005737 // cy:0003723 // R---  
HGNC:14950|14q32.33 0006915 // ar:0005634 // nL0005515 // pr---  
HGNC:7644|1p34.1 0001824 // bl:0005634 // nL0005488 // bi---  
HGNC:20178|19q13.32 0000122 // ne:0005634 // nL0003677 // DI---  
HGNC:9393|17q22-q23.2 0000188 // in:0005624 // m:0000166 // nL Calcium\_regulation\_in\_cardi  
HGNC:1027|13q29 0008152 // m:0005739 // m:0003824 // ca Synthesis\_and\_Degradation\_  
HGNC:28449|11q13 --- --- --- ---  
HGNC:4452|Xq26.1 0008283 // ce:0005576 // ex:00043395 // he---  
HGNC:3331|Xq28 0006936 // m:0005634 // nL0005515 // pr---  
HGNC:10870|15q26 0005975 // ca:0000139 // G:0003828 // al---  
- 13q33.1 --- --- --- ---  
HGNC:20569|3q25.31 0006350 // tr:0005634 // nL--- ---  
HGNC:20908|13q32.1 0007275 // m:0005622 // in:0005515 // pr---  
HGNC:33234|19q13.1 --- --- 0005515 // pr---  
HGNC:20864|12q15 --- 0016020 // m--- ---  
HGNC:2060|14q28.3-q31.1 0006457 // pr:0005783 // er:0005509 // ca---  
HGNC:4594|3p21.2 0007165 // si:0005622 // in:0004871 // si:GPCRDB\_Class\_C\_Metabotr  
HGNC:23725|10p12.1|10p10007165 // si:0000139 // G:0005096 // G---  
HGNC:99|17q12 0006810 // tr:0005886 // pl:0005216 // io---  
HGNC:8001|21q11.2 0000122 // ne:0000118 // hi:0003713 // tr:Ovarian\_Infertility\_Genes //  
HGNC:24636|12q13 0030835 // ne:0001725 // st:0003779 // ac---  
HGNC:3231|1p21 0007156 // hc:0005737 // cy:0004871 // si:GPCRDB\_Other // GenMAPP  
HGNC:19972|14q32.13 --- 0005737 // cy:0003779 // ac---  
HGNC:33521|20q13.2 0000209 // pr:0005576 // ex:0004177 // ar---  
HGNC:28913|22q12.1 0006457 // pr:0005739 // m:0005515 // pr---  
HGNC:7981|2q22-q23 0006350 // tr:0005634 // nL0003677 // DI Nuclear\_Receptors // GenM.  
HGNC:6075|4q31.21 0007165 // si:--- 0016316 // pl---  
HGNC:1479|1q41-q42 0001666 // re:0005622 // in:0004197 // cy Integrin-mediated\_cell\_adhe  
HGNC:20329|13q34 0006810 // tr:0016020 // m:0015297 // ar---  
- 2q13 --- --- --- ---  
HGNC:9871|5q13.3 0000910 // cy:0001726 // ru:0005096 // G---  
HGNC:2202|13q34 --- 0005576 // ex:0005201 // ex---  
HGNC:13556|3q21 --- 0005737 // cy--- ---  
HGNC:6945|6p12 0006260 // DI:0005634 // nL:0000166 // nL Cell\_cycle\_KEGG // GenMAP  
HGNC:3512|8q24.11-q24.1 0001501 // sk:0000139 // G:0005515 // pr---  
HGNC:12784|3p21-p14 0007165 // si:0005576 // ex:0004871 // si:Wnt\_signaling // GenMAPP

HGNC:7960|Xp21.3-p21.2 0000122 // n 0005624 // m 0003677 // DI Nuclear\_Receptors // GenM.  
HGNC:25091|16q24.2 --- 0005634 // n 0003676 // n ---  
HGNC:19172|16q21 0006935 // ch 0005576 // ex 0005125 // cy ---  
HGNC:30494|3q13.2 0045449 // re 0005634 // n 0003677 // DI ---  
HGNC:24837|3p21.3 --- 0016020 // m --- ---  
HGNC:20296|13q14.2 0007286 // sp 0001669 // ac --- ---  
HGNC:25589|4q21.1 0007049 // ce 0001725 // st 0000166 // n ---  
HGNC:19391|17q25.3 0001932 // re --- 0004860 // pr ---  
HGNC:5210|17q11-q21 0006703 // es 0005737 // cy 0003824 // ca Steroid\_Biosynthesis // GenI  
HGNC:4458|19q13.1 0005975 // ca 0005615 // ex 0004347 // gl Glycolysis\_and\_Gluconeoger  
HGNC:30279|1q25.2 0007264 // sn 0005622 // in 0005085 // gu ---  
HGNC:37|MIM 19p13.3 0006810 // tr 0000139 // G 0000166 // n ---  
HGNC:6872|4q22.1-q23 0006468 // pr 0005737 // cy 0000166 // n Apoptosis // GenMAPP /// A  
HGNC:7803|9p13.3 0000122 // n 0005634 // n 0003676 // n ---  
HGNC:28150|22q13.33 --- 0005576 // ex 0005509 // ca ---  
HGNC:23175 14q11.2 --- --- --- ---  
HGNC:18668|1q21.3 0006350 // tr 0005622 // in 0003676 // n ---  
HGNC:17795|14q13-q23 0007165 // sig --- 0005515 // pr ---  
HGNC:1163|E 11q13-q22 --- 0005634 // n --- ---  
HGNC:11968|6pter-p12.1 --- 0005576 // ex 0005102 // re ---  
HGNC:16031|14q11.2 0006350 // tr 0005622 // in 0003677 // DI ---  
HGNC:13018|19q13.2 0006350 // tr 0005622 // in 0003676 // n ---  
HGNC:10299|6p21.3-p21.2 0006396 // R 0005622 // in 0003723 // R ---  
HGNC:15469|1pter-q31.3 --- --- 0004721 // p ---  
HGNC:8583|7q21.3-q22 0001300 // ch 0005576 // ex 0002020 // pr Blood\_Clotting\_Cascade // C  
HGNC:19369|12q12 0031424 // ke 0005634 // n --- ---  
HGNC:9009|4q21-q23 0006810 // tr 0005886 // pl 0005216 // io ---  
HGNC:29579|4q12 0007275 // m 0005737 // cy --- ---  
- 5q14.1 --- --- --- ---  
HGNC:5398|19p13.1 0019886 // ar 0005576 // ex 0016491 // ox ---  
- 21q22.3 --- --- --- ---  
HGNC:26597|11q13.4 --- --- --- ---  
HGNC:13222|14q32.2 0006350 // tr 0005622 // in 0003676 // n ---  
HGNC:20165|14q12 0015074 // DI 0016020 // m 0003676 // n ---  
HGNC:29029|20q11.23 --- --- 0005488 // bi ---  
HGNC:11038|21q22.12 0006020 // in 0005887 // in 0005215 // tr ---  
HGNC:11595|6q14-q15 0001756 // so 0005634 // n 0003677 // DI ---  
HPRD:13438 1q21.1 --- --- --- ---  
HGNC:33593|1q21.1 --- --- --- ---  
MIM:612296 11p13 --- --- --- ---  
HGNC:25983|2p23.3 --- 0016020 // m 0005515 // pr ---  
HGNC:28648|2q37.1 --- --- 0003723 // R ---  
HGNC:30222|12q 0006810 // tr 0005737 // cy 0017089 // gl ---  
HGNC:14076|1q21.3 0006355 // re 0005634 // n 0003677 // DI ---  
HGNC:28683|Xq22.1 0006350 // tr 0005634 // n 0003746 // tr ---  
HGNC:3582|16q24.3 0006281 // DI 0005634 // n 0005515 // pr ---  
HGNC:19703|15q24.1 0006468 // pr --- 0000166 // n ---  
HGNC:16111|20q11.23 --- --- --- ---

HGNC:3052|16p24 0008544 // er 0001533 // cc 0005198 // st ---  
HGNC:8063|15p13.1 0006810 // tr 0005634 // nt 0005215 // tr ---  
HGNC:15962|17q25.3 0006333 // ch 0000151 // uk 0003682 // ch ---  
HGNC:6947|18q11.2 0006260 // DI 0005634 // nt 0000166 // nt Cell\_cycle\_KEGG // GenMAP  
HGNC:25999|15q13.3 0016311 // de --- 0016791 // pt ---  
HGNC:20074|12q13.2-q13.3 0000184 // nt 0005622 // in 0003676 // nt ---  
HGNC:20444|2q23.1 --- 0005634 // nt 0003677 // DI ---  
HGNC:471|M7p14-p13 0006897 // er 0005737 // cy 0005515 // pr ---  
HGNC:16061|15q14 0006468 // pr --- 0000166 // nt Integrin-mediated\_cell\_adhe  
HGNC:33482|1q22 --- 0005634 // nt 0003723 // RI ---  
HGNC:6968|17q31|14q24.2 0006457 // pr 0005634 // nt 0031072 // he ---  
HGNC:20153|14q11.2 0006333 // ch 0000785 // ch 0000166 // nt ---  
HGNC:10541|3p23 0000122 // ne 0000785 // ch 0003677 // DI ---  
HGNC:1682|13q13.1-q13.2 0007155 // ce 0005886 // pl 0005515 // pr ---  
HGNC:6258|17p11.2 0006810 // tr 0016020 // m 0005216 // io ---  
HGNC:30309|1pter-q24 0006890 // re 0000139 // Gc --- ---  
- 13q21.31 --- --- --- ---  
HGNC:8666|15q31 0007155 // ce 0005576 // ex 0005509 // ca ---  
HGNC:5343|17p22 0006810 // tr 0000139 // Gc 0005515 // pr ---  
HGNC:11133|22q11.21 0006810 // tr 0005737 // cy 0005484 // SI ---  
HGNC:28569|16p13.3 --- --- --- ---  
HGNC:6697|11q13.4 0001702 // ga 0005739 // m 0004872 // re ---  
HGNC:25129|11q25 0005975 // ca 0005576 // ex 0003824 // ca ---  
HGNC:16298|19p13.3 0006464 // pr 0005634 // nt --- ---  
HGNC:15588|Xq21.33 0006810 // tr 0005886 // pl 0005215 // tr ---  
HGNC:3508|12q12.2 0006350 // tr 0005622 // in 0000166 // nt ---  
HGNC:26799|2q33.1 --- 0005576 // ex --- ---  
HGNC:21378|6q13 --- 0016020 // m 0004872 // re ---  
HGNC:4043|12q33-q34 0007164 // es 0000139 // Gc 0004871 // sig Wnt\_signaling // GenMAPP  
HGNC:29789|8p22 0007049 // ce 0005634 // nt 0016491 // ox ---  
HGNC:15505|19q13.4 0008654 // pt 0016020 // m 0004872 // re ---  
HGNC:29557|1p31.1 0030334 // re 0005737 // cy 0003779 // ac ---  
HGNC:6938|16q22 0005975 // ca 0000139 // Gc 0001517 // N ---  
HGNC:26292|5q12.1 0006633 // fa 0005783 // er --- ---  
HGNC:28994|7p14.3 --- 0016020 // m --- ---  
HGNC:2359|12p21 0001558 // re 0005576 // ex 0004857 // er ---  
HGNC:18320|9q22|9q22.32 0006350 // tr 0005622 // in 0003676 // nt ---  
HGNC:25798|11q24.2 --- --- --- ---  
HGNC:7836|10q24.2 0001776 // le 0005634 // nt 0003677 // DI ---  
HGNC:10304|19q13.3 0006412 // tr 0005622 // in 0003735 // st Ribosomal\_Proteins // GenM  
HGNC:1100|17q21 0000075 // ce 0000151 // uk 0003677 // DI ---  
HGNC:24738|5p12 --- --- --- ---  
HGNC:1763|120q13.3 0007155 // ce 0005886 // pl 0005509 // ca ---  
HGNC:16145|20q11.23 0006355 // re 0005634 // nt 0003677 // DI ---  
HGNC:34339|15q26.1 --- 0016020 // m --- ---  
HGNC:5950|11p13 --- 0016020 // m --- ---  
HGNC:28160|3q21.3 0006350 // tr 0005622 // in 0003676 // nt ---  
HGNC:10333|8q22 --- --- --- ---

HGNC:2023|Xp11.23-p11.2 0006810 // tr:0000139 // Gc:0005216 // io ---  
HGNC:28356|17q25.3 0032313 // re:0005622 // in:0005096 // G1---  
HGNC:25137|4p16.3 --- 0016020 // m --- ---  
HGNC:27267|7q31.33 0006350 // tr:0005622 // in:0003677 // DI---  
HGNC:9142|1q24 0006355 // re:0005634 // nl:0003677 // DI---  
HGNC:13247|9q22.31 --- 0005737 // cy:0003723 // R1---  
HGNC:232|M 7p13-p12 0006171 // cA:0016020 // m:0000287 // m:Calcium\_regulation\_in\_cardi  
HGNC:4029|19q12-q13.1 0006810 // tr:0016020 // m:0003779 // ac---  
HGNC:29248|18q12.2 --- --- --- ---  
HGNC:28295|15q15.1 --- --- --- ---  
HGNC:29420|16q13 --- 0005576 // ex:0004872 // re---  
HGNC:20667|3q21.3 0006749 // gl:0005634 // nl:0004791 // th---  
HGNC:9755|16p11.2 0008152 // m:0005829 // cy:0003824 // ca---  
HGNC:10840|1q21 0000165 // M:0005737 // cy:0005068 // tr:Integrin-mediated\_cell\_adhe  
HGNC:1848|9q34.3 0006629 // liq:0005576 // ex:0003824 // ca---  
HGNC:12739|13q14.11 0006397 // m:0005634 // nl:0003676 // nl---  
HGNC:24810|11q13.3-q23.3 --- 0016020 // m --- ---  
HGNC:29162|10q22.2 --- --- --- ---  
HGNC:29563|12q24.31 --- --- --- ---  
HGNC:22942|1q23-q24 0007160 // ce:0005578 // pr:0005102 // re---  
HGNC:15515|1p36.3 0035023 // re:0005622 // in:0005085 // gu---  
HGNC:2771|19p13.3 0006508 // pr:0005576 // ex:0003824 // ca---  
HGNC:16913|1p36.22 0000122 // ne:0005634 // nl:0005515 // pr---  
HGNC:6613|7q11.23 0006468 // pr:0005634 // nl:0000166 // nl:G13\_Signaling\_Pathway // G  
HGNC:26125|17q21.33 0007275 // m --- 0003824 // ca---  
HGNC:17948|17p11.2-p13.1 0006355 // re:0005634 // nl:0003676 // nl---  
HGNC:8603|4q24 0000103 // su--- 0000166 // nl---  
HGNC:21207|9p21.2-p21.1 --- 0016020 // m:0005515 // pr---  
HGNC:18561|6p25.1-p24.3 --- --- 0005515 // pr---  
HGNC:8847|1p36.23 0006350 // tr:0005634 // nl:0004871 // sig---  
HGNC:20681|2q33.2 --- --- --- ---  
HGNC:24307|1q12-q21 0016311 // de--- 0016791 // pf---  
Ensembl:ENSC1p36.33 --- 0016020 // m --- ---  
HGNC:10078|1q32 0000209 // pr:0005576 // ex:0004177 // ar---  
HGNC:29145|1q22 --- 0005634 // nl--- ---  
HGNC:16016|18pter-p11.3 0006910 // pf:0016020 // m:0004872 // re---  
HGNC:37151|7q21.3 --- --- --- ---  
HGNC:25488|1p36.21 --- 0016020 // m --- ---  
HGNC:24626|1p32.3 0045454 // ce:0005783 // er:0016491 // ox---  
HGNC:1308|E 22q12.1-q12.2 --- 0016020 // m --- ---  
HGNC:21726|11q13.4 0030036 // ac:0005622 // in:0005085 // gu---  
HGNC:3706|18q21-q22|18 0006754 // A1:0005624 // m:0000166 // nl---  
HGNC:21237|6p21.31 --- --- --- ---  
HGNC:25718|5p15.33 0008152 // m:0000139 // Gc:0005509 // ca---  
HGNC:10050|1q25 0006397 // m:0005737 // cy:0000166 // nl---  
HGNC:20507|1q42.13 0006334 // nl:0000786 // nl:0003677 // DI---  
HGNC:2661|1p32-p31 0001764 // ne:0004871 // pe:0005515 // pr---  
HGNC:21683|7q22.1 0006629 // liq:0016020 // m:0008270 // zir---

HGNC:17820 7p14.3	0006213 // py	0005737 // cy	0000166 // nl	---
HGNC:21604 19q13.42	0006897 // er	0005634 // nl	0008289 // lip	---
HGNC:20875 19p13.2	0006350 // tr	0005622 // in	0003676 // nl	---
HGNC:31092 11q12.2	---	0000139 // Gc	---	---
HGNC:25374 1p32.3-p31.3	---	0005783 // er	---	---
HGNC:16153 20q11.2	---	---	---	---
HGNC:29066 17q21.31	---	0005622 // in	0008270 // zir	---
HGNC:28968 10q26.13	---	---	---	---
HGNC:12385 11p15.5	0006915 // ap	0005737 // cy	---	---
HGNC:2760 16p21.33-p21.1	---	0005634 // nl	---	---
HGNC:3804 1p32-p31	0000122 // ne	0005634 // nl	0003677 // DI	---
HGNC:13608 9q34	0006464 // pr	0005737 // cy	0004842 // uk	Wnt_signaling // GenMAPP
HGNC:12881 19p13.11	0006350 // tr	0005622 // in	0003676 // nl	---
HGNC:23085 19q13.12	0006810 // tr	0005622 // in	0005096 // G	---
HGNC:16447 19q13.42	0006350 // tr	0005622 // in	0003676 // nl	---
HGNC:8822 11q21.1	0006810 // tr	0005737 // cy	0005351 // su	Calcium_regulation_in_cardi
HGNC:25616 8q21.11	0019941 // m	---	0004842 // uk	---
HGNC:24641 16p12.3	---	0016020 // m	---	---
HGNC:16162 20q13.12	0015031 // pr	0000139 // Gc	---	---
- 2q31.2	---	---	---	---
HGNC:21883 4q35.1	0006810 // tr	---	0004871 // sig	---
HGNC:8575 11q23	0006629 // lip	0005737 // cy	0003847 // 1-	---
HGNC:28227 1q32.3	---	---	---	---
HGNC:17848 12p11.23	0006468 // pr	0005737 // cy	0000166 // nl	---
HGNC:24786 1q25.1	---	---	0000166 // nl	---
HGNC:13145 Xq26.3	0006350 // tr	0005622 // in	0003676 // nl	---
HGNC:26925 15q25.1	---	---	0016787 // hy	---
HGNC:10926 17q25.1	0006810 // tr	0005624 // m	0008028 // m	---
HGNC:29452 12q14.1	0006303 // dc	0005958 // DI	0004677 // DI	---
HGNC:9214 1p34.1	0006350 // tr	0005634 // nl	0003677 // DI	---
HGNC:32291 8q21.13	---	0005622 // in	0008270 // zir	---
HPRD:18424 6p25.2	---	---	---	---
HGNC:9707 19q13.2	0001916 // pc	0005886 // pl	0004872 // re	---
HGNC:25752 17q11.2	0006974 // re	0005634 // nl	0000166 // nl	---
HGNC:20696 8p21.1	0006350 // tr	0005634 // nl	0003677 // DI	---
HGNC:25251 3q29	---	---	---	---
HGNC:30672 5q33.1	---	0005737 // cy	0003779 // ac	---
HGNC:19425 1q32.1	0000059 // pr	0005634 // nl	0005488 // bi	---
HGNC:11441 1q25.3	0006810 // tr	0000139 // Gc	0005484 // S	---
HGNC:5123 12q13.3	0001501 // sk	0005634 // nl	0003677 // DI	---
HGNC:17868 19q13.3-q13.4	0001836 // re	0005739 // m	0005515 // pr	---
HGNC:6155 12q22.3	0002523 // le	0005624 // m	0001948 // gl	Integrin-mediated_cell_adhe
HGNC:18249 18q11.2	0006813 // pc	0008076 // vc	0005216 // io	---
HGNC:556 M 14q11.2	0006810 // tr	0000139 // Gc	0005488 // bi	---
HGNC:9313 14q23.1	---	---	---	---
HGNC:6175 12q37	---	0005794 // Gc	---	---
HGNC:30939 8q21.11	0006350 // tr	0005622 // in	0003676 // nl	---
HGNC:14600 8q	0008277 // re	0016020 // m	0004871 // sig	Calcium_regulation_in_cardi

HGNC:4610 14q13	0006378 // m	0005737 // cy	0000166 // n	---
HGNC:1161 10q23.33	0007049 // ce	---	---	---
HGNC:6929 16q24.3	0007165 // si	0005886 // pl	0004871 // si	GPCRDB_Class_A_Rhodopsin
HGNC:27020 2q36.3	0019941 // m	---	---	---
NA NA	---	---	---	---
HGNC:25120 3q29	---	0016020 // m	---	---
Ensembl:ENSC4p15.32	0006959 // h	0005886 // pl	0003824 // ca	---
HGNC:11830 17q23.2-q25.3	0006139 // n	0005737 // cy	0000166 // n	---
HGNC:2256 15q23	0030036 // ac	0005737 // cy	0003779 // ac	---
HGNC:8044 11p15.1-p14	---	0005576 // ex	0003677 // DI	---
- 1q44	---	---	---	---
HGNC:4124 1q41-q42	0002378 // in	0005576 // ex	0004653 // p	---
HGNC:33529 9q31-q33	0008360 // re	0005886 // pl	0005515 // pr	G_Protein_Signaling // Gen
HGNC:6137 5q23-q31	0007155 // ce	0005886 // pl	0000287 // m	Integrin-mediated_cell_adhe
HGNC:31088 12q12	---	0005886 // pl	0005216 // io	---
HGNC:25192 1q32.1	0007059 // ch	0005622 // in	0000166 // n	---
HGNC:23019 Xp22.1	0008380 // R	0005634 // n	0000166 // n	---
HGNC:17408 19q13.42	0007254 // JN	0005737 // cy	0005515 // pr	---
HGNC:12504 13q12-q13	0006464 // pr	0005622 // in	---	---
HGNC:3978 3q21.3	0006730 // or	0005737 // cy	0000036 // ac	---
HGNC:29418 5q23.3	---	0005737 // cy	---	---
HGNC:6728 8q24.3	0007399 // n	0005886 // pl	---	---
HGNC:24797 8q24.3	0001503 // os	---	---	---
HGNC:29849 3p12.1	---	0016020 // m	---	---
HGNC:16643 3p21.2-p14.3	0006457 // pr	0005790 // sn	0005515 // pr	---
HGNC:589 M 6q21	0000045 // a	0005737 // cy	0005515 // pr	---
HGNC:10256 1p32-p31	0006468 // pr	0005737 // cy	0000166 // n	Nuclear_Receptors // GenM
HGNC:9245 11q13.3	0007160 // ce	0005737 // cy	0004871 // si	---
HGNC:9844 17q12-q21.1	0006810 // tr	0005764 // ly	0004872 // re	Smooth_muscle_contractor
HGNC:2096 E 18p11.32	0008219 // ce	0005576 // ex	---	---
HGNC:14259 16p13.3	0006810 // tr	0005886 // pl	0000166 // n	---
HGNC:22201 7q35	---	---	---	---
HGNC:28235 3p21.2	---	0005634 // n	0016787 // h	---
HGNC:17427 14q24.3-q31.1	0006350 // tr	0005622 // in	0005515 // pr	---
HGNC:23528 10q22.2	---	---	0008270 // z	---
HGNC:3284 3q28	0006412 // tr	0005829 // cy	0000166 // n	Translation_Factors // GenM
- 5q14.1	---	---	---	---
HGNC:23095 14q11.2	0006810 // tr	0005634 // n	0004872 // re	---
HPRD:06549 Xq26.3	---	---	---	---
HGNC:28424 19p13.2	---	---	---	---
HGNC:9636 8q24.3	0006470 // pr	0005768 // er	0004721 // p	---
HGNC:886 M Xq13.1-q21.1	0006281 // DI	0005634 // n	0000166 // n	---
HGNC:5391 4p16.3	0000902 // ce	0005764 // ly	0003824 // ca	---
HGNC:23154 7q36.1	0006350 // tr	0005622 // in	0003676 // n	---
HGNC:4319 7p13	0000060 // pr	0005622 // in	0003676 // n	---
HGNC:37249 19q13.41	0006355 // re	0005622 // in	0003676 // n	---
HGNC:8672 5q31	0007155 // ce	0005576 // ex	0005509 // ca	---
HGNC:29232 3q21.1	0006350 // tr	0005634 // n	0003950 // N	---

HGNC:3758|17q11-q12 0007155 // ce 0005624 // m 0005515 // pr ---  
 HGNC:27049|11p15.1 --- --- --- ---  
 HGNC:21106|6p25.2 0006810 // tr: 0016020 // m 0005215 // tr: ---  
 HGNC:26302|8p23.1 0006508 // pr --- 0004176 // A1 ---  
 HGNC:14060|2q11.1-q11.2 0006260 // DI 0005622 // in: 0000287 // m ---  
 HGNC:21163|6p21.3 0006281 // DI 0005622 // in: 0005515 // pr ---  
 HGNC:1464|5q21.3 0006468 // pr 0005634 // nl 0000166 // nl Calcium\_regulation\_in\_cardi  
 HGNC:25613|10q24.31 --- --- 0003824 // ca ---  
 HGNC:6071|2q32 0006796 // pt --- 0000287 // m ---  
 HGNC:28687|16p13.3 --- 0005576 // ex --- ---  
 HGNC:9948|12p12 0006281 // DI 0005634 // nl 0000166 // nl ---  
 - 2p21 --- --- --- ---  
 HGNC:17441|14q32.31 0006350 // tr: 0005634 // nl 0003677 // DI ---  
 HGNC:7001|15q14 0000122 // ne 0005634 // nl 0003677 // DI ---  
 HGNC:20365|14q24.3 --- 0005634 // nl --- ---  
 HGNC:3702|Xq26 0007275 // m 0005634 // nl 0008270 // zir ---  
 HGNC:1101|13q12.3 0000724 // dc 0005634 // nl 0003697 // sir ---  
 HGNC:13745|19p13.3 0007049 // ce 0005622 // in: --- ---  
 HGNC:25600|3q13.33 --- 0016020 // m --- ---  
 HGNC:17440|1q25.1-q25.2 0019941 // m 0005634 // nl 0005515 // pr ---  
 HGNC:17195|12p13.31 --- 0001669 // ac --- ---  
 - 1q21.2 --- --- --- ---  
 HGNC:18797|16p13.3 0016055 // W 0016020 // m 0005515 // pr ---  
 HGNC:20711|5q13.3 --- --- 0003677 // DI ---  
 HGNC:30940|18q21.32 0006350 // tr: 0005622 // in: 0003677 // DI ---  
 HGNC:1118|4p15 0006959 // hl 0005886 // pl 0003824 // ca ---  
 - 21q22.3 --- --- --- ---  
 HGNC:2453|22q13.1 0006281 // DI 0005634 // nl 0000166 // nl Wnt\_signaling // GenMAPP  
 - 9q32 --- --- --- ---  
 HGNC:7777|16q22.2 0006350 // tr: 0005634 // nl 0003677 // DI ---  
 HGNC:20914|19q13.32 0001654 // ey 0005737 // cy 0005515 // pr ---  
 HGNC:26256|4q27 --- 0005576 // ex --- ---  
 HGNC:3072|12q22-q23 0000188 // in: 0005625 // so 0004721 // pt ---  
 HGNC:17922|7q36.1 0006260 // DI 0005622 // in: 0003676 // nl ---  
 HGNC:22206|7p14.2 --- --- --- ---  
 HGNC:11524|4p16.3 0000226 // m 0005737 // cy 0019904 // pr ---  
 HGNC:26517|12q14.2 --- --- --- ---  
 HGNC:7634|5q13.1 0006915 // a: 0005622 // in: 0000166 // nl ---  
 HGNC:9769|6p21.3 0007165 // si: 0005622 // in: 0004886 // re ---  
 HGNC:11602|12q24.1 0001501 // sk 0005634 // nl 0003677 // DI ---  
 HGNC:5347|19p13.2-cen 0007155 // ce 0005576 // ex 0005178 // in: ---  
 HGNC:19683|1q23.3 0006468 // pr 0005634 // nl 0000166 // nl ---  
 HGNC:2087|19q13.2-q13.3 0007275 // m 0005887 // in: --- ---  
 HGNC:16682|Xq23 0006350 // tr: 0005622 // in: 0003677 // DI ---  
 HGNC:14981|14q32.31 0000398 // nl 0005634 // nl 0003723 // R mRNA\_processing\_Reactom  
 HGNC:28730|19q13.42 0006350 // tr: 0005622 // in: 0003676 // nl ---  
 HGNC:14929|10q21.3 0001542 // ol 0005634 // nl 0002039 // p: ---  
 HGNC:8059|11q13 0000090 // m 0000922 // sp 0005198 // st: ---



HGNC:9955 11q13	0001889 // liv 0005634 // nl 0003677 // DI Apoptosis // GenMAPP /// A
HGNC:18267 2q23.3	0016043 // ce 0005737 // cy 0003779 // ac---
- 17q11.2	0006810 // tr: 0005794 // Gc 0000166 // nl---
HGNC:24870 3p21.1	--- 0005739 // m 0016740 // tr:---
HGNC:16828 3p22.1	0006810 // tr: 0005783 // er --- ---
HGNC:7723 12q23.1	0007049 // ce 0005813 // ce --- ---
HGNC:2912 1p31	0006085 // ac 0005634 // nl 0004149 // di Krebs-TCA_Cycle // GenMAP
HGNC:25907 19q13.11	--- 0005739 // m 0005515 // pr---
HGNC:8622 2q12-q14	0001656 // m 0005634 // nl 0003677 // DI---
HGNC:24250 3q26.1	0006810 // tr: 0005634 // nl --- ---
HGNC:27820 8p22	--- 0016020 // m 0005509 // ca---
HGNC:9599 9q34.3	0006693 // pr 0005624 // m 0016853 // isc Eicosanoid_Synthesis // Gen
HGNC:11184 15q15.3	0006006 // gl: 0005615 // ex 0003824 // ca---
- 8q21.3	--- --- --- ---
HGNC:12627 3p21.3	0006511 // ut 0005634 // nl 0004197 // cy---
HGNC:12003 1p36.3	0002347 // re 0005634 // nl 0003677 // DI Apoptosis // GenMAPP
HGNC:9121 2q31-q33 2q31	0006281 // DI 0005634 // nl 0003677 // DI---
HGNC:15981 19q13.32	0006350 // tr: 0005622 // in: 0003677 // DI---
HGNC:17928 17q12-q21	0006310 // DI 0005634 // nl 0003677 // DI---
HGNC:15679 7q31	0001764 // ne 0005624 // m 0004713 // pr---
HGNC:5472 7p13-p12	0001558 // re 0005576 // ex 0005515 // pr Smooth_muscle_contractior
HGNC:28468 15q24.2	0007154 // ce --- 0005515 // pr---
HGNC:13286 7p12.1	0046034 // A1 --- 0000166 // nl---
HGNC:3014 8p22-p21	0006139 // nl 0005737 // cy 0004157 // di ---
HGNC:26026 13q13.3	0006350 // tr: 0005634 // nl 0003677 // DI---
HGNC:13090 19q13.11	0006350 // tr: 0005622 // in: 0003676 // nl---
HPRD:14101 5p12	--- --- --- ---
HGNC:7729 2q37	0007049 // ce 0005634 // nl 0000166 // nl---
HGNC:2363 22q11 22q11	0001568 // bl 0005737 // cy 0004713 // pr---
HGNC:29801 4q13.3	0046777 // pr 0005634 // nl 0005515 // pr---
HGNC:13125 19p13.3	0006350 // tr: 0005622 // in: 0003676 // nl---
HGNC:12657 19p13.2	0006909 // pl 0005622 // in: 0003700 // tr:---
HGNC:13538 19q13.3	0000082 // G: 0000930 // ga 0000166 // nl---
HGNC:14596 8p23-p22	0016311 // de 0005737 // cy 0005515 // pr---
HGNC:14290 17p13.1	0002087 // re 0016020 // m 0005515 // pr---
HGNC:11338 Xp11.23	0006350 // tr: 0005622 // in: 0003676 // nl---
HGNC:25013 1q42.11	0007242 // in: 0005783 // er 0005515 // pr---
HGNC:7978 5q31.3	0006111 // re 0005622 // in: 0003677 // DI Apoptosis_KEGG // GenMAP
HGNC:8984 1q21	0006661 // pl 0005737 // cy 0004428 // in:---
HGNC:404 M 12q24.2	0005975 // ca 0005739 // m 0004029 // al:---
HGNC:28426 19q13.33	0043526 // ne 0005737 // cy --- ---
HGNC:11907 8p21	0006915 // a: 0016020 // m 0004872 // re ---
HGNC:23039 6q16.1	--- --- 0005515 // pr---
HGNC:18625 7p14.3	0006457 // pr 0005783 // er 0003755 // pe---
HGNC:41 MI 1q42.13	0006810 // tr: 0005739 // m 0000166 // nl---
HGNC:11962 7p22.1	--- --- 0003677 // DI---
HGNC:6320 20q11.21	0007018 // m 0005873 // pl 0000166 // nl---
HGNC:14436 2q33	0007160 // ce 0005737 // cy --- ---

HGNC:11169	16q22-q23	---	0005624 // m	0003779 // ac	---
HGNC:12620	1q22	0006350 // tr:	0005634 // nL	0003713 // tr:	---
HGNC:21559	6q22.1	0006334 // nL	0005634 // nL	---	---
HGNC:22973	12q24.31	---	---	---	---
HGNC:13200	7q32	0007155 // ce	0001725 // st:	0005515 // pr	Integrin-mediated_cell_adhe
-	1q43	---	---	---	---
HGNC:2557	7q22.1	0000122 // nL	0000139 // Gc	0003677 // DI	---
HGNC:29362	11q22.3	---	---	0008270 // zir	---
HGNC:13078	19q13.31	0006350 // tr:	0005622 // in:	0003676 // nL	---
-	9p12	---	---	---	---
HGNC:28384	3p11.1	0006915 // aF	---	---	---
HGNC:4173	8p23.1-p22	0001701 // in	0005634 // nL	0003677 // DI	---
HGNC:24697	3q26.33	---	---	0003723 // Rf	---
HGNC:25601	5q13.3	---	---	---	---
HGNC:23615	11q22.3	0006810 // tr:	0016020 // m	---	---
HGNC:28033	3p25.1	---	---	---	---
HGNC:3015	5q32	0006139 // nL	0005737 // cy	0004157 // di	---
HGNC:7135	4q21	0045893 // pC	0005634 // nL	0003700 // tr:	---
HGNC:28856	16q24.3	---	0005622 // in:	0005515 // pr	---
HGNC:6893	17q21.1	0000226 // m	0005737 // cy	0005200 // st:	---
HGNC:4580	6q16.3-q21	0001662 // bL	0005624 // m	0004872 // re	---
NA	NA	---	---	---	---
HGNC:17812	3q21-q22	---	0005923 // tiL	0005515 // pr	---
HGNC:29091	11p11.2	---	---	---	---
HGNC:2654	1p31-p22	0001558 // re	0005576 // ex	0005515 // pr	Hypertrophy_model // GenL
HGNC:17098	14q32.13	0001525 // ar	0005622 // in:	0000166 // nL	mRNA_processing_Reactom
-	9q32	---	---	---	---
HGNC:23192	4q21.22	---	---	0003676 // nL	---
HGNC:12362	9q34	0001822 // ki	0005624 // m	0005515 // pr	---
HGNC:19747	4p16.2-p16.1	---	0016020 // m	---	---
HGNC:11289	17p11.2	0006350 // tr:	0000139 // Gc	0003677 // DI	---
HGNC:23049	12q11-q12	---	0005886 // pl	---	---
HGNC:21640	12p13.33-p13	---	0005624 // m	---	---
HGNC:11357	10p14-p13	0006810 // tr:	0005737 // cy	0005070 // St	---
HGNC:10707	17q25	0006955 // in:	0005576 // ex	0004871 // siL	---
HGNC:27637	1p13.3	---	---	---	---
HGNC:24051	12p12.3	0006350 // tr:	0005622 // in:	0003677 // DI	---
HGNC:17851	11q23.1-q23.2	0006139 // nL	0005622 // in:	0000166 // nL	---
HGNC:9996	5q35.3	0007165 // siL	0016020 // m	0004871 // siL	Calcium_regulation_in_cardi
HGNC:30438	3q29	---	---	---	---
HGNC:6702	2q37.3	0006350 // tr:	0005634 // nL	0000166 // nL	---
HGNC:30897	8q13	0016567 // pr	0005737 // cy	0004843 // uL	---
HGNC:23817	3p22.3	---	---	0005488 // bi	---
HGNC:30794	11q21	0000060 // pr	0005634 // nL	0005515 // pr	---
HGNC:11894	17q22-q23	0006260 // DI	0008076 // vc	0005249 // vc	Glycolysis_and_Gluconeoger
-	7q22.3	---	---	---	---
HGNC:18561	6p25.1-p24.3	---	---	0005515 // pr	---
HGNC:19073	Xq25-q26.3	0006397 // m	0005634 // nL	0003723 // Rf	---

HGNC:994 M 2q13	0001701 // in 0000300 // pε 0005515 // pr Apoptosis // GenMAPP
HGNC:598 M 11q23-q25 11	0001967 // su 0005634 // nι 0003677 // DI---
HGNC:23200 7q22-q31	0006350 // tr: 0005634 // nι 0003677 // DI---
HGNC:2531 N 11q13	0006508 // pr 0005764 // ly: 0004197 // cy---
HGNC:25578 19q13.32	--- --- --- ---
HGNC:16747 3p21	0006350 // tr: 0005622 // in: 0003676 // nι---
HGNC:11368 12q13	0002829 // nε 0005634 // nι 0003677 // DI---
HGNC:11205 12q13.1	0001503 // os 0005622 // in: 0003676 // nι Smooth_muscle_contractor
HGNC:28522 6p23	--- 0016020 // m 0005515 // pr---
HGNC:16857 19p13.3	0006350 // tr: 0005622 // in: 0003676 // nι---
- 9q31.1	--- --- --- ---
HGNC:23177 19p13.2	0001701 // in 0005634 // nι 0005515 // pr---
HGNC:30418 4q31.3	0051044 // pε 0005634 // nι---
HGNC:11445 19p13.3-p13.2	0006810 // tr: --- 0030347 // sy---
HGNC:25233 1p36.12-p35.1	--- 0016020 // m --- ---
HGNC:3691 N 5q35.1-qter	0001759 // in: 0005886 // pl: 0000166 // nι---
HGNC:11123 Xp22.1	0006555 // m --- 0003824 // ca---
HGNC:28652 1q42.13	0006350 // tr: 0005622 // in: 0003676 // nι---
HGNC:597 M 19q13.1	0006378 // m 0005604 // bε 0005488 // bi---
HGNC:28706 1p36.33	--- 0005634 // nι---
HGNC:10696 14q22.3	0006810 // tr: 0005737 // cy---
HGNC:19371 10q21.1	--- --- --- ---
HGNC:25097 18q11.2	0007049 // ce 0005634 // nι 0005515 // pr---
- 22q12.1	--- --- --- ---
- 18p11.22	--- --- --- ---
HGNC:5134 N 2q31.1	0001501 // sk 0005634 // nι 0003677 // DI---
- 18p11.31	--- --- --- ---
HGNC:7695 N 14q32.12	0006120 // m 0005739 // m 0003954 // N Electron_Transport_Chain //
HGNC:24595 2p25.1-p24.1	0007275 // m 0005737 // cy 0003774 // m---
HGNC:13030 1q44-qter	0000122 // nε 0000228 // nι 0003676 // nι---
HGNC:56 M 3q27	0006810 // tr: 0005624 // m 0000166 // nι---
HGNC:30237 19p13.12	0006350 // tr: 0005634 // nι 0003677 // DI---
HGNC:6131 N 14q11.2	0006350 // tr: 0005622 // in: 0003677 // DI---
- 6q21	--- --- --- ---
HGNC:4370 N 1p35.3	0006350 // tr: 0005634 // nι 0003677 // DI---
HGNC:8858 N 6q24.2	0007031 // pε 0005777 // pε 0005515 // pr---
HGNC:19118 4p16.3	0007249 // l-ι 0005737 // cy 0005515 // pr---
HGNC:1557 N 22q13.1	0006333 // ch 0000785 // ch 0003682 // ch---
HGNC:14355 1q42.2-q43	0006457 // pr 0005783 // er 0005515 // pr---
Ensembl:ENSC 8p23.1	0006468 // pr --- 0000166 // nι---
HGNC:451 M 5p13	0006699 // bi 0005576 // ex 0003824 // ca---
HGNC:3676 N 4q26-q27	0000186 // ac 0005576 // ex 0005515 // pr---
HGNC:16931 11q23.1-q23.3	0001666 // re 0005783 // er 0000166 // nι---
HGNC:20187 14q32.2	--- --- --- ---
HGNC:20932 11q14	0000731 // DI 0005634 // nι 0003677 // DI DNA_replication_Reactome
NA NA	--- --- --- ---
HGNC:9888 N 1q32	--- 0005634 // nι 0005515 // pr---
HGNC:32339 7p12.3	0007049 // ce 0031105 // se 0005515 // pr---

HGNC:21086|18q11.2 0001568 // bl 0005737 // cy 0004842 // ut ---  
 HGNC:14007|1q43 0007165 // siξ 0005887 // in 0004871 // siξ GPCRDB\_Class\_A\_Rhodopsin  
 HGNC:8604|10q23-q24 0000103 // su 0005622 // in 0000166 // nL ---  
 HGNC:12719|2p16-p15 0006468 // pr 0005624 // m 0000166 // nL ---  
 HGNC:6091|19p13.3-p13.2 0000187 // ac 0005768 // er 0000166 // nL ---  
 HGNC:571|15q26.1 0006810 // tr 0005794 // Gc 0005515 // pr ---  
 HGNC:9841|18p11.3 0006810 // tr 0005622 // in 0005096 // G1 ---  
 HGNC:9344|11q14 0006508 // pr 0005764 // ly 0004180 // ca ---  
 HGNC:26452|1p34.3 --- 0000139 // Gc 0016787 // hy ---  
 HGNC:23360|8p22 --- --- --- ---  
 - 4q34.1 --- --- --- ---  
 HGNC:20691|17q21 --- --- 0005525 // G1 ---  
 HGNC:6501|Xq24 0005977 // gl 0005624 // m --- ---  
 HGNC:4316|16q22.3 --- 0000139 // Gc 0005102 // re ---  
 HGNC:26294|22q13.2 --- --- --- ---  
 HGNC:20387|18q11.2-q12.1 0006417 // re --- --- ---  
 HGNC:13770|15q22.31 --- 0005634 // nL --- ---  
 HGNC:5984|13q12.11 0006954 // in 0005576 // ex 0005125 // cy ---  
 HGNC:7161|16q13-q21 0006464 // pr 0005578 // pr 0004222 // m Matrix\_Metalloproteinases /  
 HGNC:23758|1p22.1 --- 0016020 // m 0003824 // ca ---  
 HGNC:16014|7q21.3 --- 0016020 // m 0016740 // tr ---  
 HGNC:29931|3p21.1 --- 0005739 // m 0016740 // tr ---  
 HGNC:14625|14q32.33 0051301 // ce 0005634 // nL --- ---  
 HGNC:8091|10q26 0007601 // vi 0005737 // cy 0003824 // ca ---  
 HGNC:11389|19p13.3 0006468 // pr 0005634 // nL 0000166 // nL ---  
 HGNC:27652|15q24.1 0006810 // tr 0005829 // cy 0000149 // S1 ---  
 HGNC:29441|11p14.1 0006810 // tr 0005634 // nL 0000166 // nL ---  
 HGNC:33802|17q25.3 --- 0005634 // nL --- ---  
 - 19p13.13 --- --- --- ---  
 HGNC:29116|3q22.1 --- 0016020 // m --- ---  
 HGNC:1795|5q22-q23 0000097 // su 0005829 // cy 0005506 // ir ---  
 HGNC:21446|15q26.1 0007155 // ce 0005576 // ex 0005488 // bi ---  
 HGNC:26077|4q32.2-q32.3 0019941 // m 0016020 // m 0008270 // zir ---  
 HGNC:11204|17q24.3-q25.1 0001502 // ca 0005634 // nL 0003677 // D1 ---  
 HGNC:12964|19q13.4 0006350 // tr 0005622 // in 0003676 // nL ---  
 HGNC:8638|3p24 0006338 // ch 0005634 // nL 0003712 // tr ---  
 NA NA 0006350 // tr 0005622 // in 0003676 // nL ---  
 HGNC:9994|4p16.3 0007165 // siξ 0000794 // cc 0004871 // siξ ---  
 HGNC:26929|15q14 --- --- 0005515 // pr ---  
 HGNC:6237|Xp11.23 0006810 // tr 0008076 // vc 0005216 // io ---  
 HGNC:10952|15q26 0006810 // tr 0016020 // m 0005215 // tr ---  
 HGNC:8877|12q13.3 0005977 // gl 0005625 // so 0000166 // nL Glycolysis\_and\_Gluconeogen  
 HGNC:25246|16q22.1 --- 0015630 // m --- ---  
 HGNC:6642|11p13 0007275 // m 0005634 // nL 0005515 // pr ---  
 HGNC:7162|8q21.3 0006508 // pr 0005576 // ex 0004222 // m Matrix\_Metalloproteinases /  
 HGNC:17091|1q22-q23 0006508 // pr 0005624 // m 0005515 // pr ---  
 HGNC:30373|10q24.2 0007242 // in 0005622 // in 0005085 // gu ---  
 HGNC:3767|5q35.3 0006468 // pr 0005887 // in 0000166 // nL ---

HGNC:2265 16q22-qter	0006091 // ge	0005634 // nl	0004129 // cy	Electron_Transport_Chain //
HGNC:23514 10p13	---	---	---	---
HGNC:32387 17q21.31	0006810 // tr:	0005794 // Gc	0000166 // nl	---
HGNC:16280 5q22.3	0007340 // ac	0001669 // ac	0005515 // pr	---
HGNC:4023 13q28	0006915 // aq:	0005730 // nl	0003723 // Rf	---
HGNC:24564 11q13.4	---	---	---	---
HGNC:2919 17q22	0001501 // sk	0005634 // nl	0003677 // DI	---
HGNC:7788 19p13.3	0006260 // DI	0005622 // in:	0003677 // DI	---
HGNC:17662 1p22.1-p21.3	0006376 // m	0005634 // nl	0000166 // nl	mRNA_processing_Reactom
HGNC:25651 2q14.3	0006301 // pc	0005634 // nl	0005515 // pr	---
HGNC:30064 3p21	0006338 // ch	0000228 // nl	0003677 // DI	---
HGNC:7819 13q13.2-q13.3	0000398 // nl	0005634 // nl	0003723 // Rf	---
HGNC:19357 17q12	0007275 // m	0031410 // cy	---	---
HGNC:6703 13p22.2	0016055 // W	---	0005515 // pr	---
HGNC:9215 16q16	0006350 // tr:	0005634 // nl	0003677 // DI	---
HGNC:7547 18q22	0006350 // tr:	0005634 // nl	0003677 // DI	---
HGNC:17052 4q21.22	0006810 // tr:	0005737 // cy	0005515 // pr	---
HGNC:29026 17p13.3	0032313 // re	0005622 // in:	0005097 // Rf	---
HGNC:13158 19q13.3	0006350 // tr:	0005622 // in:	0003700 // tr:	---
HGNC:6125 12q36	0002053 // pc	0005634 // nl	0004871 // sig	---
HGNC:10969 5q31	0006810 // tr:	0005777 // pe	0000166 // nl	---
HGNC:20368 13q14.13	---	---	0003676 // nl	---
HGNC:29046 1q42.11	0019941 // m	---	---	---
HGNC:20362 14q32.33	---	0005737 // cy	---	---
HGNC:1300 12q22.3	---	---	---	---
HGNC:25864 Xq22.1	---	0016020 // m	---	---
HGNC:17793 14q24.1	0006886 // in:	0005794 // Gc	0005515 // pr	---
HGNC:28726 12p12.3	---	---	---	---
- 5p13.3	---	---	---	---
HGNC:30136 16p12	---	0016020 // m	---	---
HGNC:12028 12q24.2-q24.3	0001666 // re	0005783 // er	0000166 // nl	---
HGNC:14193 11q23.3	0007186 // G-	0005622 // in:	0001664 // G-	---
HGNC:7598 17q11-q12	---	0016459 // m	0000166 // nl	---
HGNC:20748 2p16.1	0006281 // DI	0005634 // nl	0005515 // pr	---
HGNC:27506 2q31.1	0008152 // m	---	0000287 // m	---
HGNC:3659 11q24.2	0007155 // ce	0005737 // cy	0005515 // pr	---
HGNC:18513 8q24.13	0000122 // ne	0005622 // in:	0003677 // DI	---
HGNC:7452 17q22-q23	0006470 // pr	0005737 // cy	0004721 // pf	---
HGNC:3373 13q13.2	0001666 // re	0000123 // hi:	0003677 // DI	Cell_cycle_KEGG // GenMAP
HGNC:10889 2p21	0001654 // ey	0005634 // nl	0003677 // DI	---
HGNC:20219 14q32.12	---	0005634 // nl	0005488 // bi	---
HGNC:33838 5q31.1	---	---	---	---
HGNC:10671 1q43	---	0005813 // ce	---	---
HGNC:2665 13q32	0006955 // in:	0005625 // so	---	Complement_Activation_Cla
HGNC:28396 8q22.1	---	0005886 // pl	---	---
HGNC:2219 13q13.3	---	0005576 // ex	0030020 // ex	---
HGNC:20610 18q21.33	0006915 // aq:	0005634 // nl	0003824 // ca	---
HGNC:6389 16p21.3	0000070 // m	0005634 // nl	0000166 // nl	---

HGNC:33101	20q13.13	---	---	---	---
HGNC:9480	11p21	0006508	// pr	0031410	// cy 0008233 // pe---
HGNC:15848	Xq24	0000910	// cy	0005634	// nl 0000166 // nl---
HGNC:25937	11q14.2-q14.3	---	---	---	---
HGNC:20859	11p11.2	0006810	// tr:	0016020	// m 0008270 // zir---
HGNC:8933	11q15	0006915	// a:	0005634	// nl 0005515 // pr---
HGNC:34532	20q11.21	---	---	---	---
HGNC:23090	12q24.32-q24.33	0006810	// tr:	0016020	// m 0005215 // tr:---
HGNC:20439	Xq25-q26	0000184	// nl	0005634	// nl 0000166 // nl---
HGNC:21607	6q24.2	---		0016020	// m ---
HGNC:20226	14q32.33	0007018	// m	0005874	// m 0000166 // nl---
HGNC:25919	19q13.12	0006350	// tr:	0005622	// in: 0003676 // nl---
HGNC:8923	11p12	0006564	// L-	---	0003824 // ca---
HGNC:12624	21q11.2	0006464	// pr	---	0004221 // uk---
HGNC:3333	11p12.3	0007275	// m	0005624	// m ---
HGNC:10922	1p12	0006810	// tr:	0005624	// m 0005515 // pr---
HGNC:34425	3p21.31	---		0016020	// m ---
HGNC:7061	11p12.3-p12.31	0006749	// gl:	0005739	// m 0004364 // gl:---
HGNC:6742	11q22.1-q22.2	0009653	// ar	---	0003700 // tr:---
HGNC:7895	11q11.2	0006350	// tr:	0005634	// nl 0003677 // DI---
-	19q13.11	---	---	---	---
HGNC:13210	3q11.2	0007264	// sn	0005622	// in: 0000166 // nl---
HGNC:3388	11q36.1	0006468	// pr	0005887	// in: 0000166 // nl---
HGNC:16734	19p13.3	---		0005634	// nl 0003723 // R---
HGNC:11057	13q12-q14	0006810	// tr:	0005887	// in: 0004872 // re---
HGNC:7971	11q22	0000122	// n:	0005622	// in: 0003677 // DI---
HGNC:13109	19p13.1-p12.3	0006350	// tr:	0005622	// in: 0003676 // nl---
HGNC:1097	11q34	0006468	// pr	0005634	// nl 0000166 // nl MAPK_Cascade // GenMAPP
HGNC:8950	11p25	---		0005737	// cy 0004866 // er---
HGNC:26611	12q24.13	0006464	// pr	0005622	// in: 0016874 // lig---
HGNC:6953	11q32	0006955	// in:	0002079	// in 0004872 // re---
HGNC:23694	1q24.2	0007165	// si:	0005886	// pl: 0004871 // si: GPCRDB_Class_A_Rhodopsin
HGNC:17158	19q13.2	0008152	// m	0005783	// er 0003824 // ca---
HGNC:11904	8p21	0006915	// a:	0016020	// m 0004872 // re---
HGNC:20629	19p13.2	0006350	// tr:	0005622	// in: 0003676 // nl---
HGNC:6143	11q13	0007155	// ce	0005634	// nl 0004872 // re Integrin-mediated_cell_adhesion
HGNC:19360	1q32.1	0016055	// W	---	0005515 // pr---
HGNC:8139	11q21.1-q21.2	0001889	// liv	0005634	// nl 0003677 // DI---
HGNC:29319	10q25.3	0007010	// cy	0042995	// ce 0003779 // ac---
HGNC:14598	7q31	0006508	// pr	0005739	// m 0008233 // pe---
-	1p36.21	---	---	---	---
HGNC:15721	19q13.2	0007165	// si:	0005624	// m 0005198 // st:---
HGNC:7982	11q22	0001707	// m	0005634	// nl 0003677 // DI Hypertrophy_model // GenMAPP
HGNC:3584	11q22.3	0002262	// m	0005634	// nl 0005515 // pr---
HGNC:3774	11q32	0007181	// tr:	0005576	// ex 0005515 // pr---
HGNC:13634	8q23	---		0005737	// cy 0005515 // pr---
HGNC:11708	4q31-q32	0006569	// tr:	0005829	// cy 0004833 // tr---
HGNC:10252	2p24	0000910	// cy	0005622	// in: 0000166 // nl G13_Signaling_Pathway // G

HGNC:2901 N 11q14.1	0007268 // sy 0005886 // pl 0004385 // gu---
HGNC:14108 8p21	0000059 // pr 0005634 // nl 0005049 // nl---
HGNC:13995 11q25	0006350 // tr: 0005622 // in: 0003677 // DI---
HGNC:17949 6p21.1	--- 0005794 // Gc 0005515 // pr---
HGNC:11842 17q23	0001672 // re 0005634 // nl 0000166 // nl---
HGNC:29305 19q13.11-q13	--- 0005737 // cy---
HGNC:9093 N 20q12-q13.1	0006629 // liç 0005576 // ex 0008289 // liç---
HGNC:18994 19q13.4	0006468 // pr 0005634 // nl 0000166 // nl---
- Xq11.1	--- --- --- ---
HGNC:13013 8p11	0006323 // DI 0000786 // nl 0003677 // DI---
HGNC:9186 N 3q13.33	0006260 // DI 0005654 // nl 0000166 // nl---
HGNC:23713 1q44	0000122 // ne 0005622 // in: 0003676 // nl---
HGNC:27087 16p12.2	--- --- --- ---
HGNC:12457 1q23.3	0006048 // UI 0005737 // cy 0003977 // UI---
HGNC:16790 1q25	0009103 // liç 0005783 // er 0016740 // tr:---
HGNC:11647 11q13.2	0006810 // tr: 0005886 // pl 0005215 // tr:---
HGNC:17209 2q35	0006468 // pr 0005634 // nl 0000166 // nl---
HGNC:7200 N 1p13.2	0007275 // m --- 0000166 // nl---
HGNC:5028 N 2q22.1	0007585 // re 0005737 // cy 0008168 // m---
- 17q25.1	--- --- --- ---
HGNC:26420 19q13.12	0006350 // tr: 0005622 // in: 0003676 // nl---
HGNC:2974 N 19p13.2	0000086 // G: 0005737 // cy 0000166 // nl---
HGNC:4019 N 14q24.3	0001701 // in 0005794 // Gc 0008424 // gh---
HGNC:25948 9p22.1	0007049 // ce 0005737 // cy---
HGNC:18152 16p13.3	0001525 // ar 0001726 // ru 0004872 // re---
HGNC:9949 N 8q24.3	0006281 // DI 0005634 // nl 0000166 // nl---
HGNC:1541 N 11q23.3	0007166 // ce 0005634 // nl 0003700 // tr:---
HGNC:29616 17p13.1	0000910 // cy 0005814 // ce 0005515 // pr---
HGNC:21107 6q14.2-q14.3	0007049 // ce 0005634 // nl---
HGNC:12887 7q11.2	0006350 // tr: 0005622 // in: 0003676 // nl---
HGNC:4776 N 6p21.3	0006334 // nl 0000786 // nl 0003677 // DI---
HGNC:33237 2q37.3	0006470 // pr --- 0004721 // pf---
HGNC:29121 18p11.22	--- --- --- ---
HGNC:9718 N 12q24.31	0007155 // ce 0005737 // cy 0005515 // pr Integrin-mediated_cell_adhe
HGNC:9974 N 17q25	0007275 // m 0000139 // Gc 0016740 // tr:---
HGNC:6394 N 3q21	0000018 // re 0005634 // nl 0005488 // bi---
HGNC:17104 11q23-q24	0007155 // ce 0016020 // m 0005515 // pr---
HGNC:20612 13q21.2	--- --- 0003676 // nl---
HGNC:11313 1q31	0006383 // tr: 0005634 // nl 0003676 // nl---
HGNC:20065 12q24.11	0006511 // uk --- 0004221 // uk---
HGNC:25512 1p13.3	0006397 // m 0005634 // nl---
HGNC:9556 N 17q11.2	0031145 // ar 0000502 // pr 0005515 // pr Proteasome_Degradation //
HGNC:11363 12q13.3	0006350 // tr: 0005634 // nl 0003677 // DI---
HGNC:14132 13q32.3	--- 0012505 // er 0005085 // gu---
HGNC:2711 N 2p13	0006810 // tr: 0000922 // sp 0003774 // m---
HGNC:5192 N 3q28-q29	0000122 // ne 0005634 // nl 0003677 // DI---
HGNC:675 M 14q12	0007155 // ce 0005622 // in: 0003924 // G---
HGNC:12347 7q21.2-q22.1	0006350 // tr: 0000125 // P( 0003712 // tr:---

HGNC:29685|1q41 0006412 // tr:0005737 // cy 0000166 // nu ---  
HGNC:13082|21q22.11 --- --- 0005488 // bi ---  
HGNC:23023|14q22.2 0045727 // pr:0019717 // sy 0030371 // tr:---  
HGNC:11771|5q31 0007155 // ce 0005576 // ex 0005178 // in:---  
HGNC:26525|16q23.2 --- --- --- ---  
HGNC:13081|15q24 --- 0005622 // in: 0008270 // zir---  
HGNC:13448|12q 0006810 // tr:0005886 // pl: 0015171 // ar---  
HGNC:16743|15q21.1-q21.2 0007242 // in: 0005886 // pl: 0005515 // pr---  
HGNC:11957|Xq13 0006350 // tr:0000119 // m 0003712 // tr:---  
HGNC:4015|11q21 0005975 // ca 0005624 // m 0008417 // fu ---  
HGNC:21876|7q22.3 0006810 // tr:0005737 // cy 0005515 // pr---  
HGNC:33627|15q22.2 --- 0005634 // nu --- ---  
HGNC:1149|15q15 0006915 // ar:0000776 // ki: 0000166 // nu Cell\_cycle\_KEGG // GenMAP  
HGNC:16388|2q31-q32.1 0006810 // tr:--- --- ---  
HGNC:5475|12q13 0001558 // re 0005576 // ex 0005520 // in: Smooth\_muscle\_contractor  
HGNC:6833|Xp11.3 0006576 // bi: 0005739 // m 0005515 // pr Biogenic\_Amine\_Synthesis /  
- Xp22.33;Yp11 --- --- --- ---  
HGNC:25649|19p13.2 --- --- --- ---  
- 10q23.2 --- --- --- ---  
HGNC:23530|10q22.1 --- --- --- ---  
HGNC:13554|Xq27.1 0006754 // A:0016020 // m 0000166 // nu ---  
HGNC:6344|13q12 0005975 // ca 0005576 // ex 0003824 // ca---  
HGNC:13146|16p13.11 0006350 // tr:0005622 // in: 0003676 // nu ---  
HGNC:14652|11p15.3 0007155 // ce 0005634 // nu 0003779 // ac---  
HGNC:4976|21q22.1|21q2 0006464 // pr 0005737 // cy 0003824 // ca---  
HGNC:21919|7q34 --- 0005634 // nu 0003676 // nu ---  
HGNC:17850|11q23.3 0006350 // tr:0005622 // in: 0003677 // DI---  
HGNC:25657|Xq25-q26.1 0006350 // tr:0005634 // nu --- ---  
HGNC:17999|9q34.11 0006468 // pr 0005622 // in: 0000166 // nu ---  
HGNC:31922|3p14.3 --- 0005737 // cy 0005515 // pr Circadian\_Exercise // GenM  
HGNC:21055|6q25.1 0006730 // or 0005739 // m 0000166 // nu ---  
HGNC:1316|2p22-p21 0007017 // m 0005737 // cy 0005515 // pr---  
HGNC:17422|12q 0002063 // ch 0000139 // G: 0001537 // N---  
- 11p15.4 --- --- --- ---  
HGNC:1148|2q14 0006468 // pr 0000775 // ch 0000166 // nu Cell\_cycle\_KEGG // GenMAP  
HGNC:28949|3q13.33|3q21 0004549 // pl: 0001750 // pl: 0005516 // ca---  
HGNC:7976|15q26 0006350 // tr:0005634 // nu 0003677 // DI Nuclear\_Receptors // GenM.  
HGNC:25694|12q21.1 0032313 // re 0005622 // in: 0005096 // G---  
HGNC:8571|22q13.2-q13.3 0006897 // er 0005737 // cy 0005215 // tr:---  
HGNC:27521|15q25.1 --- --- --- ---  
HGNC:17256|7q36.1 0030833 // re 0005737 // cy 0000166 // nu ---  
HGNC:29345|22q11.23 --- --- --- ---  
HGNC:13168|7q11.21 0006350 // tr:0005622 // in: 0003676 // nu ---  
HGNC:21945|7q21.12 0007186 // G: 0016020 // m 0004930 // G---  
HGNC:25481|22q13 0006399 // tR 0005737 // cy 0000049 // tR---  
HGNC:20589|2p11.2 0019941 // m 0005622 // in: 0008270 // zir---  
HGNC:9181|6p21.1 0000731 // DI 0005634 // nu 0000287 // m ---  
HGNC:32418|2q13 0006810 // tr:0005634 // nu 0005488 // bi ---



HGNC:30123 8q24.13	0006350 // tr:0005634 // nt 0000166 // nt---
HGNC:29515 19q13.2	0035023 // re 0005622 // in: 0005085 // gu---
HGNC:20298 13q13-q14	--- --- --- ---
HGNC:292 M 1cen-q12	0002376 // in: 0005737 // cy 0000166 // nt Nucleotide_Metabolism // G
MIM:610112 16q23	--- 0005634 // nt---
- 14q11.2	--- --- --- ---
HGNC:20443 8p22	0006928 // ce 0001726 // ru 0003779 // ac---
- 3q25.1	--- --- --- ---
HGNC:12658 9q34.1	0007165 // sig 0005622 // in: 0005085 // gu Integrin-mediated_cell_adhe
HGNC:32393 19q13.2	0009607 // re 0016020 // m --- ---
HGNC:23847 17p13.1	0006350 // tr:0005622 // in: 0003677 // DI---
HGNC:29106 8p11.23	0016042 // lig 0005737 // cy 0016787 // hy---
HGNC:7048 X 5q35	0005975 // ca 0000139 // Gc 0008454 // al---
HGNC:9225 X 11p11.2-p11.1	0006810 // tr:0005887 // in: 0015175 // ne---
HGNC:5105 X 7p15-p14	0006350 // tr:0005634 // nt 0003677 // DI---
HGNC:7784 X 1p31.3-p31.2	0006260 // DI 0005622 // in: 0003677 // DI---
HGNC:2561 X 2q21	0000187 // ac 0005737 // cy 0003779 // ac GPCRDB_Class_A_Rhodopsir
HGNC:29174 12q24.11	--- --- --- ---
HGNC:9249 X 12p11.23-p11.1	0007155 // ce 0005737 // cy 0003677 // DI---
HGNC:4416 X 1q42	0006631 // fa 0005777 // pe 0003824 // ca---
HGNC:13019 19q13.2	0006350 // tr:0005622 // in: 0003676 // nt---
HGNC:24256 12q23.2	--- --- --- ---
HGNC:9773 X Xq26.1	0007264 // sn 0005886 // pl 0000166 // nt---
HGNC:18572 9q32	0008152 // m 0005739 // m 0003824 // ca---
HGNC:13266 14q32	0016070 // Rf 0005730 // nt 0000166 // nt---
HGNC:30002 1q24.2	--- 0005634 // nt 0030374 // lig---
HGNC:30281 1q25.3	0007165 // sig 0005622 // in: 0005085 // gu---
HGNC:23664 10q24.33	0007154 // ce 0005737 // cy 0005515 // pr---
HGNC:26270 18p11.22	--- 0016020 // m --- ---
HGNC:7602 X 15q21	0006511 // ut 0001726 // ru 0000146 // m---
HGNC:29821 19p13.11	0006021 // in: 0005737 // cy 0003824 // ca---
HGNC:18646 11p11.2	0006694 // st: 0005783 // er 0003824 // ca---
HGNC:17765 18q12.1	0016055 // W 0005622 // in: 0005515 // pr---
HGNC:16930 19p13.1	0006396 // Rf 0005622 // in: 0003676 // nt---
HGNC:32670 17p11.2	--- 0005737 // cy --- ---
HGNC:23386 13q22	0006350 // tr:0005634 // nt 0005515 // pr---
HGNC:16087 10q24.31	0006810 // tr:0005739 // m 0005506 // irc---
HGNC:6771 X 5q31	0002051 // os 0005622 // in: 0003700 // tr: TGF_Beta_Signaling_Pathwa
HGNC:30727 2p16.3	0006350 // tr:0005634 // nt 0003677 // DI---
HGNC:6160 X 3q21.2	0007155 // ce 0008305 // in: 0004872 // re Integrin-mediated_cell_adhe
HGNC:17060 1q24.2	0006461 // pr 0005783 // er 0005488 // bi---
HGNC:12456 5q22	--- 0005634 // nt 0000166 // nt---
HGNC:19182 6q24.3	0007049 // ce --- 0005515 // pr---
HGNC:636 M 9p13	0002684 // pc 0005886 // pl 0005215 // tr:---
HGNC:25370 7p21	--- --- 0008270 // zir---
HGNC:25609 15q21.2-q21.1	--- --- --- ---
HGNC:24523 1p31.1	0006350 // tr:0005634 // nt 0003677 // DI---
- 1q22	--- --- --- ---

HGNC:25084 12q24.13	---	0016020 // m	---	---
HGNC:21460 14q13.3-q21.1	---	0005634 // n	---	---
HGNC:10822 21q22.3	0006461 // pr	0005829 // cy	0005070 // S	---
HGNC:938 M 6p12.1-p11.2	0006457 // pr	---	0005515 // pr	---
HGNC:14973 6q25.1-q26	0006810 // tr	0005625 // so	0005515 // pr	---
HGNC:6548 Xq27	0008285 // n	0005634 // n	0005515 // pr	---
HGNC:1592 5q32-q34	0000079 // re	0005634 // n	---	---
HGNC:20596 13q13.3	0007275 // m	---	0005515 // pr	---
HGNC:25955 Xq26.1	0006350 // tr	0005622 // in	0003677 // D	---
HGNC:12612 18p11.32	0006464 // pr	0005625 // so	0004197 // cy	---
HGNC:24368 4q22.1	0000079 // re	0005622 // in	0016874 // lig	---
HGNC:1186 E 12p13.3	---	0005634 // n	0003950 // N	---
HGNC:20267 14q24.2	0006457 // pr	---	0005488 // bi	---
HGNC:25457 7p14.3	---	---	---	---
HGNC:7897 18q11-q12	0006897 // er	0005635 // n	0004872 // re	---
HGNC:25717 3p21.1	---	---	0000287 // m	---
HGNC:9302 19q13.41	0000188 // in	0000159 // pr	0003823 // ar	Glycogen_Metabolism // Ge
HGNC:10334 2q11.2	0006412 // tr	0005622 // in	0003723 // R	Ribosomal_Proteins // Gen
HGNC:4670 6p21-p12	---	---	0000166 // n	---
HGNC:20039 6p22.3	0007010 // cy	0005840 // rit	0003779 // ac	---
HGNC:7208 9p24-p22	0044419 // in	0005886 // pl	0005515 // pr	---
HGNC:4752 6p21.3	0006334 // n	0000786 // n	0003677 // D	---
HGNC:10896 1q22-q24	0030154 // ce	0005634 // n	0000166 // n	TGF_Beta_Signaling_Pathwa
HGNC:10785 6p21	0000398 // n	0005634 // n	0000166 // n	---
HGNC:20898 11q13.4	0005975 // ca	---	0016740 // tr	---
HGNC:23476 8p21.2	---	0005737 // cy	0005085 // g	---
HGNC:27510 14q32.13	---	---	---	---
HGNC:19129 9q21.2	0006564 // L	---	0003824 // ca	---
HGNC:24965 17q21.33	0006259 // D	0005634 // n	0000287 // m	---
HGNC:9316 8p21.3	0008633 // ac	0005829 // cy	0004721 // p	G_Protein_Signaling // Gen
HGNC:23642 9q33.3	---	---	---	---
HGNC:29598 11q11	---	0005739 // m	---	---
HGNC:3157 Xq12-q13.1	0006955 // in	0005576 // ex	0005102 // re	---
HGNC:4123 18q12.1	0006493 // pr	0005576 // ex	0004653 // pc	---
HGNC:17125 Xq28	---	0016020 // m	---	---
HGNC:10065 6p21.3	---	0005622 // in	0005515 // pr	---
HGNC:20598 16q12.1	0006508 // pr	0005777 // p	0000166 // n	---
HGNC:14585 1q32-q41	0006468 // pr	0000139 // G	0000166 // n	---
HGNC:16406 6p12.3	---	0005929 // cil	0005509 // ca	---
HGNC:19423 12p13.31	0006473 // pr	0005634 // n	0005515 // pr	---
HGNC:24470 2q11.2	---	0005634 // n	---	---
HGNC:2173 3p26	0007155 // ce	0005886 // pl	0005515 // pr	---
HGNC:19348 11p15.5	0006810 // tr	0000139 // G	0005484 // S	---
HGNC:490 M 9q34	0007165 // si	0005576 // ex	0005102 // re	---
HGNC:329 M 1p36.33	0007009 // pl	0005576 // ex	0005200 // st	---
HGNC:19714 14q21	0016042 // lig	0005737 // cy	0016787 // hy	---
HGNC:22918 11q12.3	0006350 // tr	0005622 // in	0003677 // D	---
- 5q32	---	---	---	---

HGNC:9893|120q11.2 0000122 // ne 0005634 // nl 0005515 // pr Cell\_cycle\_KEGG // GenMAP  
HGNC:100|M 12q12 0006810 // tr: 0005886 // pl: 0005216 // io ---  
HGNC:6656|15q15 0006508 // pr 0005576 // ex 0004177 // ar ---  
HGNC:16521| - 0006810 // tr: 0005886 // pl: 0000166 // nl ---  
HGNC:17546| 14q24.3 0000122 // ne 0005634 // nl 0003677 // DI ---  
HGNC:14010| 15q14 0006350 // tr: 0005634 // nl 0003677 // DI ---  
HGNC:16462| 9q33.3 0006928 // ce 0005622 // in: 0003677 // DI ---  
HGNC:27375| 12q14.3 0055114 // ox 0005739 // m 0008113 // pe ---  
HGNC:9502|19q13.33 0006897 // er 0005622 // in: 0005085 // gu ---  
HGNC:4226|1Xq28 0007165 // sig 0005624 // m 0005092 // GI ---  
HGNC:13524| 21q22.3 0006606 // pr 0005634 // nl --- ---  
HGNC:29399| 5p15.33 0035023 // re 0005622 // in: 0005089 // Rf ---  
HGNC:6196|16p24-p23 0000122 // ne 0005622 // in: 0003677 // DI ---  
HGNC:16522| 11p11.2 0046716 // m 0000139 // Gc 0016740 // tr: ---  
HGNC:26007| Xp11.3 0006350 // tr: 0005622 // in: 0003676 // nl ---  
HGNC:12326| Xp11.22-p11.2 0007155 // ce 0005886 // pl: 0005515 // pr ---  
HGNC:19343| 1p31.1 0006486 // pr 0000139 // Gc 0008373 // sig ---  
HGNC:18117| 8q24.2 0006350 // tr: 0005634 // nl 0003723 // Rf ---  
- 1p13.2 --- --- --- ---  
HGNC:6319|15q31 0001822 // kir 0005874 // m 0000166 // nl ---  
HGNC:14107| 20q13.31|20c 0030521 // ar 0005886 // pl: 0005515 // pr ---  
HGNC:30844| 16p11.2 --- 0005783 // er 0004872 // re ---  
HGNC:10669| 18q22.3 0006350 // tr: 0005622 // in: 0003677 // DI ---  
HGNC:15483| 5q31 0006464 // pr 0005634 // nl 0000166 // nl ---  
HGNC:13748| 13q14.3 0007049 // ce --- --- ---  
HGNC:18052| 9p13 --- --- 0005515 // pr ---  
HGNC:17393| 2q24.2 0019941 // m --- 0008270 // zir ---  
HGNC:3501|11p22.1 0007049 // ce 0005622 // in: 0005097 // Ra ---  
HGNC:20225| 19q13.2 0006350 // tr: 0005622 // in: 0005515 // pr ---  
HGNC:18169| 17q21.2 0006457 // pr 0005783 // er 0003755 // pe ---  
HGNC:13149| 6p21.3-p21.2 0006350 // tr: 0005622 // in: 0003676 // nl ---  
HGNC:10328| 17q21.1-q21.2 0006412 // tr: 0005622 // in: 0003735 // st ---  
HGNC:13877| 17q25.1 0006810 // tr: 0005886 // pl: 0005216 // io ---  
HGNC:14673| 3p21.31 --- --- 0008270 // zir ---  
HGNC:14005| 7q21 0006508 // pr 0005634 // nl 0003676 // nl ---  
HGNC:18794| 19p13 --- 0005576 // ex 0005201 // ex ---  
HGNC:29223| 4q28.1 --- --- --- ---  
HGNC:25401| 7q22.1 --- 0016020 // m --- ---  
HGNC:27029| 5p15.2 --- 0016020 // m --- ---  
HGNC:188|M 15q2|15q22 0001701 // in 0005576 // ex 0004175 // er Hypertrophy\_model // GenM  
HGNC:25193| 2p25.1 --- 0016020 // m 0008415 // ac ---  
HGNC:1800|14q21.23 0006629 // lip 0005783 // er 0000287 // m ---  
HGNC:21744| 15q25.2 0006397 // m 0005737 // cy 0003676 // nl ---  
HGNC:14539| 17q25.3 --- --- 0000166 // nl ---  
HGNC:19353| 15q24.2 0000122 // ne 0000776 // kir 0003677 // DI ---  
HGNC:25789| 15q25.2 0006412 // tr: --- 0000166 // nl ---  
HGNC:16058| 5q12.3 0006508 // pr 0005737 // cy 0004222 // m ---  
HGNC:25784| 2q31.1 --- 0005634 // nl --- ---

HGNC:3959|12qter 0001501 // sk 0005576 // ex 0005515 // pr ---  
HGNC:15844|22cen-q12.3 0006605 // pr 0005624 // m 0005515 // pr ---  
HGNC:29365|4p16.1 0006350 // tr: 0005622 // in: 0003677 // DI ---  
HGNC:9702|17p13 0006350 // tr: 0005634 // n: 0000900 // tr: ---  
HGNC:17753|4q23 --- 0016020 // m --- ---  
HGNC:17025|6p12.3-p11.2| 0007155 // ce 0005576 // ex 0005198 // st: ---  
HGNC:26601|20q13.33 --- --- --- ---  
HGNC:13601|6q16.1-q16.3 0006511 // ut 0000151 // ut --- ---  
HGNC:20973|19p13.2 0007165 // si: 0005886 // pl: 0004871 // si: GPCRDB\_Class\_B\_Secretin-li  
Ensembl:ENSC4p16.3 --- --- --- ---  
HGNC:15520|13q14 0007165 // si: 0005886 // pl: 0004871 // si: GPCRDB\_Class\_A\_Rhodopsir  
HGNC:24190|1p36.12 --- 0005886 // pl: 0004860 // pr ---  
HGNC:12778|1q42 0007223 // W 0005576 // ex 0004871 // si: ---  
- 10p11.23 --- --- --- ---  
HGNC:4097|19q22.1-q22.2 0000185 // ac --- 0005515 // pr ---  
HGNC:23383|9q33.2 0006350 // tr: 0005622 // in: 0003676 // n: ---  
HGNC:25761|1q41 0007275 // m --- 0005515 // pr ---  
HGNC:18578|Xp22.2 --- 0005737 // cy --- ---  
HGNC:11226|15q14 --- 0005634 // n: --- ---  
HGNC:6700|1p34 0006508 // pr 0005576 // ex 0004872 // re ---  
HGNC:5967|19p13 --- 0005887 // in: 0004871 // si: ---  
HGNC:9983|19p13.3-p13.2 0006350 // tr: 0005634 // n: 0003677 // DI ---  
HGNC:4474|17q21.1-q21.1: 0006935 // ch 0005886 // pl: 0004871 // si: GPCRDB\_Class\_A\_Rhodopsir  
HGNC:17967|12q12 0001816 // cy 0005634 // n: 0000166 // n: ---  
HGNC:10734|2p13.1 0007267 // ce 0005624 // m 0004872 // re ---  
HGNC:11774|1p33-p32 0001837 // e: 0005576 // ex 0004872 // re TGF\_Beta\_Signaling\_Pathwa  
HGNC:11023|1p21 0006047 // UI 0000139 // G: 0005338 // n: ---  
HGNC:234|M 2p23.3 0006171 // cA 0005886 // pl: 0000287 // m Calcium\_regulation\_in\_cardi  
HGNC:10826|2q37.1-q37.2 0006897 // er 0005634 // n: 0004871 // si: ---  
- 12q12 --- --- --- ---  
HGNC:4402|19q31.3 0007165 // si: 0005834 // h: 0003924 // G: G\_Protein\_Signaling // Gen  
HGNC:23625|9p13.3 --- 0005737 // cy --- ---  
HGNC:1441|17q33 0006928 // ce 0005624 // m 0003779 // ac ---  
HGNC:16661|4q34 --- --- --- ---  
HGNC:18622|16p12.2 0006486 // pr 0000139 // G: 0005515 // pr ---  
HGNC:18858|1q23.2 0006506 // GI 0005783 // er 0016740 // tr: ---  
HGNC:13241|22q13.31 --- 0005634 // n: --- ---  
HGNC:3313|19p21 0006355 // re --- 0000166 // n: ---  
HGNC:28833|2q31.1 0006200 // A: 0005622 // in: 0000166 // n: ---  
HGNC:8487|1p32 0006260 // DI 0005634 // n: 0000166 // n: Cell\_cycle\_KEGG // GenMAP  
HGNC:5395|1q22 0006350 // tr: 0005634 // n: 0003677 // DI ---  
HGNC:26033|7q22.3 0001522 // ps --- 0003723 // R: ---  
HGNC:14628|2q31 0006350 // tr: 0005634 // n: --- ---  
HGNC:13918|6p21.3 0001775 // ce 0005634 // n: 0005164 // tu ---  
HGNC:26524 12p13.2 --- --- --- ---  
HGNC:9441|19Xp22.3 0006468 // pr --- 0000166 // n: ---  
HGNC:4767|16p21.3 0006334 // n: 0000786 // n: 0003677 // DI ---  
HGNC:11110|1p35.3 0006325 // es 0005622 // in: 0003677 // DI ---

HGNC:7756 1q23.1	0007417 // ce 0005856 // cy 0005198 // st---
HGNC:32611   17q12	--- --- --- ---
HGNC:4250 122q11.23	0006520 // ar 0016020 // m 0003840 // ga Eicosanoid_Synthesis // Gen
HGNC:17479 4q21.1	--- 0005634 // nL 0005515 // pr---
HGNC:13111 19q13.2	0006350 // tr: 0005622 // in: 0003676 // nL---
HGNC:28900 7q31	0006629 // liq 0000139 // Gc 0003676 // nL Eicosanoid_Synthesis // Gen
HGNC:7153 17q	0019835 // cy 0005624 // m 0004872 // re---
HGNC:24314 19q13.12	--- 0005737 // cy---
HGNC:10770 16q22.1	0000398 // nL 0005634 // nL 0003676 // nL---
HGNC:12643 17p13.1	0016192 // ve 0005887 // in: 0005515 // pr---
HGNC:10662 8q12	0006612 // pr 0005634 // nL 0005137 // in:---
HGNC:17078 3p22.3	0007026 // nE 0000777 // cc 0005488 // bi---
HGNC:2370 Xp11.4-p11.2	0006350 // tr: 0000119 // m 0003712 // tr:---
HGNC:29262 3q25.33	--- 0005737 // cy---
HGNC:24457 12q13.3	0007219 // nL 0005737 // cy 0005515 // pr---
HGNC:10545 4q32-q34	0006631 // fa 0005783 // er 0000254 // C- Cholesterol_Biosynthesis // t
HGNC:4787 6p21.3	0006325 // es 0000786 // nL 0003677 // DI---
HGNC:28704 15q26.1	--- --- 0016301 // kil---
- 12p13.33	--- --- --- ---
HGNC:30695 12q24.11	--- --- 0000287 // m---
HGNC:12626 15q22.3	0006511 // ut--- 0004221 // ut---
HGNC:10979 22q11.21	0006810 // tr: 0005739 // m 0005215 // tr: Fatty_Acid_Synthesis // Gen
HGNC:11627 20p13	0001756 // sc 0005634 // nL 0003677 // DI---
HGNC:2938 15q21.2	--- 0008021 // sy 0017137 // Rα---
HGNC:3265 14q23.3	0006412 // tr: 0005634 // nL 0003723 // R Translation_Factors // GenN
HGNC:28854 19q13.43	0006350 // tr: 0005622 // in: 0003676 // nL---
HGNC:25108 19q13.43	0006350 // tr: 0005622 // in: 0003676 // nL---
HGNC:3660 2p21	0007165 // siq--- 0005515 // pr---
HGNC:9816 5q31	0000019 // re 0000781 // ch 0000014 // sir---
HGNC:5133 2q31.1	0001501 // sk 0005634 // nL 0003677 // DI---
HGNC:10306 3p24.2	0006412 // tr: 0005622 // in: 0003723 // R Ribosomal_Proteins // GenN
HGNC:18540 19q13.33	0006629 // liq 0005739 // m 0004095 // ca---
HGNC:30898 10q24.2	0007049 // ce--- --- ---
HGNC:25203 8q24.13	--- 0016020 // m---
HGNC:29177 12q14.1	0006754 // A 0000276 // m 0005488 // bi---
HGNC:8792 6q23-q24	0007165 // siq--- 0003824 // ca G_Protein_Signaling // GenN
HGNC:9454 4p15.32	0007601 // vi: 0005615 // ex---
HGNC:16015 2p13.1	--- --- 0005515 // pr---
HGNC:8828 E 14q21	--- 0005829 // cy 0005515 // pr---
HGNC:30574 18p11.21	0006350 // tr: 0005622 // in: 0003676 // nL---
HGNC:21150 18q12.1	0006955 // in: 0005622 // in: 0005515 // pr---
HGNC:2372 6q22.33-q24.1	0006350 // tr: 0005634 // nL 0003713 // tr:---
HGNC:15898 20p12.1	0006350 // tr: 0005634 // nL---
HGNC:16051 10p11.21	0006461 // pr 0005737 // cy 0005515 // pr---
HGNC:26321 2p13.3	0006508 // pr 0016020 // m 0004190 // as---
HGNC:16636 1p36.2	0007018 // m 0005737 // cy 0000166 // nL---
HGNC:10724 3p21.3	0007267 // ce 0005576 // ex 0004872 // re---
HGNC:6897 14q32.3	0006468 // pr--- 0000166 // nL---

HGNC:24305 12p13.3	0007049 // ce 0000228 // nt 0005488 // bi ---
HGNC:10345 3q29-qter	0006364 // rR 0005622 // in: 0000049 // tR Ribosomal_Proteins // GenV
HGNC:21198 16p13.3	--- 0005634 // nt --- ---
HGNC:23354 10p11.21	--- 0005634 // nt --- ---
HGNC:20889 1p13.1	--- 0005737 // cy 0005515 // pr ---
HGNC:29573 3q13.2	--- 0005737 // cy --- ---
HGNC:25799 4p12	--- 0005737 // cy 0000166 // nt ---
HGNC:1497 Xp11.4	0006468 // pr 0005624 // m 0000166 // nt ---
HGNC:29023 15q15.3	0006020 // in: 0005737 // cy 0000827 // in: ---
HGNC:26520 19q13.33	0006470 // pr 0016020 // m 0004725 // pr ---
HGNC:28455 16q24.3	--- 0005737 // cy 0005515 // pr ---
HGNC:15842 5q12.3	0007049 // ce 0005604 // bε 0005176 // Er ---
HGNC:17016 17q21.32	0006260 // DI 0005622 // in: 0003700 // tr: ---
HGNC:17485 14q13.2	--- 0005634 // nt 0005509 // ca ---
HGNC:18989 2p23.3	0007165 // siξ 0005886 // pl: 0004871 // siξ ---
HGNC:17847 6p21	0006464 // pr 0005634 // nt 0000166 // nt ---
HGNC:12729 14q32.31	0006412 // tr: 0005625 // so 0000166 // nt ---
HGNC:7529 16q24.3	0006694 // st: 0005782 // pε 0000166 // nt Cholesterol_Biosynthesis //
HGNC:23188 7q31.1	--- --- 0003676 // nt ---
HGNC:28868 7p11	0006412 // tr: 0005634 // nt 0000166 // nt ---
HGNC:11585 Xp22.3	0006350 // tr: 0005634 // nt --- ---
HGNC:14255 3p26-p25	0006350 // tr: 0005622 // in: 0003677 // DI ---
HGNC:16854 4q32.1	0000165 // M 0005622 // in: 0004871 // siξ ---
HGNC:21517 7q22-q31	0008033 // tR --- 0003824 // ca ---
HGNC:20190 14q21.2	0007049 // ce 0000775 // ch 0003677 // DI ---
HGNC:28407 3q29	0006508 // pr 0005634 // nt 0008233 // pε ---
HGNC:24618 1q44	0006350 // tr: 0005634 // nt 0003677 // DI ---
HGNC:4646 14q31.1	0006350 // tr: 0005634 // nt 0003677 // DI ---
HGNC:24179 17q21.33	--- --- --- ---
HGNC:18782 10q21	--- 0005737 // cy 0004713 // pr ---
HGNC:29501 1p13.3	0007165 // siξ 0005737 // cy 0005096 // G <sup>-</sup> ---
HGNC:4912 5q31.2	0007165 // siξ 0005634 // nt 0003824 // ca ---
HGNC:26561 19q13.43	0006350 // tr: 0005622 // in: 0003676 // nt ---
HGNC:10762 3p26.1	0006281 // DI 0005634 // nt 0003677 // DI ---
HGNC:3153 1q21	0043123 // pε 0005576 // ex 0004871 // siξ ---
HGNC:5234 6p21.3	0000723 // te --- 0000166 // nt ---
HGNC:20310 13q34	0032313 // re 0005622 // in: 0005096 // G <sup>-</sup> ---
HGNC:18429 9q31.3	0006691 // le 0005737 // cy 0003824 // ca ---
HGNC:12870 Yp11.3	0006350 // tr: 0005622 // in: 0003676 // nt ---
HGNC:3319 Xq26	0001787 // nε 0005634 // nt 0003677 // DI ---
HGNC:1858 9q33-q34	0007049 // ce 0005813 // ce 0005515 // pr ---
HGNC:12859 2p11.2	0006810 // tr: 0005737 // cy 0005515 // pr ---
HGNC:9089 4q31.2-q32.1	0006397 // m 0005634 // nt 0003714 // tr: ---
HGNC:34006 2q33.3	0007242 // in: --- 0008270 // zir ---
HGNC:29263 5q14.3	--- 0005737 // cy --- ---
HGNC:3656 10q24	0006936 // m 0005634 // nt 0005515 // pr ---
MIM:608240 12q24.31	--- 0016020 // m 0004190 // as ---
HGNC:9397 E 20q13.12	--- --- 0005515 // pr ---

HGNC:26662 22q12.2	---	---	---	---
HGNC:2314 120q11.22	0006629 // li	0005634 // n	0000166 // n	---
HGNC:13003 19q13.4	0006350 // tr	0005622 // in	0003676 // n	---
HGNC:9683 11p35.3-p35.1	0006470 // pr	0005887 // in	0004721 // p	---
HGNC:30285 4q13.3	0007275 // m	0030175 // fil	0008270 // zir	---
HGNC:20871 6p12.1	---	---	---	---
HGNC:5047 11p36.12	0000398 // n	0005634 // n	0000166 // n	mRNA_processing_Reactom
HGNC:30493 15q25.2	---	0005737 // cy	0003779 // ac	---
HGNC:29850 16q12.1	---	0005634 // n	---	---
HGNC:18714 3p21.1	0000184 // n	0005634 // n	0005515 // pr	---
HGNC:16939 5q33.3	0000380 // al	0005634 // n	0000386 // se	---
HGNC:2203 113q34	0016525 // n	0005576 // ex	0005201 // ex	---
HGNC:3267 11Xp22.2-p22.1	0006412 // tr	0005829 // cy	0000166 // n	Translation_Factors // GenM
- 8q11.23	---	---	---	---
HGNC:17004 8q21	0006464 // pr	0000151 // uk	0004842 // uk	---
HGNC:22412 7q22.1	---	---	---	---
HGNC:23925 18q21.1	0016070 // R	---	0005488 // bi	---
HGNC:33520 15q25.1	0007049 // ce	---	---	---
HGNC:29191 4p13	0031032 // ac	---	0003779 // ac	---
HGNC:21114 6p21.2	---	0016020 // m	---	---
HGNC:28920 1q44	---	0005737 // cy	---	---
HGNC:26716 5q12.3	0006397 // m	---	0003676 // n	---
HGNC:29857 19p13.12	---	0005622 // in	0003677 // DI	---
HGNC:792 M 12q13	0006350 // tr	0005622 // in	0003676 // n	---
HGNC:17777 20p13	0000209 // pr	0000151 // uk	0004672 // pr	---
HGNC:26711 19p13.3	---	---	0005515 // pr	---
HGNC:14090 11Xq22.1-q22.3	0006810 // tr	0005886 // pl	0000166 // n	---
HGNC:23489 10p14	0008152 // m	0005739 // m	0003824 // ca	---
HGNC:19297 3q29	0006468 // pr	0005886 // pl	0000166 // n	---
HGNC:2516 115p15.2	0006350 // tr	0005634 // n	0005488 // bi	---
HGNC:2680 1120q13.33	0006350 // tr	0005634 // n	0005515 // pr	---
HGNC:15974 4q31.3	---	0005622 // in	0005515 // pr	---
HGNC:11896 6q23	0006915 // a	0005634 // n	0003677 // DI	---
HGNC:19737 12q13.13	0007242 // in	0005886 // pl	0004721 // p	---
HGNC:18584 1p36.11	0008285 // n	0016020 // m	0004872 // re	---
HGNC:17293 19q13.3	0006468 // pr	0005622 // in	0000166 // n	---
HGNC:15600 6q24	0019941 // m	---	0008270 // zir	---
HGNC:22880 Xp11	---	---	---	---
HGNC:795 M 11q22-q23	0000077 // DI	0005634 // n	0003677 // DI	Cell_cycle_KEGG // GenMAP
HGNC:7853 115q31	0006183 // G	---	0004550 // n	---
HGNC:3547 11Xq28	---	0005634 // n	---	Blood_Clotting_Cascade // C
HGNC:6467 1114q22.1	0007018 // m	0005624 // m	0004872 // re	---
HGNC:24785 19p13.11	---	---	---	---
HGNC:701 M 11p15	0006350 // tr	0005634 // n	0003677 // DI	Circadian_Exercise // GenM
HGNC:903 M 16p13.3	0006915 // a	0005622 // in	0004871 // si	Wnt_signaling // GenMAPP
HGNC:1554 1117q25.3	0000122 // n	0000785 // ch	0003682 // ch	---
HGNC:2364 1119p12	---	0005576 // ex	0004872 // re	---
HGNC:11958 12q24.33	0016568 // ch	0005634 // n	0000166 // n	---

HGNC:28719	4p16.3	---	---	---	---
HGNC:17512	5q14.2	0003009 // sk	0005624 // m	0005515 // pr	---
HGNC:32965	8q13 8q13	---	---	---	---
HGNC:16281	1q42.13	0019941 // m	0005622 // in	0005515 // pr	---
HGNC:21026	6q14.3	---	---	---	---
HGNC:19743	14q24	0006493 // pr	0005783 // er	0000030 // m	---
HGNC:28139	12p12.1	---	0005576 // ex	---	---
HGNC:21054	6q25.3	---	---	---	---
-	10q23.2	---	---	---	---
HGNC:4964	6p21.3	0002474 // ar	0016020 // m	0005515 // pr	Proteasome_Degradation //
HGNC:11454	16p12.1	0006584 // ca	0005737 // cy	0004062 // ar	---
HGNC:7614	8p23.3	0006936 // m	0005634 // nl	0008307 // st	---
HGNC:24949	4q31.21	---	---	0005515 // pr	---
HGNC:11270	13q31.1	0007165 // si	0005737 // cy	0005515 // pr	---
HGNC:7773	22q12.2	0001707 // m	0001726 // ru	0005488 // bi	---
HGNC:23720	7q34	0006350 // tr	0005634 // nl	0003677 // DI	---
HGNC:16006	12q13.11-q13	0006350 // tr	0005634 // nl	0003677 // DI	---
HGNC:11769	14q24	0000187 // ac	0005576 // ex	0005114 // ty	---
HGNC:18590	22q13.31	0006629 // li	0016020 // m	0004623 // pl	---
HGNC:9456	3q11.2	0007596 // bl	0005576 // ex	0004866 // er	---
HGNC:10964	11p15.5	0006810 // tr	0005886 // pl	0005215 // tr	---
HGNC:6761	2p13-p12	0006350 // tr	0005634 // nl	0003677 // DI	---
HGNC:24446	3q21.3	---	---	---	---
HGNC:7373	Xq11.2-q12	0006928 // ce	0001931 // ur	0005102 // re	---
HGNC:4069	15q26.1	---	0005622 // in	0004872 // re	---
HGNC:18006	3p21.1	0006006 // gl	0005624 // m	0004872 // re	---
HGNC:30288	1q32.1-q32.2	0006260 // DI	0005634 // nl	0005515 // pr	---
HGNC:9848	2q12.3	0006457 // pr	0005622 // in	0003755 // pe	---
HGNC:23329	16q22.1	0006350 // tr	0005622 // in	0003676 // nl	---
HGNC:4897	17q25	0006810 // tr	0005737 // cy	0005515 // pr	---
HGNC:4931	6p21.3	0002474 // ar	0000139 // G	0005515 // pr	Proteasome_Degradation //
HGNC:273	M 3p21.31-p21.1	0006281 // DI	0005634 // nl	0003824 // ca	---
HGNC:23687	1p36.23	0007165 // si	0005886 // pl	0004871 // si	---
-	5q13	0005975 // ca	---	0003824 // ca	---
HGNC:5114	17q21.3	0006350 // tr	0005634 // nl	0003677 // DI	---
HGNC:33116	11p15.2	0007275 // m	0005737 // cy	0005488 // bi	---
HGNC:25766	3q21.1	---	---	---	---
HGNC:26726	19q13.12	0006350 // tr	0005622 // in	0003676 // nl	---
HGNC:21557	6q21	0006457 // pr	---	0003755 // pe	---
HGNC:583	M 5q21-q22	0000281 // cy	0000776 // ki	0005488 // bi	Wnt_signaling // GenMAPP
HGNC:10504	4p16	0043542 // er	0005634 // nl	0000287 // m	---
HGNC:29406	5q33.3	---	---	---	---
HGNC:23330	16q24.3	0006350 // tr	0005622 // in	0003676 // nl	---
HGNC:3255	2p12	0001501 // sk	0005737 // cy	0000166 // nl	Translation_Factors // GenM
HGNC:24225	8q24.3	---	0005576 // ex	---	---
HGNC:15682	3q26.2	0007275 // m	0005634 // nl	0003677 // DI	---
HGNC:21474	9q34.3	0006629 // li	0005794 // G	0004437 // in	---
HGNC:19876	10p11	0000122 // n	0005634 // nl	0016563 // tr	---



HGNC:24432 12q13.2	0006350 // tr:0005634 // nt 0003676 // nt ---
NA NA	0009968 // ne --- 0004871 // siξ ---
HGNC:25539 16q23.1	--- --- 0005515 // pr ---
HGNC:16379 11p15	0006355 // re 0005622 // in: 0003700 // tr: ---
HGNC:14359 5p15.33	0006355 // re 0005634 // nt 0003677 // DI ---
HGNC:13581 1p36.22	0006464 // pr 0043197 // de 0001948 // gl ---
HGNC:13307 12p13.31	0007165 // siξ 0005886 // pl: 0004871 // siξ GPCRDB_Class_A_Rhodopsin
HGNC:10728 3p21.3	0007275 // m 0005576 // ex 0004872 // re ---
HGNC:9298 17q21.33	0001560 // re 0000164 // pr 0003779 // ac ---
HGNC:2556 11q22-q23	0000082 // G: 0005737 // cy 0004872 // re ---
HGNC:16392 11p15.4	0006810 // tr: 0005829 // cy 0005515 // pr ---
HGNC:6858 1p36.11	0006468 // pr --- 0000166 // nt ---
HGNC:2468 10q25	0006281 // DI 0000800 // lat 0000166 // nt ---
HGNC:23181 7q22	0007165 // siξ 0005622 // in: 0005096 // G ---
HGNC:14879 13q14.12-q14	0016180 // sn 0005634 // nt 0004888 // tr: ---
HGNC:3791 11q13.3-q14.1	0006898 // re 0005576 // ex 0004872 // re ---
HGNC:26057 9q21.13	0019363 // py --- 0000166 // nt ---
HGNC:28380 19p13.11	0006810 // tr: 0005739 // m 0005488 // bi ---
HPRD:17547 14q11.2	--- --- --- ---
HGNC:2936 19q13.3	0007126 // m --- --- ---
HGNC:6349 13q22.1	0001525 // ar 0005622 // in: 0003676 // nt ---
HGNC:25498 11q21	0006350 // tr: 0005634 // nt 0005506 // ir ---
HGNC:1929 14q32	0008217 // re 0005576 // ex 0005509 // ca ---
HGNC:28381 Xp22.2	--- 0005783 // er 0005198 // st ---
HGNC:3431 12q13	0006468 // pr 0005576 // ex 0000166 // nt ---
HGNC:16792 1q25	0000184 // nt 0005634 // nt 0005515 // pr ---
HGNC:680 M 16p13.3	0001666 // re 0005624 // m 0003756 // pr G13_Signaling_Pathway // G
HGNC:11010 1p36.2	0005975 // ca 0005886 // pl: 0005215 // tr: ---
HGNC:12488 22q11.21	0006464 // pr 0000151 // ut 0004842 // ut ---
HGNC:17964 14q24.1	0006810 // tr: 0005622 // in: 0003824 // ca ---
HGNC:15677 10q23.3	0006471 // pr 0000139 // G: 0003950 // N ---
HGNC:7417 8q24.12	0007049 // ce --- 0005515 // pr ---
HGNC:6346 13q22	0000122 // ne 0005622 // in: 0003676 // nt ---
HGNC:24943 5q21.1	--- 0016020 // m --- ---
HGNC:3763 13q12	0001525 // ar 0005576 // ex 0000166 // nt ---
HGNC:26664 17q21.32	0006464 // pr 0005929 // cil 0004835 // tu ---
HGNC:31792 4p16.1	--- --- 0003677 // DI ---
HGNC:727 M 1p33-p32	0007165 // siξ 0005576 // ex 0005102 // re ---
HGNC:14253 19p12	0008610 // liξ 0000139 // G: 0005125 // cy ---
HGNC:25392 19q13.12	0006350 // tr: 0005622 // in: 0003676 // nt ---
HGNC:28443 15q25.2	--- --- --- ---
HGNC:28705 17p13	--- --- --- ---
HGNC:1515 5q15	--- --- 0004866 // er ---
HGNC:13029 13q12	--- 0005634 // nt 0008270 // zir ---
HGNC:30278 3p25.1-p24.3	--- 0005886 // pl: --- ---
HGNC:2537 9q21-q22	0006508 // pr 0005576 // ex 0004197 // cy ---
HGNC:16861 1q21	0006350 // tr: 0005634 // nt 0003676 // nt ---
HGNC:12006 6q22-q23	0000086 // G: 0005737 // cy 0005515 // pr ---

HGNC:4456|12q24.1 0006072 // gl:0005739 // m:0004368 // gl:Fatty\_Acid\_Degradation // C  
HGNC:4760|11q21-q23 0006334 // nl:0000786 // nl:0003677 // DI---  
HGNC:17037|6q25.1-q25.3 0000154 // rR:0005739 // m:0000179 // rR---  
HGNC:16435|20q11.21 --- 0005783 // er:0004190 // as---  
HGNC:14623|8p21.2 0007049 // ce:0005634 // nl--- ---  
HGNC:7593|15p15.1-p14.3 0007165 // si:0005856 // cy:0000166 // nl---  
HGNC:12841|18p11.31-p11 0006464 // pr:0005624 // m:0000166 // nl---  
HGNC:2515|11q11 0006350 // tr:0005634 // nl:0005488 // bi---  
HGNC:28057 3q25.33 --- --- --- ---  
HGNC:20421|13q12.2 --- --- 0005515 // pr---  
HGNC:26928|3q22.1 0008283 // ce:0005737 // cy--- ---  
- 19p13.2 --- --- --- ---  
HGNC:19042|10p12.1 0006468 // pr--- 0000166 // nl---  
HGNC:11453|16p12.1 0006584 // ca:0005737 // cy:0004062 // ar---  
HGNC:427|M 2p23 0006334 // nl:0005634 // nl:0000166 // nl:Nuclear\_Receptors // GenM.  
HGNC:9763|8q12.1 0006810 // tr:0000139 // G:0000166 // nl---  
HGNC:23785|2q34 0006898 // re:0005768 // er:0000166 // nl---  
HGNC:20851|1p22.1 0006897 // er:0005737 // cy:0008289 // li:---  
HGNC:5261|12q33.1 0002368 // B:0005615 // ex:0000166 // nl---  
HGNC:11148|7p22 0008283 // ce:0005737 // cy:0003779 // ac---  
HGNC:6871|12q11.2|22q11 0000165 // M:0005634 // nl:0000166 // nl:MAPK\_Cascade // GenMAPP  
HGNC:18132|1q22-q23 0007275 // m:0005886 // pl--- ---  
HGNC:7883|19p13.2-p13.1 0006350 // tr:0005634 // nl:0004872 // re---  
HGNC:23486|7q22.1 --- --- 0008270 // zir---  
HGNC:29335|- --- 0016020 // m--- ---  
HGNC:29367|8q22.1 0006334 // nl:0005634 // nl--- ---  
HGNC:24292|10q11.21 0030166 // pr:0005794 // G:0005515 // pr---  
- 12p11.21 --- 0005576 // ex:0004867 // se---  
HGNC:25184|1q41 --- 0005737 // cy:0005516 // ca---  
HGNC:27371|13q14.13 0006810 // tr:0005739 // m:0005488 // bi---  
HGNC:26796|19q13.2 0006350 // tr:0005634 // nl--- ---  
HGNC:26496|16p11.2 0006350 // tr:0005622 // in:0003676 // nl---  
- - --- --- --- ---  
- 1q21.1 --- --- --- ---  
HGNC:21082|6q21 0006457 // pr:0005783 // er:0004872 // re---  
HGNC:17074|17q11 0006955 // in:0005737 // cy:0004888 // tr:---  
HGNC:6782|7p22.3 0006350 // tr:0005634 // nl:0003677 // DI---  
HGNC:3760|11q12-q13 0007155 // ce:0005578 // pr:0005057 // re---  
HGNC:10461|12q24.3 0007067 // m:0000776 // ki:0003676 // nl---  
HGNC:13103 10q11.21 --- --- --- ---  
- 15q22.31 --- --- --- ---  
HGNC:10965|11p15.5 --- --- --- ---  
HGNC:26897|7q11.21 0006350 // tr:0005622 // in:0003676 // nl---  
HGNC:30043|8q21.13 0006955 // in:0005886 // pl:0005070 // S:---  
HGNC:22978|1p34.1 0006350 // tr:0005634 // nl:0003676 // nl---  
HGNC:23803|18q23 0006350 // tr:0005622 // in:0003677 // DI---  
HGNC:9590|10p12 0009056 // ca--- 0003723 // R:---  
HGNC:28703|11p15.5 0007155 // ce:0005624 // m:0005509 // ca---

-	16q24.2	---	---	---	---
HGNC:10059	6p21.3	0043123 // pc	0005622 // in	0004871 // sig	---
HGNC:18633	14q24.3	---	0005634 // nl	---	---
HGNC:7668	2p23	0006350 // tr	0005634 // nl	0003677 // DI	---
HGNC:29380	2p23	0006350 // tr	0005622 // in	0003677 // DI	---
HGNC:217	M 21q21.2	0001542 // ol	0005576 // ex	0004222 // m	---
HGNC:6400	17q21.32	---	---	---	---
HGNC:8852	15q26.1	0007031 // pe	0005777 // pe	---	---
HGNC:12734	13q12	0006461 // pr	0005737 // cy	0003779 // ac	---
HGNC:9883	20pter-p12.1	0007049 // ce	0005634 // nl	0005515 // pr	---
HGNC:3586	6p22-p21	0006281 // DI	0005634 // nl	0005515 // pr	---
HPRD:14301	16p12.2	---	---	0003743 // tr	---
HGNC:16528	19q13.33	0009653 // ar	0005576 // ex	0004871 // sig	---
HGNC:27346	10p12.2	---	---	---	---
HGNC:11442	6q23.1	0006886 // in	0005768 // er	0005484 // S	---
HGNC:5960	8p11.2	0001782 // B	0005737 // cy	0000166 // nl	Apoptosis // GenMAPP
HGNC:25195	Xq22.2	---	0005634 // nl	---	---
-	3q21.3	---	---	---	---
HGNC:967	M 16q21	0007288 // sp	0005737 // cy	0005515 // pr	---
HGNC:10524	16q12.1	0001657 // ur	0005622 // in	0003676 // nl	---
HGNC:15573	18q21.1	---	0005634 // nl	0003677 // DI	---
HGNC:16386	1p32.3	0006810 // tr	---	---	---
HGNC:29869	19p13.3	0007242 // in	0005737 // cy	0005515 // pr	---
HGNC:21167	Xq28	---	0005737 // cy	0005515 // pr	---
HGNC:18143	6p21.2	0016043 // ce	---	0003779 // ac	---
HPRD:18764	12q21.1	---	---	---	---
HGNC:17054	10q26.11	---	---	0016787 // hy	---
HGNC:29535	1p22.1	---	0005634 // nl	0003676 // nl	---
HGNC:10667	9q34.3	---	0005737 // cy	---	---
HGNC:24552	11q12.2	0006071 // gl	---	0000166 // nl	---
HGNC:12557	9p24.1	0006464 // pr	0005634 // nl	0003677 // DI	---
HGNC:20751	4q21.23	---	0005737 // cy	0003831 // be	---
HGNC:24592	2q14.2	0006810 // tr	0005768 // er	0003824 // ca	---
HGNC:29658	15q26.1	0003007 // he	0005634 // nl	0003677 // DI	---
HGNC:1593	4q21.1	0000075 // ce	0005737 // cy	---	G1_to_S_cell_cycle_Reactor
HGNC:4716	6p21.3	0006334 // nl	0000786 // nl	0003677 // DI	---
HGNC:24113	3q29	0006754 // A	00016020 // m	0000166 // nl	---
HGNC:12425	12p13.3	0006355 // re	0005634 // nl	0005546 // pl	---
HGNC:12500	1p36.3	0000209 // pr	0000151 // uk	0004842 // uk	---
HGNC:29941	7q21-q22	0006355 // re	0005634 // nl	0003700 // tr	---
HGNC:9118	17p12-p11.2	0007268 // sy	0016020 // m	---	---
HGNC:29238	5q23.2	---	0005622 // in	0008270 // zir	---
HGNC:12313	10q21.3	0006350 // tr	0005622 // in	0005506 // irc	---
HGNC:29079	1p36.12	0000122 // ne	0005634 // nl	0003700 // tr	---
HGNC:24718	18q22	0045454 // ce	0005783 // er	0003756 // pr	---
HGNC:7629	12q23-q24.1	0006350 // tr	0005634 // nl	0003677 // DI	DNA_replication_Reactome
HGNC:27268	8p23.3	0006350 // tr	0005622 // in	0003676 // nl	---
HGNC:14068	17q21	0000122 // ne	0000118 // hi	0003714 // tr	Cell_cycle_KEGG // GenMAP

HGNC:25077 2q21.1-q21.2	---	---	---	---
HGNC:9207 15q31-q33	0006350 // tr:0005622 // in:0003676 // nu	---	---	---
HGNC:13621 12q21.3	0006810 // tr:0005887 // in:0005326 // ne	---	---	---
HGNC:18309 1p33	0007275 // m:0005576 // ex	---	---	---
HGNC:21037 19q13.43	0006350 // tr:0005622 // in:0003676 // nu	---	---	---
HGNC:23794 14q32.33	0006915 // aq:0005739 // m	---	---	---
HGNC:1777 17q21-q22	0000080 // G:0000307 // cy:0000166 // nu	---	---	---
HGNC:7136 19p22	0006350 // tr:0005634 // nu	---	---	---
HGNC:24576 16q24.3	0000076 // DI:0005634 // nu:0003677 // DI:DNA_replication_Reactome	---	---	---
- 19q11	---	---	---	---
HGNC:12304 19p13.3	0006897 // er:0005737 // cy:0004872 // re	---	---	---
HGNC:10852 12q12-q14	0006544 // gb:0005739 // m:0003824 // ca	---	---	---
HGNC:17908 9q33-q34	0006350 // tr:0005622 // in:0003676 // nu	---	---	---
MIM:609479 2q24.2	0000075 // ce:0005634 // nu:0000166 // nu	---	---	---
- 2q31.2	---	---	---	---
HGNC:26266 11q24.2	---	---	---	---
HGNC:6184 12pter-p25.1	0006897 // er:0005622 // in:0005070 // St	---	---	---
HGNC:17563 14q11.1	0001510 // Rf:0005634 // nu:0003723 // Rf:mRNA_processing_Reactom	---	---	---
HGNC:1331 19q33-q34	0000187 // ac:0005576 // ex:0004866 // er:Complement_Activation_Cla	---	---	---
HGNC:22408 2q35	0000045 // al:0005737 // cy:0000166 // nu	---	---	---
HGNC:29675 1p13.3	---	0005634 // nu	---	---
HGNC:9202 19q34.1	0005975 // ca:0005783 // er:0000030 // m	---	---	---
HGNC:10071 6p21.3	0006281 // DI:0000151 // uk:0003682 // ch	---	---	---
HGNC:21298 12q24.31	0006629 // liq:0005737 // cy:0003824 // ca	---	---	---
HGNC:16924 4p14	0007165 // siq:0005622 // in:0005096 // G	---	---	---
NA NA	---	---	---	---
HGNC:19869 22q11.21	0007155 // ce:0016020 // m:0004872 // re	---	---	---
HGNC:92 MIM:17p13-p11	0006629 // liq:0005739 // m:0003995 // ac:Fatty_Acid_Degradation // C	---	---	---
HGNC:23207 2q23.3	0006974 // re:0000781 // ch:0005488 // bi	---	---	---
HGNC:26787 1p13.1	---	---	---	---
HGNC:25581 4q13.2	0006464 // pr:0005737 // cy:0000166 // nu	---	---	---
HGNC:4367 15q31.3-q33.1	0001573 // ga:0005737 // cy:0004563 // be	---	---	---
HGNC:15550 1q42.1-q43	0006333 // ch:0000785 // ch:0003676 // nu	---	---	---
HGNC:30142 19p13.11	0007165 // siq:0005576 // ex:0005125 // cy	---	---	---
HGNC:14955 3q26.2	0006350 // tr:0005622 // in:0003676 // nu	---	---	---
HGNC:2323 12q35	0000050 // ur:0005622 // in:0000166 // nu	---	---	---
HGNC:20808 19p12	0006350 // tr:0005622 // in:0003676 // nu	---	---	---
HGNC:11646 20q13.3-qter	0006350 // tr:0001673 // m:0003677 // DI	---	---	---
HGNC:33488 15q15.1	---	---	---	---
HGNC:15808 20p12.3-p11.2	0000122 // ne:0005622 // in:0003676 // nu	---	---	---
HGNC:6822 1p13	0006491 // N:0000139 // G:0004571 // m	---	---	---
HGNC:9099 13q21.3	0007165 // siq:0005622 // in:0004872 // re	---	---	---
HGNC:4169 17p13.1	0007050 // ce:0005737 // cy:0003700 // tr:	---	---	---
HGNC:12738 17q25	0006887 // ex:0005737 // cy:0005515 // pr	---	---	---
HGNC:30536 9p24.1	---	0016020 // m	---	---
HGNC:6875 16p21.31	0006468 // pr	---	0000166 // nu	---
HGNC:26005 1q32.1	0000188 // in:0005737 // cy:0005515 // pr	---	---	---
HGNC:11498 22q13.1	---	0005887 // in	---	---

HGNC:17941|11q25 0007155 // ce 0005886 // pl 0005515 // pr ---  
HGNC:998|M 19q13.1-q13.2 0000060 // pr 0005634 // nt 0003677 // DI ---  
HGNC:30212|17q23.2-q23.3 --- --- 0005488 // bi ---  
HGNC:463|M 16q21 0000209 // pr 0000299 // in 0004842 // ut ---  
HGNC:7754|X 15q22.3-q23 0007155 // ce 0005886 // pl 0005515 // pr ---  
HGNC:19874|5q31 0006350 // tr 0005634 // nt 0003700 // tr ---  
HGNC:12649|20q13.33 0008219 // ce 0005624 // m 0005198 // st ---  
HGNC:671|M 2q23.3 0007155 // ce 0000139 // Gc 0000166 // nt ---  
HGNC:16212|20p13 --- --- 0005515 // pr ---  
HGNC:3810|X 6p25.3 0006350 // tr 0005634 // nt 0003677 // DI ---  
- 17q21.31 --- --- --- ---  
HGNC:2345|X 2q34 0006350 // tr 0005634 // nt 0003677 // DI ---  
- 3p25.3 --- --- --- ---  
HGNC:19967|14q32.11 0001932 // re 0005626 // in 0030165 // P ---  
HGNC:23240|15q15.1 0008286 // in 0005622 // in 0001515 // of ---  
HGNC:8489|X 6q14.3-q16.1 0006260 // DI 0005634 // nt 0003677 // DI Cell\_cycle\_KEGG // GenMAP  
HGNC:30758|16q12.1 0006260 // DI 0005634 // nt 0003677 // DI ---  
HGNC:29851|4p14 --- 0005737 // cy 0000166 // nt ---  
HGNC:3972|X 3q13.33 0030509 // Bf 0005576 // ex 0005509 // ca ---  
HGNC:12974|Xq25-q26 --- --- 0003676 // nt Electron\_Transport\_Chain //  
HGNC:25523|2p16.1 0001932 // re 0005737 // cy 0003779 // ac ---  
HGNC:24116|11q13.1 --- 0005634 // nt --- ---  
HGNC:24497|15q24.2 --- --- --- ---  
HGNC:26754|2q33.1 --- --- 0008168 // m ---  
HGNC:15511|1q22-q23 0001736 // es 0016020 // m 0005515 // pr ---  
HGNC:29188|1q32.1 --- --- --- ---  
HGNC:29075|15q13.1 --- 0016020 // m --- ---  
HGNC:11182|16p13.3 0006508 // pr 0005622 // in 0003700 // tr ---  
HGNC:30605|4p15.2 0001514 // se 0005634 // nt 0000049 // tR ---  
HGNC:3263|X 8q24 0006412 // tr 0005737 // cy 0003676 // nt ---  
HGNC:28881|1p31.3 0007242 // in 0005886 // pl 0005515 // pr ---  
- 10q26.13 --- --- --- ---  
HGNC:20873|19p13.2 0006350 // tr 0005622 // in 0003676 // nt ---  
HGNC:26604|1p36.13 0035023 // re 0005622 // in 0005085 // gu ---  
HGNC:11371|8q13-q21.1 0006810 // tr 0005622 // in 0003723 // R ---  
HGNC:324|M 6p21.3 0001819 // pc 0005615 // ex 0003841 // 1 ---  
HGNC:26516|17p13.1 --- --- 0005506 // irc ---  
HGNC:32947|1p36.31 --- 0005622 // in 0005515 // pr ---  
HGNC:10901|5p13 0000082 // G: --- 0005515 // pr Cell\_cycle\_KEGG // GenMAP  
HGNC:5225|X 6q22.31 0006350 // tr 0005634 // nt 0003677 // DI ---  
HGNC:17072|12p13.3 0006355 // re 0000139 // Gc 0005515 // pr ---  
HGNC:2481|X 3q21 0010466 // ne 0001533 // cc 0002020 // pr ---  
HGNC:6762|X 7p22 0000089 // m 0005634 // nt 0005515 // pr Cell\_cycle\_KEGG // GenMAP  
HGNC:5009|X 12q15 0006325 // es 0000228 // nt 0003677 // DI ---  
- 4q26 --- --- --- ---  
HGNC:26736|10q23.32 0006464 // pr 0005622 // in 0016874 // lig ---  
HGNC:9717|X 8q21.1 0001764 // ne 0005777 // pe 0005515 // pr ---  
HGNC:3387|X 3p11.2 0006468 // pr 0005576 // ex 0000166 // nt ---

-	10p11.22	---	---	---	---
HGNC:13022	19q13.31	0006350 // tr:	0005622 // in:	0003676 // nu	---
HGNC:16258	2p13.2	---	---	0008270 // zir	---
HGNC:7468	1q43	0007399 // ne	0005622 // in:	0004156 // di	---
HGNC:20660	11p11.2	---	0016020 // m	---	---
HGNC:15862	20p13	0046208 // sp	0005737 // cy	0009055 // el	---
HGNC:4068	12p13.2	---	0005622 // in:	0004872 // re	---
HGNC:19019	1q22	---	0005622 // in:	0005515 // pr	---
HGNC:1850	22q13.3	0001736 // es	0005886 // pl:	0004871 // sig	GPCRDB_Other // GenMAPP
HGNC:14137	16p13.3	---	0005634 // nu	---	---
HGNC:9379	1q21.1	0006633 // fa	0005654 // nu	0005515 // pr	Fatty_Acid_Synthesis // Gen
HGNC:13598	3p22.3	0006464 // pr	0005737 // cy	0004842 // ut	---
-	1p36.33	---	---	---	---
HGNC:10571	10q24.31	0006629 // lip	0005783 // er	0004768 // st:	Fatty_Acid_Synthesis // Gen
HGNC:18595	22q11.21	0006350 // tr:	0005622 // in:	0003676 // nu	---
HGNC:29288	12p13.1	---	0005783 // er	---	---
HGNC:6492	1q31	0006461 // pr	0005576 // ex	0005201 // ex	Inflammatory_Response_Pai
HGNC:18445	15q23	---	---	0005509 // ca	---
HGNC:24737	19q13.12	0006350 // tr:	0005622 // in:	0003676 // nu	---
HGNC:5104	7p15-p14	0001974 // bl	0005634 // nu	0003677 // DI	---
HGNC:13237	19p12	---	0005624 // m	---	---
HGNC:4967	6p21.31	0002474 // ar	0000139 // Gc	0005515 // pr	Proteasome_Degradation //
HGNC:19125	12p11.21	0007010 // cy	0001726 // ru	0003779 // ac	---
HGNC:29394	8q12.1	---	0016020 // m	---	---
HGNC:24787	3p22.1	0006350 // tr:	0005622 // in:	0003676 // nu	---
HGNC:25721	15q23	---	---	---	---
HGNC:24695	15q24.1	---	---	---	---
HGNC:85	MIM 12q24.11	0006633 // fa	0005737 // cy	0000166 // nu	Fatty_Acid_Synthesis // Gen
HGNC:21747	5q21	---	---	0000166 // nu	---
HGNC:10789	2p22.1	0000398 // nu	0005634 // nu	0000166 // nu	mRNA_processing_Reactom
HGNC:23685	9q32	0006810 // tr:	---	0005515 // pr	---
HGNC:5473	17q12-q21.1	0001501 // sk	0005576 // ex	0005520 // in:	Smooth_muscle_contractior
HGNC:20346	14q32.2	---	0016020 // m	---	---
HGNC:2966	16q22.1	---	0005868 // cy	0000166 // nu	---
HGNC:4138	11q12.3	0005975 // ca	0005783 // er	0004553 // hy	---
HGNC:23732	10q26.3	0007165 // sig	0000159 // pr	0008601 // pr	---
HGNC:26789	13q14.11	---	---	---	---
HGNC:10818	17q25.3	0006029 // pr	0005764 // ly:	0003824 // ca	---
HGNC:19651	6q13	0032312 // re	0005886 // pl:	0005096 // G	---
HGNC:30375	12p13.3	---	0005576 // ex	0004872 // re	---
HGNC:24241	12q13.12	---	0016020 // m	0005515 // pr	---
HGNC:19752	11p11.2	---	---	0005515 // pr	---
HGNC:29242	5q35.1	0007154 // ce	0005737 // cy	0005515 // pr	---
HGNC:17270	2q37.3	0006355 // re	0005737 // cy	0000166 // nu	---
HGNC:13733	10q21-q22	0007155 // ce	0001917 // pl	0005509 // ca	---
HGNC:29175	1p36.11	---	---	0005488 // bi	---
HGNC:10663	14q22	---	0005634 // nu	---	---
HGNC:24164	5p15.3	0001578 // m	0005625 // so	0005515 // pr	---

HGNC:15625 2p24	---	---	---	---
HGNC:19868 16q21	0000165 // M---		0005066 // tr:---	
HGNC:11934 1q25	0006954 // in:0005615 // ex:0005102 // re---			
HGNC:25906 16p11.2	0001816 // cy:0005634 // nt:0005515 // pr---			
HGNC:18672 9q33.2	0007420 // br:0005813 // ce:0008017 // m---			
HGNC:10588 2q23-q24	0006810 // tr:0001518 // vc:0005216 // io---			
HGNC:14326 5p13	0006699 // bi:0005576 // ex:0003824 // ca---			
HGNC:26820 19p13.12	0055114 // ox:0005783 // er:0004497 // m---			
HGNC:21625 11q13.3	0006810 // tr:0005737 // cy:0005216 // io---			
HGNC:3327 17q11.23	0007519 // sk:0005576 // ex:0005201 // ex---			
HGNC:7112 17q34	---	0005634 // nt:0003676 // nt---		
HGNC:7533 121q22.3	0006952 // de:0005634 // nt:0000166 // nt---			
HGNC:29059 Xp11.22	0032012 // re:0005622 // in:0005086 // Af---			
HGNC:9187 17p13.1	0000398 // nt:0005634 // nt:0000287 // m:mRNA_processing_Reactom			
HGNC:8791 18q13	0007165 // sig:0000267 // ce:0003824 // ca:G_Protein_Signaling // GenM			
HGNC:9077 16p12.2	0006468 // pr:0005634 // nt:0000166 // nt:Cell_cycle_KEGG // GenMAP			
HGNC:1087 12q37.3	0006915 // ap:---	0046983 // pr:Apoptosis_KEGG // GenMAP		
HGNC:29119 3q29	---	0005515 // pr---		
HGNC:19687 15q15.1	0006412 // tr:0005622 // in:0000166 // nt---			
HGNC:16491 11p15.5	0006915 // ap:0005634 // nt:0005123 // de---			
- 1q44	---	---	---	---
HGNC:25365 5q15	---	0005576 // ex---		
HGNC:12035 1q32	0006915 // ap:0005737 // cy:0004871 // sig---			
- -	---	---	---	---
HGNC:11980 22q13.2-q13.3	0007292 // fe:0005634 // nt:0042809 // vit---			
HGNC:11535 Xq13.1	0000080 // G:0005634 // nt:0000166 // nt---			
HGNC:20757 8q22.1	---	0030133 // tr:0008270 // zir---		
HGNC:26049 1q44	0006350 // tr:0005622 // in:0003676 // nt---			
- 3q21.1	---	---	---	---
HGNC:29093 1q32.1	---	0003676 // nt---		
HGNC:226 M 21q22.3	0006396 // R:0005622 // in:0003723 // R---			
HGNC:29404 2p24.1	---	0005515 // pr---		
HGNC:500 M 15q25-q26	0001525 // ar:0005625 // so:0004177 // ar---			
HGNC:23355 10q11.21	---	0005739 // m---		
HGNC:30506 2p21	---	0005737 // cy:0005488 // bi---		
HGNC:26487 11q12.2	---	0005576 // ex:0005509 // ca---		
HGNC:19983 3q21.3	0006397 // m:0005634 // nt:0000166 // nt---			
HGNC:2586 17q11.23	---	0005737 // cy---		
HGNC:18515 Xp11.4	---	0005886 // pl---		
HGNC:9756 11q24	0006467 // pr:0000139 // G:0016491 // ox---			
HGNC:6735 18q13	0006468 // pr:0005634 // nt:0000166 // nt---			
HGNC:9307 13q22.1	0006470 // pr:0000159 // pr:0005509 // ca:Glycogen_Metabolism // Ge			
HGNC:21109 6q27	0006350 // tr:0005634 // nt:0005515 // pr---			
HGNC:24928 8p22	0006810 // tr:0005634 // nt---			
HGNC:1166 11p15.5	0006355 // re:0005634 // nt:0003677 // DI---			
HGNC:14677 11p15.5	0006350 // tr:0005576 // ex:0003677 // DI---			
HGNC:1299 E 21q22.3	---	0008233 // pe---		
HGNC:20346 14q32.2	---	0016020 // m---		

HGNC:9412|1p36.33-p36.2 0000226 // m 0005624 // m 0000166 // n Calcium\_regulation\_in\_cardi  
HGNC:7618|12q15-q21 --- 0005737 // cy 0004871 // si ---  
HGNC:19166|3p24.3 0032313 // re 0005622 // in 0005096 // G ---  
HGNC:21113|6p21.1 --- 0016020 // m 0005509 // ca ---  
HGNC:26137|8p21.1 0006350 // tr 0005634 // n 0003677 // DI ---  
HGNC:24645|18q11.2 0006281 // DI 0005634 // n 0003684 // d ---  
HGNC:8621|1p36.13 0006350 // tr 0005634 // n 0003677 // DI ---  
HGNC:15877|20q11.22 --- 0005576 // ex 0004571 // m ---  
HGNC:7775|18q23 0006350 // tr 0005634 // n 0003677 // DI ---  
HGNC:30843|2q24.2 0006897 // er 0005887 // in 0004872 // re ---  
HGNC:21091|6p12.1-p11.2 0006350 // tr 0005622 // in 0003677 // DI ---  
HGNC:20423|14q31.3 --- --- --- ---  
HGNC:12932|17q23.2 --- 0005634 // n 0003700 // tr ---  
HGNC:15514|11q14 0006461 // pr 0005794 // G 0005543 // p ---  
HGNC:23148|Xp22.33; Yp11 0006629 // li --- 0004629 // p ---  
- 20p11.1 --- --- --- ---  
HGNC:27006|1p36.13 --- --- --- ---  
HGNC:30550|5p15.2 0019941 // m 0005783 // er 0008270 // zi ---  
HGNC:346|M 5p15.3 0006350 // tr 0005634 // n 0003677 // DI ---  
HGNC:4404|14q21 0007165 // si 0005794 // G 0004871 // si Calcium\_regulation\_in\_cardi  
HGNC:14361|16q11.2-q13 0002027 // re 0005634 // n 0003677 // DI ---  
HGNC:2730|6p21.3 0001558 // re 0005576 // ex 0000166 // n ---  
HGNC:11989|17q21-q22 0006259 // DI 0005634 // n 0000166 // n ---  
HGNC:4407|1q42.3 0007165 // si 0005834 // h 0004871 // si Calcium\_regulation\_in\_cardi  
HGNC:17870|9q31 --- 0005634 // n 0005488 // bi ---  
HGNC:24283|11q13.2 0006350 // tr 0005634 // n 0005515 // pr ---  
HGNC:2459|16q21 0006468 // pr --- 0000166 // n ---  
HGNC:3449|17q24.2 0006350 // tr 0005783 // er 0000166 // n ---  
HGNC:10757|15q15.3 --- --- 0005515 // pr ---  
HGNC:29123|3p21.2 --- 0005634 // n 0000166 // n ---  
HGNC:29456|1q24.2 --- --- --- ---  
HGNC:28517|2p22.1 --- 0016020 // m --- ---  
HGNC:11375|21q11.1|21q1 --- 0005783 // er 0000166 // n ---  
HGNC:13848|19q13.11 0006350 // tr 0005622 // in 0003676 // n ---  
HGNC:28390|1p36.32 --- 0005634 // n --- ---  
HGNC:19217|2p21 --- --- 0004872 // re ---  
- 7q22.1 --- --- --- ---  
HGNC:20581|2p13.2 0001709 // ce 0005783 // er 0001972 // re ---  
HGNC:17163|16q22.1 0006629 // li 0005576 // ex 0004607 // p ---  
HGNC:28326|17q11.2 0008152 // m 0005576 // ex 0003824 // ca ---  
HGNC:29134|8q24.3 --- --- --- ---  
HGNC:28462|19p13.11 0006810 // tr 0005634 // n 0005216 // io ---  
HGNC:4450|E 7q22.1 0009058 // bi 0005576 // ex 0001733 // ga ---  
HGNC:21485|6q22.31 0032313 // re 0005622 // in 0005097 // R ---  
HGNC:9999|9q32 0000188 // in 0005634 // n 0004871 // si Calcium\_regulation\_in\_cardi  
HGNC:18800|1q24.1 0006355 // re 0005622 // in 0003676 // n ---  
HGNC:9406|1p22.2 0006468 // pr 0005622 // in 0000166 // n ---  
HGNC:9159|8p21.2 --- 0005634 // n 0005515 // pr ---



HGNC:12516  2p23-p21	0007186 // G-0005576 // ex0005179 // hc---
HGNC:30797  20q11.21	--- 0016020 // m --- ---
HGNC:29076  2p14	--- 0005813 // ce --- ---
HGNC:18168  2p13	0006810 // tr:0005886 // pl:0005215 // tr:---
HGNC:14300  3p22	0006350 // tr:0005634 // nl:0003677 // DI---
MIM:610215  12q13.3	0006810 // tr:0005622 // in: 0005085 // gu---
HGNC:4378  3q24	0006164 // pl:0005737 // cy:0000166 // nl---
HGNC:10942  2p15-p13	0006810 // tr:0005882 // in: 0005254 // ch---
HGNC:21368  6p24.3	0006397 // m:0005634 // nl:0008270 // zir---
HGNC:16816  1p36.31	0006333 // ch:0000785 // ch:0000166 // nl---
HGNC:17255  12q24.31	0006461 // pr:0000777 // cc:0005515 // pr---
HGNC:19175  16q21-q22.1	0006935 // ch:0005615 // ex:0005125 // cy---
HGNC:20209  3q26.3-q27	--- --- --- ---
HGNC:28185  16p11.2	--- 0016020 // m --- ---
HGNC:1968  1q42.1-q42.2	0006810 // tr:0005737 // cy:0005515 // pr---
HGNC:13433  11q24.2	0006935 // ch:0016020 // m:0004872 // re---
HGNC:24125  9q21.32	--- 0005737 // cy:0005488 // bi---
HGNC:848  7q22.1	0006754 // A10005739 // m:0015078 // h <sub>y</sub> Electron_Transport_Chain //
HGNC:6019  1q21	0002384 // hc:0005576 // ex:0004872 // re---
HGNC:25441  8q21.3	--- 0016020 // m --- ---
HGNC:16408  7p13	--- --- --- ---
HGNC:6983  6q12	0005975 // ca:0005634 // nl:0003824 // ca---
HGNC:3070  8p12-p11	0000165 // M:0005634 // nl:0004721 // pl---
HGNC:26453  2p16.1	--- --- 0005488 // bi---
HGNC:16469  3q29	0032312 // re --- 0005096 // G <sup>-</sup> ---
HGNC:12816  3p25	0000075 // ce:0005634 // nl:0003677 // DI---
HGNC:30413  3q21.2	0006629 // lip:0016020 // m:0004930 // G---
Ensembl:ENSC  2p23.3	--- --- --- ---
HGNC:11455  16p11.2	0006281 // DI:0005622 // in: 0004062 // ar---
HGNC:25633  4q32.1	--- 0016020 // m --- ---
HGNC:6867  14q11.2-q21	0006468 // pr:0005737 // cy:0000166 // nl---
HGNC:362  M  1p34	0006139 // nl:0005739 // m:0000166 // nl---
HGNC:6180  3p26-p25	0001666 // re:0005635 // nl:0004872 // re Calcium_regulation_in_cardi
HGNC:24615  16p12.2	0006414 // tr:0005737 // cy:0000166 // nl: Translation_Factors // GenIV
HGNC:20991  6q22.31	--- --- --- ---
HGNC:9414  10q11.2	0001764 // ne:0005634 // nl:0000166 // nl---
HGNC:11390  17p13.1	0000910 // cy:0000775 // ch:0000166 // nl---
HGNC:29532  2p23.1	0006350 // tr:0005634 // nl:0016563 // tr:---
HGNC:27031  5q13.2	--- 0016020 // m --- ---
HGNC:16275  7q22-q31.1	--- 0005622 // in: 0005515 // pr---
HGNC:2496  1p22	0005975 // ca:0005764 // ly:0003824 // ca---
HGNC:29086  4q12	0010457 // ce:0005813 // ce:0005515 // pr---
-  7p21.1	--- --- --- ---
HGNC:18111  3q28	0007605 // se:0005737 // cy:0005515 // pr---
HGNC:21316  16q24.3	--- 0005634 // nl --- ---
HGNC:9046  6q24-q25	0006350 // tr:0005622 // in: 0003676 // nl---
HGNC:30778  1q21.3	0006350 // tr:0005634 // nl:0003700 // tr:---
HGNC:9889  16p12.2	0016567 // pr:0000151 // uk:0003676 // nl---

HGNC:15456|16|16q24 0006508 // pr 0000139 // Gc 0004175 // er ---  
HGNC:20756|5q14 0006622 // pr 0005737 // cy 0005515 // pr ---  
- 14q11.2 --- --- --- ---  
HGNC:7749|19q33.3-q34.1 0006468 // pr 0005634 // nt 0000166 // nt ---  
HGNC:29259|17q11.2 0006468 // pr 0005737 // cy 0000166 // nt ---  
HGNC:14458|11q14.1 --- --- --- ---  
HGNC:4424|19q33.3 --- 0005794 // Gc --- ---  
HGNC:18810|15q15.3 0001539 // cil 0005886 // pl 0005216 // io ---  
HGNC:25486|Xq22.3 --- --- --- ---  
HGNC:27024 3q21.3 --- --- --- ---  
HGNC:29472|7q34 --- --- --- ---  
HGNC:30061 7p22.1 0006281 // DI 0005634 // nt 0003677 // DI ---  
HGNC:23993|4q12 0006629 // lip --- 0000036 // ac ---  
HGNC:784|M 2q32 0006350 // tr: 0005622 // in: 0003677 // DI Smooth\_muscle\_contractor  
HGNC:2917|17q21.33 0006355 // re 0005634 // nt 0003677 // DI ---  
HGNC:13101|7q21.3-q22.1 0006350 // tr: 0005622 // in: 0003676 // nt ---  
HGNC:3725|E 7p11.1 0006457 // pr 0005783 // er 0003755 // pe ---  
HGNC:11273|9q33-q34 0051016 // b: 0005624 // m 0003779 // ac ---  
HGNC:12920|19p13.2-p13.1 0000122 // ne 0005622 // in: 0003676 // nt ---  
Ensembl:ENSC10q24.32 --- --- 0005515 // pr ---  
HGNC:13083|21q22.3 0006350 // tr: 0005622 // in: 0003677 // DI ---  
HGNC:10975|15q22 0006810 // tr: 0005624 // m 0005509 // ca ---  
HGNC:1388|19p13.2-p13.1 0000096 // su 0005634 // nt 0005216 // io Calcium\_regulation\_in\_cardi  
HGNC:30449|9q21.12 0018346 // pr --- 0004659 // pr ---  
HGNC:29118|1q42.12 --- 0016020 // m --- ---  
HGNC:1103|16p21.3 0007283 // sp 0005634 // nt 0004674 // pr ---  
HGNC:15577|8q24.3 --- 0005737 // cy 0005198 // st ---  
- 7q36.2 --- --- --- ---  
HGNC:37243|18q23 --- --- --- ---  
HGNC:19877|9q22.33 --- 0000139 // Gc 0004653 // pc ---  
HGNC:2737|12p13.31 0000070 // m 0005634 // nt 0000166 // nt ---  
HGNC:1442|14q24-q31 0007049 // ce 0000922 // sp 0005509 // ca Calcium\_regulation\_in\_cardi  
HGNC:24639|18p11.21 --- --- --- ---  
HGNC:25390|17q11.2 --- 0016020 // m 0005515 // pr ---  
HGNC:9466|17q24-q25 0006139 // nt 0043234 // pr 0000287 // m ---  
HGNC:11822|22q12.1-q13.2 0007169 // tr: 0005576 // ex 0004857 // er Matrix\_Metalloproteinases /  
HGNC:9108|18q21.32 0001836 // re 0005739 // m 0005515 // pr ---  
HGNC:17305|11q12.3 0006338 // ch 0000118 // hi: 0003677 // DI ---  
HGNC:24758|19q13.2 --- --- --- ---  
HGNC:30265|8p11.22 0006810 // tr: 0005768 // er 0005515 // pr ---  
- Xq22.2 --- --- --- ---  
HGNC:21684|9q31.2 0006350 // tr: 0005622 // in: 0003677 // DI ---  
HGNC:23747|19p13.2 0006355 // re 0005634 // nt 0003677 // DI ---  
HGNC:10315|1p36.3-p36.2 0006412 // tr: 0005622 // in: 0003723 // R Ribosomal\_Proteins // GenM  
HGNC:19819|2q14.2 --- 0005737 // cy 0005488 // bi ---  
HGNC:26974|10q25.3-q26.1 0007242 // in: --- 0005515 // pr ---  
HGNC:23639|5q15 --- --- 0005488 // bi ---  
HGNC:21894|7q22.1 0006469 // ne 0005634 // nt 0003725 // dc ---

HGNC:20249 15q14	0000188 // in:0005634 // nt:0005173 // st:---
HGNC:30299 1p13.3	--- --- 0005515 // pr---
- 5p15.33	--- --- --- ---
HGNC:26431 1q23.3	--- 0005737 // cy---
HGNC:28465 9p13.3	--- 0016020 // m---
HGNC:103 M 10q24.32	0006810 // tr:0016020 // m---
HGNC:25848 16p11.2	--- 0016020 // m---
HGNC:18360 3p21.31	0046854 // pl:0005634 // nt:0004428 // in:---
- 6p12.2	--- --- --- ---
Ensembl:ENSC7q22.1	--- --- --- ---
HGNC:14860 2q21.3	0006986 // re:0005634 // nt:0005515 // pr---
HGNC:403 M 17p11.2	0006081 // ce:0005783 // er:0004028 // 3----
HGNC:26422 19p13.2	0006350 // tr:0005622 // in:0003676 // nt---
HGNC:6854 12q14.3	0000187 // ac:0005634 // nt:0000166 // nt:MAPK_Cascade // GenMAPP
HGNC:13045 8q24.3	0006350 // tr:0005622 // in:0003676 // nt---
HGNC:12407 2q35	0007017 // m:0005874 // m:0000166 // nt---
HGNC:10575 2q35-q36	0000165 // M:0005576 // ex:0005125 // cy---
HGNC:1785 12p13.1-p12	0000079 // re:0005634 // nt:0004860 // pr:G1_to_S_cell_cycle_Reactor
HGNC:91 MIM 10q26.13	0006629 // lip:0005739 // m:0003995 // ac:Fatty_Acid_Degradation // C
HGNC:8905 1p31	0005975 // ca:0005737 // cy:0000287 // m:Glycogen_Metabolism // Ge
HGNC:24862 2p13-p12	0006487 // pr:0005624 // m:0003824 // ca---
HGNC:11183 21q22.1-q22.2	0006916 // ar:0005622 // in:0003676 // nt---
HGNC:11881 Xq21.3-q22	0007010 // cy:0005737 // cy:0003779 // ac---
HGNC:25699 19q13.33	0032313 // re:0005622 // in:0005096 // G1---
HGNC:3647 18q21.3	0006091 // ge:0005739 // m:0004325 // fe:Heme_Biosynthesis // GenM
HGNC:3185 12q22	0006906 // ve:0005622 // in:0005515 // pr---
HGNC:12897 7q11.21	0006350 // tr:0005622 // in:0003676 // nt---
HGNC:5117 17q21.3	0006350 // tr:0005634 // nt:0003677 // DI---
HGNC:10009 1p36.11	0006810 // tr:0005887 // in:0008519 // ar---
HGNC:4096 19p13.3	0000185 // ac:--- 0005515 // pr---
HGNC:17814 10q24.31	--- --- --- ---
HGNC:4280 17q21.31	0001570 // va:0005886 // pl:0005515 // pr---
HGNC:25118 5p15.2	--- --- --- ---
HGNC:9405 19p13.1-p12	0006468 // pr:0005622 // in:0000166 // nt:G13_Signaling_Pathway // G
HGNC:29843 9q34.3	--- 0005886 // pl:---
HGNC:20880 8p11.21	0002071 // gl:0005624 // m:0003841 // 1----
HGNC:8114 9q34.11	0007275 // m:0005634 // nt:0005198 // st:---
HGNC:10821 1q21	0001525 // ar:0005625 // so:0005070 // St---
HGNC:16782 1q25.2	0007610 // be:0005622 // in:0003723 // R1---
HGNC:28638 16p11.2	0006071 // gl:0016020 // m:0008081 // pl---
HGNC:567 M 15q	0006810 // tr:0005794 // Gc:0005215 // tr:---
HGNC:23575 4q13.3	0006298 // m:0005634 // nt:0003723 // R1---
HGNC:20261 13q12.13	0006810 // tr:0005634 // nt---
HGNC:25001 11q24.3	0006350 // tr:0005622 // in:0003676 // nt---
- 1q21.2	--- --- --- ---
HGNC:1709 12p13.3	0006928 // ce:0005886 // pl:0005515 // pr---
HGNC:8031 1q21-q22	0006412 // tr:0005634 // nt:0000166 // nt:Apoptosis_KEGG // GenMAP
HGNC:25824 19p13.12	0007165 // sig:0005622 // in:0005096 // G1---

HGNC:3821 16q21	0006350 // tr:0005634 // nt 0003677 // DI---
HGNC:24035 3p21.1-p14.3	0007049 // ce 0005634 // nt 0005515 // pr---
HGNC:13345 2p25.1	0006629 // liç 0005634 // nt 0008195 // pt---
HGNC:7107 10q25-qter	0007049 // ce 0005634 // nt 0000166 // nt---
HGNC:28584 11q24.3	--- 0005576 // ex---
HGNC:20854 12q21.1	--- 0005730 // nt 0003676 // nt---
HGNC:17721 20p13	--- --- ---
HGNC:4316 16q22.3	--- 0000139 // Gç 0005102 // re---
HGNC:20759 3p25.1	0006810 // tr:0005622 // in: 0008270 // zir---
HGNC:23475 10q26.13	--- 0005576 // ex---
HGNC:29286 15q24.1	--- 0016020 // m 0005515 // pr---
HGNC:29832 11q13.4	0006807 // ni: 0005829 // cy 0000166 // nt---
HGNC:5046 19p13.3-p13.2	0000398 // nt 0005634 // nt 0000166 // nt---
HGNC:18116 1p32	0000086 // Gç 0005634 // nt 0003677 // DI---
HGNC:20129 14q22.1	--- --- ---
- 2p14	--- --- ---
HGNC:77 11q24-q25	0006464 // pr 0005737 // cy 0000166 // nt---
HGNC:28041 17q24.2	--- --- ---
HGNC:5107 7p15-p14	0006350 // tr:0005634 // nt 0003677 // DI---
HGNC:2339 1q21.3	0006355 // re 0005634 // nt 0001972 // re---
HGNC:9103 3p21.31	0007165 // siç 0005576 // ex 0004872 // re---
HGNC:6601 13q33-q34	0000012 // sir 0000793 // cc 0000166 // nt---
HGNC:16361 9q32-q34	0001895 // re 0005737 // cy 0005515 // pr---
HGNC:18269 14q32.12	--- --- 0005515 // pr---
HGNC:2321 3q12	0006779 // pç 0005739 // m 0004109 // cc Heme_Biosynthesis // GenM
HGNC:26193 8q13.1-q13.2	--- 0005813 // ce---
HGNC:27301 1q21.3	0006350 // tr:0005634 // nt 0005515 // pr---
HGNC:4765 17q25	0006334 // nt 0000786 // nt 0003677 // DI---
HGNC:16901 2q35	0006468 // pr 0005634 // nt 0000166 // nt---
HGNC:1908 9q21	0006810 // tr:0005622 // in: 0005515 // pr---
HGNC:26968 3q13.33	--- --- 0005515 // pr---
HGNC:2981 2q35	0006508 // pr 0005737 // cy 0004177 // ar---
HGNC:11099 3q25.1-q26.1	0006350 // tr:0005634 // nt 0000166 // nt---
HGNC:18297 7q22.1	0007169 // tr:0005887 // in: 0004872 // re---
HGNC:4662 13q12.3-q13.1	0006350 // tr:0005622 // in: 0003676 // nt---
HGNC:15703 12q24.31	--- --- ---
HGNC:4753 6p21.3	0006334 // nt 0000786 // nt 0003677 // DI---
HGNC:14248 22q11.2	0006350 // tr:0000119 // m 0005515 // pr---
HGNC:3093 12q15	0006468 // pr 0005634 // nt 0000166 // nt---
HGNC:19740 14q24.2	--- 0016020 // m ---
HGNC:29225 1p22.3	--- --- 0000166 // nt---
HGNC:14523 2q37.1	0045449 // re 0000775 // ch 0003676 // nt---
HGNC:22962 12q24.21	0006350 // tr:0000119 // m 0016455 // Rf---
HGNC:888 M 2q37.3	0007018 // m 0005634 // nt 0000166 // nt---
HGNC:24483 3p25.3	0006464 // pr 0005737 // cy 0003779 // ac---
- 1p36.33	--- --- ---
HGNC:1258 E 21q22.13	--- --- ---
HGNC:15893 20p13	--- 0016020 // m 0005515 // pr---

HGNC:16951|1q25.1-q31.1 0006383 // tr:0005634 // n:0005515 // pr---  
 HGNC:28486|4q28.2 0006810 // tr:0005764 // ly:--- ---  
 HGNC:21208|1q42.11-q42.1:--- 0005737 // cy--- ---  
 HGNC:15734|1q21-q25 0007588 // ex:0005886 // pl:--- ---  
 HGNC:11283|20q12-q13 0001101 // re:0005829 // cy:0000166 // n: Integrin-mediated\_cell\_adhe  
 HGNC:9388|17q23-q24 0001707 // m:0005952 // c:0000166 // n: Calcium\_regulation\_in\_cardi  
 HGNC:14857|7q22-q31 0006810 // tr:0000139 // G:0005515 // pr---  
 HGNC:3649|E15q22 0006915 // a:0005737 // cy:0004842 // uk---  
 HGNC:21642|6p21.33 0006281 // DI:0005634 // n:0000166 // n: RNA\_transcription\_Reactom  
 HGNC:10303|16q24.3|17p10006412 // tr:0005622 // in:0003723 // R: Ribosomal\_Proteins // GenM  
 HGNC:10927|17q24.2 0006810 // tr:0005624 // m:0008028 // m---  
 HGNC:18270|1q32 0007224 // sn:0005783 // er:0000166 // n:---  
 HGNC:4065|17q25.2-q25.3:0000023 // m:0005764 // ly:0004553 // hy---  
 HGNC:13871|12q15 0006397 // m:0005634 // n:0000166 // n:---  
 HGNC:21111|6p21.1 --- --- --- ---  
 HGNC:25820|1p32.3 0019941 // m--- 0005488 // bi---  
 HGNC:11501|16p13 --- 0005887 // in:--- ---  
 HGNC:6997|1q12-q23 0001649 // os:0005634 // n:0003677 // DI---  
 HGNC:15761|20q13.3 0006810 // tr:--- --- ---  
 HGNC:29307|19p13.2 --- --- 0005515 // pr---  
 HGNC:391|M14q32.32|14c0000060 // pr:0005634 // n:0000166 // n: Integrin-mediated\_cell\_adhe  
 HGNC:17144|17q25.1 0009117 // n:0005634 // n:0000166 // n:---  
 HGNC:30062 1p35.3 --- --- --- ---  
 HGNC:24142|1p31.3 0006915 // a:0005887 // in:0001540 // be---  
 HGNC:29546|2p25.3 --- --- --- ---  
 HGNC:23529|10p12.31 --- --- 0003723 // R:---  
 HGNC:2328|11q13.1-q13.2:0006629 // li:0005739 // m:0004095 // ca: Fatty\_Acid\_Degradation // G  
 HGNC:29138|5q13.3 --- --- --- ---  
 HGNC:9709|8q24 --- --- --- ---  
 HGNC:6204|1p32-p31 0006350 // tr:0000228 // n:0003677 // DI: Apoptosis // GenMAPP /// A  
 HGNC:24452|5q22.2 0000184 // n:0005634 // n:0003723 // R:---  
 HGNC:935|M21q22.11 0006350 // tr:0005634 // n:0003677 // DI---  
 HGNC:36423 1q32.1 --- --- --- ---  
 HGNC:21421|9q32 --- --- --- ---  
 HGNC:15719|1q42.13 0006468 // pr:0005622 // in:0000166 // n:---  
 HGNC:9618|6p21.1-p12.2 0001843 // n:0005737 // cy:0004672 // pr---  
 HGNC:23726|10p13 --- --- --- ---  
 HGNC:22192|7p14.3-p14.1 0006887 // ex:0005634 // n:--- ---  
 HGNC:3219|11q13.1 0000910 // cy:0005576 // ex:0003779 // ac: G13\_Signaling\_Pathway // G  
 HGNC:16834|5q22.1 0017015 // re--- 0005515 // pr---  
 HGNC:6974|1q32 0000122 // n:0005622 // in:0005515 // pr---  
 HGNC:18666|1p21 0006397 // m:0005634 // n:0000166 // n:---  
 HGNC:1224|18p11.2 --- 0005886 // pl:--- ---  
 HGNC:23703|9p24 0006508 // pr:0005783 // er:0008233 // pe---  
 HGNC:21194|6q15 0006810 // tr:--- --- ---  
 HGNC:13851|6p22.1 0006355 // re:0005634 // n:0003676 // n:---  
 HGNC:30346|16p12 0006350 // tr:0005634 // n:0003701 // R:---  
 HGNC:12568|10q22.1 0006915 // a:0016020 // m:0004872 // re---

HGNC:12555 4q26	0007417 // ce 0016020 // m 0003851 // 2- ---
HGNC:1076 10q22.3	0001707 // m 0005886 // pl 0000166 // nl ---
HGNC:31928 3p21.31	--- --- 0005488 // bi ---
HGNC:24941 2q31.2	0000398 // nl 0005634 // nl 0000166 // nl mRNA_processing_Reactom
HGNC:17664 3q13	0007155 // ce 0005886 // pl 0004872 // re ---
HGNC:9162 14q21.1	0006350 // tr: 0005634 // nl 0003677 // DI ---
HGNC:9107 3q22.1	0007165 // sig 0005622 // in: 0004872 // re ---
HGNC:7640 11p15.5	0006334 // nl 0005634 // nl 0051082 // ur ---
HGNC:18541 7q22.1	0007049 // ce 0005634 // nl 0004308 // ex ---
HGNC:78 10q25	0007010 // cy 0005737 // cy 0003779 // ac ---
HGNC:8648 12q13.12-q13	0000398 // nl 0005634 // nl 0003677 // DI ---
HGNC:24029 12q13.3	--- 0005576 // ex 0005179 // hc ---
HGNC:24287 18p11.21	0006810 // tr: 0005737 // cy 0005515 // pr ---
HGNC:8925 Xq12-q13	0005975 // ca 0005737 // cy 0003824 // ca Glycogen_Metabolism // Ge
HGNC:21219 6p12.1	0006468 // pr 0005634 // nl 0000166 // nl ---
HGNC:25075 1p22.2	--- 0016020 // m 0005515 // pr ---
HGNC:30389 7q31	0006810 // tr: 0000145 // ex 0005515 // pr ---
HGNC:9647 1q32.2	0006470 // pr 0005737 // cy 0004721 // pl ---
HGNC:14067 12q13.1	--- --- --- ---
HGNC:28998 4q12	--- 0005634 // nl --- ---
HGNC:31860 4p16.3	--- 0005634 // nl --- ---
- 6p22.3	--- --- --- ---
HGNC:20775 6q21	0007017 // m 0000242 // pe 0000166 // nl ---
HGNC:14351 12p13	0007166 // ce 0005624 // m 0003676 // nl ---
HGNC:8919 6p21.3	0006350 // tr: 0005634 // nl 0003676 // nl ---
HGNC:371 M 15q24-q25	0007242 // in: 0005622 // in: 0004691 // cA ---
HGNC:4095 1p31.2-p31.1	0000079 // re 0005634 // nl 0005515 // pr Cell_cycle_KEGG // GenMAP
HGNC:17164 22q11.1	0006915 // ar 0005634 // nl 0008656 // ca ---
HGNC:2214 3p21.1	0007155 // ce 0005576 // ex 0004866 // er ---
HGNC:1665 4q21.1	0007155 // ce 0005624 // m 0004872 // re ---
HGNC:33751 13q13.3	--- 0005576 // ex --- ---
HGNC:22401 8p21.1	0006813 // pc 0008076 // vc 0005249 // vc ---
HGNC:24238 1p36.13-q41	--- 0005634 // nl --- ---
HGNC:31993 1q21.2	--- 0005737 // cy --- ---
HGNC:9776 11q14	0006810 // tr: 0005625 // so 0000166 // nl ---
HGNC:8763 10q24	0006915 // ar 0005634 // nl 0003723 // R ---
HGNC:20465 9q21.12	0006281 // DI 0005634 // nl 0000166 // nl ---
HGNC:30365 18p11.32	0008152 // m 0005739 // m 0000287 // m ---
HGNC:25544 3q22.3	--- --- 0005515 // pr ---
HGNC:6350 2q32	0006350 // tr: 0005622 // in: 0003676 // nl ---
HGNC:28862 5p13.2	0007049 // ce 0005634 // nl 0005488 // bi ---
HGNC:90 M 12q22-qter	0006629 // lip 0005739 // m 0000062 // ac Fatty_Acid_Degradation // C
HGNC:18751 14q32.12	0006897 // er 0005737 // cy 0005096 // G ---
HGNC:15803 20pter-q11.23	--- --- 0005509 // ca ---
HGNC:10660 1pter-p22.3	--- 0016020 // m 0008092 // cy ---
HGNC:24466 15q26.3	0045104 // in: 0005624 // m 0005198 // st ---
HGNC:3602 14q32.1	0007155 // ce 0005576 // ex 0004888 // tr: ---
HGNC:26953 4q27	--- 0016020 // m --- ---

HGNC:18379 2q31.2	---	---	0005515 // pr---
HGNC:16806 8q22	0006464 // pr	0005622 // in	0003723 // R---
HGNC:15764 20q11.2-q12	0006350 // tr	0005634 // nL	0003677 // DI---
HGNC:20359 14q31.1	---	0005634 // nL	---
HGNC:26559 10q24.2	---	0016020 // m	0008270 // zir---
HGNC:7896 11q22-q23	0006350 // tr	0005634 // nL	---
HGNC:11716 6p21.2	0006350 // tr	0005634 // nL	0003677 // DI---
HGNC:10295 Xp11.4	0006886 // in	0005737 // cy	0005085 // gu---
HGNC:570 M 8p11.2	0006810 // tr	0005794 // Gc	0005515 // pr---
- 11p15.5	---	---	---
HGNC:8827 E 2p13.3	---	---	---
HGNC:20886 8p23.1	0008152 // m	0005739 // m	0003841 // 1- ---
HGNC:28097 16q21	---	---	---
HGNC:6430 12q13	0006915 // a	0005737 // cy	0005198 // st---
HGNC:76 M 9q34.1	0000115 // re	0005622 // in	0000166 // nL Cell_cycle_KEGG // GenMAP
HGNC:30829 6p25	0007017 // m	0005874 // m	0000166 // nL
HGNC:19028 7q22.1	---	0005622 // in	0005515 // pr---
HGNC:24018 1p36.2-p35	---	0005737 // cy	0005515 // pr---
HGNC:24694 22q11.21	0008152 // m	0005737 // cy	0004497 // m---
HGNC:20606 13q12.1	0007224 // sn	0005930 // ax	0005488 // bi---
HGNC:30922 15q26.3	---	---	---
HGNC:5119 17q21.3	0006350 // tr	0005634 // nL	0003677 // DI---
HGNC:15673 6q14	0008286 // in	---	0005158 // in---
HGNC:7665 12q12	0006417 // re	0005737 // cy	0005515 // pr---
HGNC:25610 1p32.1	0005975 // ca	---	0016301 // kii---
HGNC:252 M 4q21-q24 4q21	0001523 // re	0005737 // cy	0003824 // ca---
HGNC:25590 10q11.23	0006096 // gl	0005739 // m	0004591 // ox---
HGNC:14334 22q13	0016481 // nL	0005634 // nL	0000166 // nL
HGNC:7972 13p25	0006350 // tr	0005634 // nL	0003677 // DI Nuclear_Receptors // GenM.
HGNC:20174 12p11.23	---	---	---
HGNC:3694 14q28	---	---	---
HGNC:27333 Xp11.23	---	---	---
HGNC:30650 15q24.1	0006810 // tr	0005886 // pl	0004872 // re---
HGNC:6891 18q12.1-q12.2	0007049 // ce	0005737 // cy	0008017 // m---
HGNC:28334 Xq13.3	---	0005634 // nL	0004845 // ur---
HGNC:6522 16q22.1	0006629 // lip	0005576 // ex	0003824 // ca Statin_Pathway_PharmGKB ,
HGNC:25257 2p25.3	---	0016020 // m	---
HGNC:6392 15q23	0000022 // m	0005634 // nL	0000166 // nL
HGNC:19679 2p14	0006468 // pr	0005886 // pl	0000166 // nL Fatty_Acid_Synthesis // Gen
HGNC:16011 2q37	0007242 // in	0005622 // in	---
HGNC:11628 5q35.3	0006350 // tr	0005622 // in	0003676 // nL
HGNC:18801 1q21.3	0007275 // m	0005622 // in	0003676 // nL
HGNC:20451 2q36.1	---	0005634 // nL	0005545 // pl---
HGNC:2678 12q21.3	0006412 // tr	0005625 // so	0000166 // nL
HGNC:791 M 1q22-q23	0006350 // tr	0005634 // nL	0003677 // DI---
HGNC:14524 17q21.33	0000187 // ac	0001669 // ac	0005515 // pr---
HGNC:20224 14q23-q24.1	---	---	---
HGNC:30273 15q22.2	0006810 // tr	0005886 // pl	0000166 // nL

HGNC:4854 15q31	0006350 // tr:0000118 // hi:0003677 // DI	Cell_cycle_KEGG // GenMAP
HGNC:2897 18p22	0001843 // ne:0005622 // in:0005096 // G1	---
HGNC:30171 12q24.23	0006950 // re:0005622 // in:0004674 // pr	---
HGNC:22135 7q22.1	---	---
HGNC:12623 1p32.3	0006511 // ut	0004221 // ut
HGNC:16348 10pter-cen	0007165 // sig:0005622 // in:0005096 // G1	---
HGNC:2069 11q21	0006468 // pr:0005634 // nt:0000166 // nt	mRNA_processing_Reactom
HGNC:347 M11q12.2	0007399 // ne:0005634 // nt:0003676 // nt	---
HGNC:4620 19q33	0016192 // ve:0005576 // ex:0003779 // ac	---
HGNC:19307 7p22.2	0007155 // ce:0016020 // m:0005515 // pr	---
HGNC:3192 18q21.31	0006412 // tr:0005634 // nt:0000166 // nt	Translation_Factors // GenM
HGNC:13568 19p13.11	0006508 // pr:0005737 // cy:0008233 // pe	---
HGNC:25801 5p13.2	---	---
HGNC:758 M9q34.1	0000050 // ur:0005737 // cy:0000166 // nt	---
HGNC:5116 17q21.31	0006350 // tr:0005634 // nt:0003677 // DI	---
HGNC:19009 16p13.3	---	0005634 // nt:0005515 // pr
HGNC:24150 1q44	---	0005622 // in:0005515 // pr
MIM:610235 22q	0006915 // ar:0005739 // m:0004089 // ca	---
HGNC:6090 18p11.2	0006350 // tr:0005622 // in:0003677 // DI	---
HGNC:17272 13q12.12	0007020 // m:0005737 // cy:0005515 // pr	---
HGNC:245 M10q24.2-q24.3	---	0005737 // cy:0003779 // ac
HGNC:8876 18q22.3	0005975 // ca:0005625 // so:0000166 // nt	Glycolysis_and_Gluconeoger
HGNC:24108 9q32	0006350 // tr:0005634 // nt:0003677 // DI	---
HGNC:29150 10p15.3	0008152 // m:0005634 // nt:0003824 // ca	---
HGNC:7451 18q21.31	0006470 // pr:0005624 // m:0004721 // pl	---
HGNC:9872 18q22-q23	0007165 // sig:0005622 // in:0005096 // G1	---
HGNC:4588 19q13.1-qter	0001964 // st:0005886 // pl:0000287 // m	---
HGNC:22225 7q33	---	0016020 // m:0005515 // pr
HGNC:3569 14q34-q35	0006629 // lip:0005739 // m:0000287 // m	Fatty_Acid_Degradation // G
HGNC:29298 15q21.1	---	0005813 // ce
- 7p14.3	---	---
HGNC:11451 18q11.2	0006468 // pr:0005634 // nt:0000166 // nt	---
HGNC:9238 14q12	0006164 // pl	0000287 // m
Ensembl:ENSC20p12.3	0005975 // ca	0003824 // ca
HGNC:2080 11q13.5-q14	0000387 // sp:0005634 // nt	---
HGNC:13069 Xq28	0006350 // tr:0005622 // in:0003676 // nt	---
HGNC:3228 17p13.1-p11.2	0007267 // ce:0005887 // in:0005005 // tr	---
HGNC:17260 5q23.1	0006915 // ar:0005737 // cy:0005515 // pr	---
HGNC:11730 5p15.33	0000723 // te:0000781 // ch:0003677 // DI	---
HGNC:25596 11p12-p11.2	---	0005488 // bi
HGNC:15852 20q13.33	0006810 // tr:0000139 // G1	0005096 // G1
HGNC:16974 16p11.2	0006350 // tr:0005634 // nt:0000166 // nt	---
HGNC:24565 17q21.31	---	0005634 // nt:0005515 // pr
HGNC:25666 9p13.3	---	0005634 // nt
MIM:610918 22q12.2	---	0005737 // cy:0008430 // se
HGNC:27281 12p11.21	---	---
HGNC:28635 3q23	0005975 // ca	0000166 // nt
HGNC:30953 8q13-q21.1	0006350 // tr:0005622 // in:0003676 // nt	---



HGNC:7113 13p25	---	0005622 // in: 0003676 // nu---
HGNC:13744 16q12.2-q13	0006464 // pr	0005783 // er 0005515 // pr Circadian_Exercise // GenM/
HGNC:26430 12q23.1	---	0005783 // er---
HGNC:25563 17q11.2	---	---
HGNC:28306 5q32	---	---
HGNC:17046 5p15.3	0006810 // tr:	0005737 // cy 0005509 // ca---
HGNC:20059 1p31.1	0006511 // uk	0005737 // cy 0004221 // uk---
HGNC:28301 18q22.2	---	0005158 // in:---
HGNC:11912 1p36.3-p36.2	0006915 // a:	0005737 // cy 0004872 // re---
HGNC:15845 9q31-q33	0008360 // re	0005886 // pl: 0005515 // pr G_Protein_Signaling // GenN
HGNC:24023 1p36.33	---	0005886 // pl: 0003779 // ac---
HGNC:5031 12q13.1	0000398 // nu	0005634 // nu 0000166 // nu---
HGNC:21216 6p21	---	---
HGNC:16683 1q21.2	0016579 // pr	0005634 // nu 0003677 // DI---
HGNC:21354 5q23.1	0001817 // re	0005737 // cy 0004871 // sig---
HGNC:689 M 15q24	0006511 // uk	0000151 // uk 0005515 // pr---
HGNC:3581 17q24.3	---	---
HGNC:952 M 2q34-q35	0001894 // tis	0000151 // uk 0003723 // R---
NA NA	---	---
HGNC:26273 16p11.2	0006350 // tr:	0005622 // in: 0003676 // nu---
HGNC:25883 8p11.23	0006350 // tr:	0005622 // in: 0008270 // zir---
HGNC:4241 2p13	0005975 // ca	0005737 // cy 0004360 // gli---
HGNC:24096 17q21.31	0006810 // tr:	0005794 // G: 0000166 // nu---
HGNC:20154 14q11.2	0016042 // li:	0005634 // nu 0016787 // hy---
HGNC:31955 4q28.3	---	---
HGNC:13108 19q13.4	0006350 // tr:	0005622 // in: 0003676 // nu---
HGNC:2985 16p11.2	0006810 // tr:	0008021 // sy 0005215 // tr:---
HGNC:15587 6q25.3	0006886 // in:	0005624 // m 0005515 // pr---
HGNC:20259 14q23.3	0006350 // tr:	0005622 // in: 0003676 // nu---
HGNC:24847 1p36.22	0019941 // m	0005515 // pr---
HGNC:9404 13q26.3	0006468 // pr	0000133 // pc 0000166 // nu G_Protein_Signaling // GenN
HGNC:20917 4q25	0006468 // pr	0004674 // pr---
HGNC:13588 6p12.3-p11.2	0016567 // pr	0000151 // uk 0004842 // uk---
HGNC:33145 2q13	---	0003779 // ac---
HGNC:24526 11q12.3-q13.1	---	0016020 // m 0000166 // nu---
- 9p22.3	---	---
HGNC:29044 1q21	---	---
HGNC:1834 120q13.1	0001892 // er	0005634 // nu 0003677 // DI Circadian_Exercise // GenM/
HGNC:27639 1q21.1	---	---
HGNC:6347 19p13.13-p13	0006350 // tr:	0005622 // in: 0003676 // nu---
HGNC:14683 21q22.3	0005975 // ca	0005783 // er 0016740 // tr:---
HGNC:18280 5q35.3	---	---
MIM:611265 20q13.33	0006350 // tr:	0005622 // in: 0000166 // nu---
HGNC:25751 4q35.1	---	---
HGNC:29972 3q22-q23	---	0005813 // ce---
HGNC:6781 17q25.3	0006350 // tr:	0005634 // nu 0003677 // DI---
HGNC:5164 14q21.3	0006029 // pr	0005576 // ex 0000287 // m---
- 1p35.1	---	---

HGNC:28990	18q23	0006350 // tr:0005622 // in:0003677 // DI---
HGNC:2195	1 21q22.3	0007155 // ce:0005576 // ex:0005198 // st---
HGNC:4425	1 9q34.11	--- 0005794 // Gc:0005515 // pr---
HGNC:18725	1 q32.1	--- 0005635 // nt---
HGNC:25472	9p24.2-p24.1	--- --- ---
HGNC:10854	3q25-q26.1	0000122 // ne:0005634 // nt:0003677 // DI---
HGNC:2398	1 22q11.2-q12.1	0007601 // vi:--- 0005198 // st---
HGNC:21295	19q13.42	--- 0005737 // cy:0004872 // re---
HGNC:25471	17q24.2	0006914 // al:0000407 // pr:0005102 // re---
HGNC:14886	1p31.1	0006457 // pr--- 0031072 // he---
HGNC:18609	19q13.12	0006350 // tr:0005622 // in:0003676 // nt---
HGNC:32688	11q12.3	--- --- ---
HGNC:12833	2q35	0000723 // te:0000783 // nt:0000166 // nt---
HGNC:20803	19p13.11	0006810 // tr:0016020 // m---
HGNC:26916	13q13.1	--- --- ---
HGNC:29038	1p36.13	--- --- ---
HGNC:15489	19q13.42	0006350 // tr:0005622 // in:0003676 // nt---
HGNC:4162	1 7p15	0006412 // tr:0005625 // so:0000166 // nt---
-	3q24	--- --- ---
HGNC:21649	7q21.3-q22.1	0007165 // sig--- 0003779 // ac---
HGNC:986	M 19q13.1-q13.2	0007584 // re:0005739 // m:0003826 // al---
HGNC:29990	16p11.2	0002526 // ac:0005634 // nt---
HGNC:21484	6q22.31	0006260 // DI--- 0000166 // nt---
HGNC:24772	7q35	--- --- ---
HGNC:27260	19p13.2	0006350 // tr:0005622 // in:0003676 // nt---
HGNC:4066	1 4q31.21	0000187 // ac:0005737 // cy:0004871 // sig---
HGNC:26154	11p13	--- --- ---
HGNC:23022	22q11.22	0006350 // tr:0005622 // in:0003677 // DI---
HGNC:10886	19q13	0000183 // ch:0005677 // ch:0003677 // DI---
HGNC:2209	1 9q34.2-q34.3	0001568 // bl:0005576 // ex:0005178 // in---
HGNC:7568	1 17p13	0000281 // cy:0001725 // st:0000146 // m---
HGNC:30540	2p16.1	--- --- ---
HGNC:30611	3p23	--- --- ---
HGNC:742	M 17p13.2	0006897 // er:0005887 // in:0004872 // re---
HGNC:26530	18q21.1	--- --- ---
HGNC:26139	5p12	--- 0016020 // m---
HGNC:30577	1p36.33	0007219 // Nc:0005737 // cy:0003779 // ac---
HGNC:28983	17q25.1	--- 0016020 // m---
HPRD:18462	7q11.21	--- --- ---
HGNC:12933	3q21	0000122 // ne:0005622 // in:0003676 // nt---
HGNC:4928	1 19q13.12	0006350 // tr:0005622 // in:0003676 // nt---
HGNC:17297	12q24.31	0006915 // ar:0005634 // nt:0005515 // pr---
HGNC:29665	11q13.1	--- --- 0005488 // bi---
HGNC:2174	1 3p26-p25	0007155 // ce:0005576 // ex:0005515 // pr---
HGNC:7227	1 3q22.3	0007264 // sn:0005622 // in:0000166 // nt---
HGNC:24291	2q35	--- 0005794 // Gc:0005515 // pr---
HGNC:7057	1 14q13.3	--- 0005737 // cy:0005515 // pr---
HGNC:6230	1 17p13.1	0006810 // tr:0005737 // cy:0005216 // io---

HGNC:27559	16q22.1	0019752 // ca	0005576 // ex	0003824 // ca	---
HGNC:2625	22q13.1	0017144 // dr	0005783 // er	0004497 // m	---
HGNC:15713	12q24.31	0000086 // G	0005654 // n	0004842 // ut	---
HGNC:3393	1p36.1-p35	0006468 // pr	0016020 // m	0000166 // n	---
HGNC:24145	7q22.1	0006790 // su	0005624 // m	0001733 // ga	---
HGNC:29531	5q33.2	---	---	0003723 // R	---
HGNC:12810	Xq13.2	---	---	---	---
HGNC:25509	18p11.31	0007165 // si	0005622 // in	0005096 // G	---
HGNC:7619	1q32.1	0006937 // re	0005737 // cy	0008047 // er	---
HGNC:6861	14q24.3-q31	0007257 // ac	---	0000166 // n	---
HGNC:6354	5q31	0019941 // m	0005737 // cy	0003779 // ac	---
HGNC:11975	6p21.3	0006350 // tr	0005576 // ex	0003677 // DI	G1_to_S_cell_cycle_Reactor
HGNC:20366	13q12.13	0007275 // m	0005783 // er	---	---
HGNC:7138	17q21	0006355 // re	0005634 // n	0005515 // pr	---
HGNC:15772	8q13	0006887 // ex	0005622 // in	0005085 // gu	---
HGNC:8766	3p22.3	0006810 // tr	0005737 // cy	0005515 // pr	---
HGNC:14061	11q12.1	0006461 // pr	0005737 // cy	0008270 // zir	---
HGNC:2082	4q12	0006350 // tr	0005634 // n	0003677 // DI	Circadian_Exercise // GenM
HGNC:21236	6q27	---	---	---	---
HGNC:29041	1p36.31	0019941 // m	---	0005515 // pr	---
HGNC:9588	10q23.3	0000079 // re	0005634 // n	0000287 // m	---
HGNC:23698	12q13.12	0016043 // ce	0005737 // cy	0003779 // ac	---
HGNC:805	M 17p13.1	0006754 // A	0016020 // m	0005391 // so	Calcium_regulation_in_cardi
HGNC:5361	2p25	0000122 // n	0005634 // n	0005515 // pr	---
HGNC:15877	20q11.22	---	0005576 // ex	0004571 // m	---
-	4q31.1	---	---	---	---
HGNC:817	M 1q32.1	0006754 // A	0005886 // pl	0000166 // n	---
HGNC:25701	16q12.2	0006333 // ch	0000785 // ch	0000166 // n	---
HGNC:16642	17p13	0006898 // re	0005576 // ex	0005041 // lo	---
Ensembl:ENSC	6p22.1	---	---	---	---
HGNC:18474	22q11.21	---	0016020 // m	0008270 // zir	---
HGNC:2190	10q22	0001503 // os	0005600 // cc	0005201 // ex	---
HGNC:5467	6q26	0006810 // tr	0005624 // m	0001948 // gl	---
HGNC:7220	17q12-q21	0007165 // si	0005624 // m	0004385 // gu	---
HGNC:7110	1p33	0006417 // re	0005634 // n	0000166 // n	---
HGNC:1049	12p11.2-p11.1	0006396 // R	0005794 // G	0005200 // st	---
HGNC:1473	5q35	0006457 // pr	0005622 // in	0005509 // ca	---
HGNC:13353	1q43	0006914 // al	0005737 // cy	---	---
HGNC:1917	15q26	0006333 // ch	0000785 // ch	0000166 // n	---
HGNC:26506	3p21.2	0006470 // pr	0005634 // n	0000287 // m	---
HGNC:1717	7p14.3-p14.1	---	---	---	---
HGNC:24500	8q22.1	0006397 // m	0005634 // n	---	---
HGNC:21603	4q21.3	---	---	---	---
HGNC:23663	16p11.2	0055114 // o	0005783 // er	0016491 // ox	---
HGNC:2315	16q13	---	---	---	---
-	9q12	---	---	---	---
HGNC:16746	13q32.1	---	0005634 // n	0003676 // n	---
HGNC:26040	15q22.31	---	0005634 // n	0003950 // N	---

HGNC:16830	16p13.3	0006952 // de	0005576 // ex	0005125 // cy	---
HGNC:28904	9q34.13-q34.3	---	0005925 // fo	0005509 // ca	---
HGNC:4429	13q13	0007030 // Gc	0000139 // Gc	0005515 // pr	---
HGNC:25234	1p36.13-p35.1	---	---	---	---
HGNC:26107	7q21.13	---	---	0005488 // bi	---
HGNC:14219	11q13.2	0006260 // DI	0000119 // m	0000166 // nu	---
-	9q21.11	---	---	---	---
HGNC:26288	11q24.1	---	---	---	---
HGNC:2071	15q24	0006468 // pr	0001669 // ac	0000166 // nu	mRNA_processing_Reactom
HGNC:4573	1Xq25-q26	0001919 // re	0005624 // m	0004872 // re	---
HGNC:16807	7q22.1	0006464 // pr	0005622 // in	0004842 // ut	---
NA	NA	---	---	---	---
HGNC:17686	9p24.1	---	0016020 // m	---	---
HGNC:4795	1p36	0005975 // ca	0005737 // cy	0003824 // ca	---
HGNC:9611	18q24-qter	0006468 // pr	0005737 // cy	0000166 // nu	Integrin-mediated_cell_adhe
HGNC:33576	22q11.21	0006661 // pl	0005798 // Gc	0004428 // in	---
HGNC:29005	11p15.4	0045892 // ne	0005622 // in	0005515 // pr	---
HGNC:11444	9q34.1	0006810 // tr	0005737 // cy	0005515 // pr	---
HGNC:27310	17p11.2	0007049 // ce	0005737 // cy	0005515 // pr	---
HGNC:28492	11q21	---	---	---	---
HGNC:28987	10p15.3	---	0030529 // rit	0003676 // nu	---
HGNC:23214	17q25.1	0006810 // tr	0000145 // ex	---	---
HGNC:29127	4p11	0006350 // tr	---	0005488 // bi	---
HGNC:30521	17q11.2	0006810 // tr	0005737 // cy	0005542 // fo	---
HGNC:18351	22q13.2	---	---	---	---
HGNC:14941	8q24.3	---	0005886 // pl	0005515 // pr	---
HGNC:28524	1p31.1	---	0016020 // m	---	---
NA	NA	---	---	---	---
HGNC:19127	19p13.3	0007264 // sn	0005622 // in	0000166 // nu	---
HGNC:1274	E21q21.1	---	---	---	---
HGNC:10418	19p13.2	0006364 // rR	0005622 // in	0003735 // st	mRNA_processing_binding_I
HGNC:6717	19q13.1-q13.2	0001558 // re	0005576 // ex	0005024 // tr	---
HGNC:16492	8p21.3	---	---	---	---
HGNC:15595	3q21.2	0006810 // tr	0016020 // m	0015293 // sy	---
HGNC:15769	17p11.2	0006260 // DI	0005739 // m	0000166 // nu	---
HGNC:24002	3p24.1	---	0005737 // cy	---	---
HGNC:30685	1p35.1	0006887 // ex	0005576 // ex	0005125 // cy	---
HGNC:23465	10q11.23	0032312 // re	---	0005096 // G	---
HPRD:17321	17p11.2	0006511 // ut	---	0004221 // ut	---
HGNC:16875	17q23.2	0006897 // er	0016020 // m	0004872 // re	---
HGNC:24047	2p22.2-p22.1	---	0016020 // m	0000166 // nu	---
HGNC:30180	12q24.11	---	---	---	---
HGNC:28128	17p13.1	---	0016020 // m	---	---
HGNC:19088	1q22	0006323 // DI	0005634 // nu	0003677 // DI	---
HGNC:2068	12q33	0006468 // pr	0005634 // nu	0000166 // nu	---
HGNC:6708	121q22.3	0006694 // st	---	0000250 // lai	Cholesterol_Biosynthesis // t
HGNC:23272	19q13.43	0006350 // tr	0005622 // in	0003676 // nu	---
HGNC:24886	3p14.1	---	0005737 // cy	0005488 // bi	---

HGNC:20588 2p13.3	0008152 // m 0005764 // ly: 0001735 // pr---
HGNC:4041 18p21	0001736 // es 0005887 // in: 0004871 // sig Wnt_signaling // GenMAPP
HGNC:29530 8q24.3	0007018 // m 0005874 // m 0000166 // nu---
HGNC:1280 E21q22.11	--- 0005783 // er---
HGNC:18619 13q14.13	--- --- ---
HGNC:10484 1q42.1-q43	0001666 // re 0001950 // pl: 0004872 // re Calcium_regulation_in_cardi
HGNC:23784 2p21	0006355 // re 0005634 // nu 0003677 // DI---
HGNC:13764 11q13.4	--- 0005737 // cy 0004872 // re---
HGNC:33110 9q22.33	0006350 // tr: 0005622 // in: 0003676 // nu---
HGNC:12861 17p13.2	0006350 // tr: 0005622 // in: 0003676 // nu---
HGNC:27801 7q22.1	0006350 // tr: 0005622 // in: 0003676 // nu---
HGNC:16091 20p11.23-p11	0006085 // ac 0005739 // m 0003824 // ca---
- 22q11.23	0005975 // ca--- 0004553 // hy---
HGNC:26210 11p15.5	0005975 // ca--- 0003824 // ca---
HGNC:26786 8q24.3	0006350 // tr: 0005622 // in: 0003676 // nu---
HGNC:8508 13p22-p21.3	0006468 // pr 0005737 // cy 0000166 // nu---
HGNC:16903 5q32-q33.1	0006412 // tr: 0005622 // in: 0005488 // bi---
HGNC:6199 18q24.3	0045449 // re 0000775 // ch 0003676 // nu---
HGNC:10023 1q22	0007165 // sig 0005622 // in: 0000166 // nu---
HGNC:21332 10q26.3	0006468 // pr--- 0000166 // nu---
HGNC:9777 19p13.2	0003016 // re 0005737 // cy 0000166 // nu---
HGNC:20455 12q24.33	0007049 // ce 0005634 // nu 0005515 // pr---
HGNC:2236 E3q21.3	0006810 // tr: 0000139 // Gc 0005198 // st---
HGNC:6851 12q13	0006468 // pr 0005624 // m 0000166 // nu MAPK_Cascade // GenMAPP
HGNC:6248 120q13	0006810 // tr: 0008076 // vc 0005216 // io---
HGNC:20265 13q34	--- --- ---
HGNC:9072 12p11.2	--- 0005576 // ex---
HGNC:8855 12p14-p16	0006810 // tr: 0005624 // m 0005515 // pr---
HGNC:23356 10q11.21	0006955 // in: 0005783 // er 0003756 // pr---
HGNC:25180 5q13.2	--- --- ---
NA NA	--- --- ---
HGNC:493 M4q25-q27	0007165 // sig 0005737 // cy 0005515 // pr---
HGNC:7216 15q22-qter	0005975 // ca 0005737 // cy 0004476 // m---
HGNC:9073 E2p11-q11	--- 0005576 // ex---
- 1p12	--- --- ---
HGNC:17381 7q22	0007165 // sig 0005737 // cy 0004871 // sig---
HGNC:26009 4p16.1	--- --- 0005488 // bi---
HGNC:2320 16q24.3	0006629 // lip--- 0005215 // tr:---
HGNC:19351 10q21.1	--- --- ---
HGNC:30955 19q13.43	0006350 // tr: 0005622 // in: 0003676 // nu---
HGNC:12926 4p16.3	0006350 // tr: 0005622 // in: 0003676 // nu---
HGNC:18838 19q13.32	0006350 // tr: 0005634 // nu 0003714 // tr:---
HGNC:34353 2p11.2	--- --- ---
NA NA	--- --- ---
HGNC:28514 17q24.1	--- --- ---
HGNC:7962 17q11.2	0001502 // ca 0005634 // nu 0003677 // DI Nuclear_Receptors // GenM.
HGNC:12484 7q32	0006511 // uk 0005739 // m 0004842 // uk---
HGNC:23576 8p11.21	0000226 // m 0005737 // cy 0005515 // pr---

HGNC:25252 3q13.31	---	0016020 // m	---	---
HGNC:32414 2p11.2	0006457 // pr	0005622 // in	0003755 // pe	---
HGNC:201 M 7q21	---	---	---	---
HGNC:30938 3q13.13	0000209 // pr	0005737 // cy	0003723 // R	---
HGNC:15751 20p12.3-p11.2	0006810 // tr	0005783 // er	0005488 // bi	---
HGNC:26454 9p13.2	---	---	0008168 // m	---
HGNC:1487 19p13.3	0007242 // in	0005737 // cy	0005509 // ca	---
HGNC:668 M 2p24	0001525 // ar	0005622 // in	0000166 // n	---
HGNC:4045 12q33	0007165 // sig	0005886 // pl	0004871 // sig	Wnt_signaling // GenMAPP
HGNC:29587 5q15	0055114 // ox	---	0005506 // irc	---
HGNC:12843 10p14	0006508 // pr	0005739 // m	0000166 // n	---
HGNC:8725 14q11.2	0006094 // gl	0005739 // m	0000166 // n	---
HGNC:13278 5q22.1-q22.2	---	0005737 // cy	0005488 // bi	---
HGNC:20944 6q13-q14.3	0006508 // pr	0005634 // n	0008233 // pe	---
HGNC:16736 5q35	0006350 // tr	0005622 // in	0003676 // n	---
HGNC:17277 5p13.3	0007275 // m	0005622 // in	0003676 // n	Circadian_Exercise // GenM
HGNC:23686 9p13.2	---	---	---	---
HGNC:11870 3p21-p12	0006350 // tr	0005794 // G	0003677 // DI	---
HGNC:12684 7q22.1	0001541 // ox	0005576 // ex	0005184 // ne	---
HGNC:12869 Xp21.3	0006350 // tr	0005622 // in	0003676 // n	---
HGNC:30557 Xq24	0006412 // tr	0005622 // in	0003735 // st	---
HGNC:10706 4q26	0006810 // tr	0000139 // G	0005515 // pr	---
- 11p11.2	---	---	---	---
HGNC:3076 11Xq28	0000188 // in	0005634 // n	0004721 // pt	---
HGNC:21041 6q23-q24	0007275 // m	---	---	---
HGNC:469 M 1p13.3	0006144 // pl	---	0003876 // A	---
HGNC:26960 16p13.3	---	---	---	---
- -	---	---	---	---
HGNC:25611 2q14.1	---	---	---	---
HGNC:16725 8q24.22	---	0005737 // cy	0005515 // pr	---
HGNC:19104 1p36.22	0007165 // sig	0005813 // ce	0005198 // st	---
HGNC:15947 15q22-q24	0016032 // vi	0005576 // ex	---	---
HGNC:14440 2q33.2	---	0005634 // n	---	---
HGNC:1493 11p15.5	0006412 // tr	0005737 // cy	0000049 // tR	---
HGNC:18448 15q24.2	0006281 // DI	0005634 // n	0003676 // n	---
HGNC:20076 11p15.3	0006511 // ut	---	0004221 // ut	---
HGNC:21686 6q27	0006401 // R	0005576 // ex	0003723 // R	---
HGNC:19000 8p21	0006979 // re	0000139 // G	0005044 // sc	---
HGNC:21722 7p15.3	---	---	---	---
HGNC:3374 12p21-p16	0001525 // ar	0005634 // n	0003677 // DI	---
HGNC:25620 3p25.2	---	0016020 // m	---	---
HGNC:8921 16q12	0006350 // tr	0005634 // n	0005515 // pr	---
HGNC:25323 22q11.23	---	0016020 // m	---	---
HGNC:4392 120q13.3	0001958 // er	0005576 // ex	0000166 // n	---
HGNC:30726 10q22.2	---	---	0005488 // bi	---
HGNC:6298 11p34	0006810 // tr	0005886 // pl	0005216 // io	---
HGNC:30339 12q24.33	---	0005886 // pl	---	---
HGNC:11831 16q22-q23.1	0006139 // n	0005739 // m	0000166 // n	---

HGNC:7728 18q21	0006464 // pr 0005622 // in: 0004842 // ut---
HGNC:303 M 7p13	0006350 // tr: 0005576 // ex 0003677 // DI---
HGNC:30749 5q21-q22	--- 0016020 // m ---
HGNC:5035 14q11.2	0000398 // nt 0005634 // nt 0000166 // nt mRNA_processing_Reactom
- 12q23.3	--- --- ---
HGNC:29450 16p13.3	0006350 // tr: 0005622 // in: 0003676 // nt---
HGNC:2183 8q22.2	0006810 // tr: ---
HGNC:9280 1q22	0006779 // pr 0005739 // m 0004729 // pr Heme_Biosynthesis // GenM
HGNC:29357 18q11	0006350 // tr: 0005634 // nt 0008270 // zir---
HGNC:17804 17q11.2	0046653 // te 0005777 // pe 0008115 // sa---
HGNC:3778 2q34	0006953 // ac 0005576 // ex 0005201 // ex Inflammatory_Response_Pai
HGNC:25953 15q21.3	0006350 // tr: 0005622 // in: 0003677 // DI---
HGNC:17311 18q21.1	0006350 // tr: 0005634 // nt 0003676 // nt---
HGNC:3301 3q26.2	0006412 // tr: 0005829 // cy 0003743 // tr:---
HGNC:9395 16p11.2	0006468 // pr 0005634 // nt 0000166 // nt Calcium_regulation_in_cardi
- 10p15.3	--- --- ---
HGNC:10560 3p21.1-p12	0006350 // tr: 0005622 // in: 0003682 // ch---
HGNC:17770 14q13.2	0051056 // re 0005622 // in: 0005096 // G---
HGNC:24905 11q14	0006350 // tr: 0005634 // nt 0003677 // DI---
- 14q23.1	--- --- ---
HGNC:26066 22q12.2	--- --- ---
HGNC:28682 19q13.12	0006350 // tr: 0005622 // in: 0003676 // nt---
HGNC:19988 2q12.1	0007049 // ce 0005634 // nt 0005515 // pr Statin_Pathway_PharmGKB,
HGNC:30314 3p14.3	--- --- ---
HGNC:2726 12q13.1-q13.2	0001975 // re 0005622 // in: 0003676 // nt mRNA_processing_Reactom
HGNC:10858 3q25	0006511 // ut 0005634 // nt 0003714 // tr:---
HGNC:27222 7q36.1	0006350 // tr: 0005622 // in: 0003677 // DI---
HGNC:9858 1p36.1-p35	0007165 // sig 0000139 // Gc 0003924 // G---
HGNC:26607 10q23.33	--- 0016020 // m ---
HGNC:24012 15q23	0006396 // R 0005634 // nt 0003676 // nt---
HGNC:17646 3p24.2	0006516 // gl 0005737 // cy 0000224 // pe---
HGNC:2535 15q24-q25	0006508 // pr 0005764 // ly: 0004197 // cy---
HGNC:23485 Xq22.3	--- --- 0005524 // A---
HGNC:17342 Xq21.1	--- --- ---
HGNC:4656 5q12.2-q13.3	--- --- ---
HGNC:20185 14q22.3	--- 0016020 // m ---
HGNC:16403 5q35.2	0006396 // R 0005622 // in: 0003676 // nt---
HGNC:6487 3p21	0007155 // ce 0005576 // ex 0005198 // st Inflammatory_Response_Pai
HGNC:1040 20p11.23-p12	--- 0005737 // cy 0005200 // st---
HGNC:2597 2p21	0006725 // ce 0005783 // er 0004497 // m ---
HGNC:6265 22q13.1	0006810 // tr: 0008076 // vc 0005216 // io ---
HGNC:13943 6p21.32	--- --- ---
- 5q13.3	--- --- ---
HGNC:4647 15q22.2	0006350 // tr: 0005634 // nt 0003702 // R RNA_transcription_Reactom
HGNC:4440 22q11.21-q11	0000910 // cy 0005886 // pl 0000166 // nt---
HGNC:11642 10p11.2	0000122 // ne 0005622 // in: 0000166 // nt Hypertrophy_model // Gen
HGNC:25147 11q25	0005975 // ca 0009341 // be 0003824 // ca---
HGNC:28513 1p36.22	--- 0016020 // m ---

HGNC:3418 1q41-q42	0006412 // tr:0005625 // so0000166 // nu---
HGNC:20364 14q23.3	0035023 // re0005622 // in:0005089 // Rf---
HGNC:11336 Xp11.22	0006350 // tr:0005622 // in:0003676 // nu---
HGNC:21740 12q22	0007010 // cy0001726 // ru0005085 // gu---
HGNC:2205 15q13.3	0006468 // pr0005737 // cy0004672 // pr---
- 8q24.22	---
HGNC:2631 10q24.3-qter	0017144 // dr0005783 // er0004497 // m---
HGNC:26149 2q13	---
HGNC:30923 17q21.1-q21.2	0005737 // cy0003779 // ac---
HGNC:753 M7q21.3	0006529 // as0005625 // so0004066 // as---
HGNC:10307 18q21	0006412 // tr:0005622 // in:0003735 // st:Ribosomal_Proteins // GenM
HGNC:16288 14q22.1	0005622 // in:0005515 // pr---
HGNC:19964 14q24.3	0001525 // ar0005576 // ex---
HGNC:29043 1q32.1	0006468 // pr0005737 // cy0000166 // nu---
HGNC:23242 2q23.3-q24.1	0000139 // Gc0004653 // pc---
HGNC:24834 Xq22.1	0005737 // cy0005488 // bi---
HGNC:25499 1q41	0005622 // in:0003676 // nu---
HGNC:9101 Xq28	0007165 // sig0005622 // in:0004872 // re---
HGNC:1476 11q13	0006508 // pr0005622 // in:0004197 // cyIntegrin-mediated_cell_adhe
HGNC:2520 Xp22	0006220 // py0003824 // ca---
HPRD:08007 15q25.2	---
HGNC:29916 17q25.3	0005634 // nu0005521 // lai---
- Xq22.2	---
- 18q12.1	---
HGNC:12915 5p12-p11	0006350 // tr:0005622 // in:0003677 // DI---
HGNC:25966 8q22.1	0043484 // re0005634 // nu0000166 // nu---
HGNC:31992 1q21.1	0005737 // cy---
HGNC:21931 7q34	---
HGNC:13503 3q13.2	0006350 // tr:0005622 // in:0003676 // nu---
HGNC:1873 16q22.2-q22.3	0006916 // ar---
HGNC:33517 18q12.2	0006350 // tr:0005622 // in:0003676 // nu---
HGNC:9408 2p21	0006468 // pr0000166 // nuG_Protein_Signaling // GenM
HPRD:14199 15q25.2	---
HGNC:23815 4p13	---
HGNC:26954 15q21.3-q22.1	---
HGNC:29442 1pter-q31.3	0007018 // m0005737 // cy0000166 // nu---
HGNC:27193 4q31.21-q31.2	0006350 // tr:0005622 // in:0003677 // DI---
HGNC:408 M6p22.2-p22.3	0006006 // gl:0005625 // so0004777 // su---
HGNC:29430 Xq13.1	---
HGNC:15500 19q13.42	0004872 // re---
HGNC:15809 20p11.1	0006350 // tr:0005622 // in:0003676 // nu---
HGNC:9399 3p21.31	0006468 // pr0005634 // nu0000166 // nuCalcium_regulation_in_cardi
HGNC:30784 2p14	0006350 // tr:0005634 // nu0003713 // tr:---
HGNC:18517 16p13.3	0005576 // ex0005515 // pr---
HGNC:27411 19p13.2	0007049 // ce0000795 // sy0005515 // pr---
HGNC:11788 5q13	0006930 // su0005576 // ex0005198 // st:---
HGNC:6836 15q13	0001578 // m0005829 // cy0003779 // ac---
- 2q36.1	---



HGNC:3394 13q21-qter	0006468 // pr 0005887 // in: 0000166 // nt---
HGNC:13159 12q24.33	0006350 // tr: 0005622 // in: 0003676 // nt---
HGNC:19022 10q26.12	0006950 // re --- 0000166 // nt---
HGNC:6077 1p34	0006355 // re 0005622 // in: 0003700 // tr:---
HGNC:698 M 2q37.1	0007264 // sn 0005622 // in: 0000166 // nt---
HGNC:19189 19p13.2	--- --- 0005085 // gu---
HGNC:26118 4q32.1	0007049 // ce 0005737 // cy---
HGNC:16626 2q31-q32	0001932 // re 0005622 // in: 0000166 // nt---
HGNC:27334 Xq26.3	--- --- --- ---
HGNC:1689 11p13	0007166 // ce 0005576 // ex 0005515 // pr---
HGNC:29020 9q31.3	0030433 // EF 0000502 // pr 0005488 // bi---
HGNC:13610 12q24.31	0006350 // tr: 0005634 // nt 0003677 // DI---
HGNC:11722 22q13 22q13	0006350 // tr: 0005634 // nt 0003677 // DI---
HGNC:10602 16p12	0006810 // tr: 0005886 // pl: 0005216 // io---
HGNC:10348 2q35	0006412 // tr: 0005622 // in: 0003735 // st---
HGNC:7508 1q21	--- 0005576 // ex---
HGNC:10703 5q31.1	0006810 // tr: 0000139 // Gc 0005515 // pr---
HGNC:21061 6q25.3	--- 0016020 // m 0005488 // bi---
HGNC:18371 12p13.31	0007155 // ce 0000139 // Gc 0005509 // ca---
HGNC:28655 9q13	--- --- --- ---
HGNC:21356 17q11.2	--- --- --- ---
HGNC:1833 19q13.1	0000050 // ur 0005634 // nt 0003677 // DI---
HGNC:24628 4p16	0006350 // tr: 0005634 // nt 0003779 // ac---
HGNC:1599 12q11-q13.3	0000079 // re 0005634 // nt 0003677 // DI---
HGNC:2470 12q21.1	0007275 // m 0005634 // nt 0008270 // zir---
HGNC:20286 1p35.3-p34.1	0008033 // tR 0005737 // cy 0000166 // nt---
HGNC:24723 12q21.31	0008152 // m 0005739 // m 0003824 // ca---
HPRD:16945 6p21.1	--- --- --- ---
HPRD:17517 22q11.21	--- --- --- ---
HGNC:9903 13p21.3	0006396 // Rf 0005622 // in: 0000166 // nt mRNA_processing_Reactom
HGNC:29064 22q12.2	--- 0005813 // ce---
- 16p13.3	--- --- --- ---
HGNC:19339 8q24.3	0006468 // pr --- 0000166 // nt---
HGNC:24148 4q35.1	--- 0005886 // pl: 0005198 // st---
HGNC:17704 3p13	--- --- 0005515 // pr---
HGNC:20078 6p21	--- --- --- ---
HPRD:18410 11q12.3	--- --- --- ---
HGNC:17466 11q11	--- 0016020 // m---
HGNC:19970 14q24.2	0006350 // tr: 0000119 // m 0003702 // Rf---
HGNC:18641 19p12	0006396 // Rf 0005622 // in: 0003676 // nt mRNA_processing_Reactom
HGNC:27379 4p14	--- 0005886 // pl:---
HGNC:2555 Xq23	0006281 // DI 0031461 // cu 0005515 // pr---
HGNC:26310 2q34	--- --- --- ---
HGNC:30483 8q11.23	0006464 // pr 0005737 // cy 0004719 // pr---
HGNC:1396 22q13.1	0006810 // tr: 0005891 // vc 0005216 // io---
- 18p11.31	--- --- --- ---
HGNC:11612 8q11.2	0006350 // tr: 0005634 // nt 0003676 // nt---
HGNC:1837 19q13.11	0001889 // liv 0005634 // nt 0003677 // DI---

-	1q25.3	---	---	---	---
HGNC:9842	N 9q34.3	0005975 // ca	0005622 // in	0005083 // sn	---
HGNC:18247	9p12	---	0005634 // nt	---	---
HGNC:8716	N 5q31	0007155 // ce	0005886 // pl	0005509 // ca	---
HGNC:19081	11q12.1	0007004 // te	0005634 // nt	0005515 // pr	---
HGNC:12862	19q13.1	0000288 // nt	0005634 // nt	0003676 // nt	---
HPRD:13421	17p11.2	---	---	---	---
HGNC:5389	N Xq28	0008152 // m	0005764 // ly	0003824 // ca	---
HGNC:11695	6q27	---	0016020 // m	---	---
HGNC:19141	15q15.2	0006468 // pr	0005882 // in	0000166 // nt	---
HGNC:4736	N 1q21.2	0006334 // nt	0000786 // nt	0003677 // DI	---
HGNC:5872	t 22q11.2   22q1	---	---	---	---
HGNC:15683	12q24	0006486 // pr	0000139 // Gc	0008378 // ga	---
HGNC:11604	12q24.1	0006350 // tr	0005634 // nt	0003677 // DI	---
HGNC:12840	1p35.1	0006412 // tr	0005615 // ex	0000049 // tR	---
HGNC:29077	16p13.3	0007154 // ce	0005921 // ga	---	---
HGNC:4081	N 4p12	0006810 // tr	0005886 // pl	0004872 // re	---
HGNC:32455	3q29	---	---	0009055 // el	---
HPRD:17520	9q21.11	---	---	---	---
HGNC:19341	10p13	0006468 // pr	0005634 // nt	0000166 // nt	---
HGNC:30045	16p12.3	0000184 // nt	0005634 // nt	0004428 // in	---
HGNC:26252	1p31.3	---	---	---	---
HGNC:1973	N 16q22.3	---	0016020 // m	---	---
HGNC:13817	Xp11.23	0005975 // ca	0000139 // Gc	0001517 // N	---
HGNC:13017	19q13.2	0006350 // tr	0005622 // in	0003676 // nt	---
Ensembl:ENSC	5q32	0035023 // re	0005622 // in	0005085 // gu	---
HGNC:14974	7p15.2	0006810 // tr	---	0005515 // pr	---
HGNC:3976	N 11q13	0006826 // ir	0008043 // in	0004322 // fe	---
HGNC:17043	15q11.2	---	0016020 // m	---	---
HGNC:20893	Xp21.2-p11.4	0006350 // tr	0005634 // nt	0003714 // tr	---
HGNC:18967	3p26.1	0006986 // re	0005783 // er	0004571 // m	---
HGNC:790	M 19q13.3	0006350 // tr	0005634 // nt	0003677 // DI	Smooth_muscle_contractor
HGNC:12305	14q31-q32	0006366 // tr	0005634 // nt	0003713 // tr	---
HGNC:7397	N 16q13	---	0005737 // cy	0005507 // co	---
HGNC:7656	N 11q23.1	0007155 // ce	0005576 // ex	0005515 // pr	---
-	17q21.33	---	---	---	---
HGNC:16855	6p21.1-p12	0006810 // tr	0016020 // m	---	---
HGNC:11105	12q13-q14	0006333 // ch	0000785 // ch	0003677 // DI	---
-	9q13	---	---	---	---
HGNC:13539	1p36.22	---	0000139 // Gc	0004872 // re	---
HGNC:25888	22q11.21	---	---	0005515 // pr	---
HGNC:19355	17q25	0001568 // bl	0005634 // nt	0004872 // re	---
-	10p11.23	---	---	---	---
HGNC:12917	20p11.23-p11	0006350 // tr	0005622 // in	0003676 // nt	---
HGNC:8507	N 5p13.1	0002675 // pc	0005900 // or	0004872 // re	---
HPRD:18398	-	0000226 // m	0005874 // m	---	---
HGNC:7973	N 6q21	0000122 // nt	0005634 // nt	0003677 // DI	Nuclear_Receptors // GenM.
HGNC:24704	4q28.2	---	---	0003723 // R	---

HGNC:9997 1q25-q31	0007601 // vi---	0004871 // siξ Calcium_regulation_in_cardi
HGNC:17844 16q24.1	0019941 // m---	0005515 // pr---
HGNC:18271 1q42.12	0046907 // in:0005737 // cy	0003779 // ac---
HGNC:24362 15q26.3	---	---
HGNC:19920 9p13.3	---	---
HGNC:14472 3p21.3	0006810 // tr:0005886 // pl:0004871 // siξ	GPCRDB_Other // GenMAPP
HGNC:32427 17q24.1	---	0016020 // m 0005515 // pr---
HGNC:16228 20p13-p12.2	0006350 // tr:0005634 // nξ	0003714 // tr:---
HGNC:29272 3q13.31	---	---
HGNC:6189 14q32	0001501 // sk 0005624 // m 0005112 // nξ---	
HGNC:13166 19p13.1-p12	0006350 // tr:0005622 // in: 0003676 // nξ---	
HGNC:16849 Xq22	0001558 // re 0005634 // nξ 0005515 // pr---	
HGNC:29108 4p15.2	---	0016020 // m 0005488 // bi---
HGNC:29304 4p16.3	---	---
HGNC:15494 1q25	---	---
Ensembl:ENSC17q11.2	0006468 // pr---	0000166 // nξ---
HGNC:12681 11q13	0001558 // re 0005576 // ex 0005172 // va---	
HGNC:18039 1q32.1	0006350 // tr:0005622 // in: 0003677 // DI---	
HGNC:7608 15q22-q23	0007165 // siξ 0005622 // in: 0000166 // nξ---	
HGNC:19354 19p13.11	0006350 // tr:0000805 // X: 0003714 // tr:---	
HGNC:4462 17p15	0001649 // os 0005887 // in: 0005178 // in:---	
HGNC:28981 1p32.3	0001816 // cy 0005622 // in: 0003676 // nξ---	
HGNC:238 M16q12-q13	0006171 // cA 0005886 // pl:0000287 // m	Calcium_regulation_in_cardi
HGNC:11910 1p36.2	0006915 // aξ 0005576 // ex 0004872 // re	Apoptosis // GenMAPP
HGNC:3043 121q22.3	0043248 // pr 0005737 // cy 0005515 // pr---	
HGNC:7432 14q24	0000105 // hi 0005737 // cy 0000166 // nξ---	
HGNC:28697 18q22.3	0008152 // m---	0003824 // ca---
HGNC:2731 11q23.3	0006468 // pr 0005887 // in: 0000166 // nξ---	
HGNC:8799 17p22	0001775 // ce 0005576 // ex 0005161 // pl:---	
HPRD:17345_2p11.2	---	---
HGNC:9113 15q22	0001666 // re 0005622 // in: 0001972 // re---	
HGNC:17166 11p13	---	0005576 // ex---
HGNC:25083 3q13.2	---	---
MIM:610786 17q12	0006887 // ex 0005737 // cy 0005515 // pr---	
HGNC:19974 19q13.11	0007165 // siξ 0005622 // in: 0005515 // pr	G13_Signaling_Pathway // G
HGNC:4932 6p21.3	0002474 // ar 0005624 // m 0005515 // pr	Proteasome_Degradation //
HGNC:1181 11q12-q13.1	0045449 // re 0016020 // m 0003700 // tr:---	
HGNC:9182 18q21.1	0006260 // DI 0005622 // in: 0000287 // m---	
HGNC:13057 19q13.4	0006350 // tr:0005622 // in: 0003676 // nξ---	
HGNC:11450 3p14.1	0006099 // tri 0005739 // m 0003824 // ca	Krebs-TCA_Cycle // GenMAP
HGNC:11776 18p11.3	0000122 // nξ 0005634 // nξ 0003677 // DI	TGF_Beta_Signaling_Pathwa
HGNC:24050 5q35.1	0006355 // re---	0003700 // tr:---
HGNC:4070 6p21.31	0001649 // os 0005576 // ex 0004871 // siξ	GPCRDB_Class_C_Metabotr
HGNC:4004 1p31.1	0006350 // tr:0005634 // nξ 0003677 // DI---	
HGNC:4273 12q24.1	0008277 // re 0005654 // nξ 0004872 // re	Integrin-mediated_cell_adhe
HGNC:36183_6p12.1	---	---
HGNC:16066 11q13.5	0006672 // ce 0000139 // Gξ 0016787 // hγ---	
HGNC:29097 5q35.3	0032313 // re 0005622 // in: 0005096 // G↑---	

HGNC:10548 6p23	0006396 // R 0005634 // n 0003723 // R ---
HGNC:27229 8q22.2	--- --- --- ---
HGNC:22219 7q34	0006468 // pr 0016020 // m 0004672 // pr---
HGNC:13043 10p11.1	0006350 // tr:0005622 // in:0003676 // n ---
HGNC:25770 2p13.1	--- --- --- ---
HGNC:29021 12q21.32	0006810 // tr:0000930 // ga 0005515 // pr---
HGNC:21081 6q22.32	0006350 // tr:0005622 // in:0004872 // re---
HGNC:26475 7q31.1	--- --- --- ---
HGNC:37234 16q23.1	--- 0005634 // n 0016787 // hy---
HGNC:12393 21q22.2	--- --- 0005488 // bi---
HGNC:19242 6p21.3	--- --- --- ---
HGNC:19959 14q21.2	--- --- 0005488 // bi---
HGNC:26680 1q22	--- --- --- ---
HGNC:5273 1p36.1-p34	0001958 // er 0005576 // ex 0005515 // pr---
HGNC:10784 12q12	0000245 // sp 0005634 // n 0005515 // pr Apoptosis_KEGG // GenMAP
HGNC:20814 1p36	0006350 // tr:0005622 // in:0003676 // n ---
HGNC:1542 13q13.11	0006607 // NI 0005634 // n 0004871 // si ---
HGNC:25122 1p36.12	--- --- --- ---
HGNC:28249 5q35.3	--- 0005739 // m 0003824 // ca---
HGNC:9381 1p36.1	0006468 // pr 0005634 // n 0000166 // n Calcium_regulation_in_cardi
HGNC:24580 19p13.12	0007229 // in:--- 0005509 // ca---
Ensembl:ENSC16q22.1	0006546 // gl 0005737 // cy 0004047 // ar---
HGNC:2856 4p16.3	0007165 // si --- 0004143 // di:---
HGNC:18319 14q32.12	0042135 // n 0005886 // pl:0019899 // er---
HGNC:30178 11q13.4	0006482 // pr:--- 0003824 // ca---
HGNC:26921 15q23	--- 0005634 // n 0003950 // N ---
HGNC:1918 17p13.1	0006333 // ch 0000785 // ch 0000166 // n ---
HGNC:7821 1q43	0007155 // ce 0005576 // ex 0005509 // ca---
HGNC:25996 17p11.2	--- 0016020 // m:--- ---
HGNC:13535 19p13.3	0006754 // A 0000299 // in:0000166 // n ---
HGNC:8749 11p11.3-p11.2	0006468 // pr 0005737 // cy 0000166 // n ---
HGNC:8664 5q31	0007155 // ce 0005576 // ex 0005509 // ca---
HGNC:22423 7q34	--- --- --- ---
HPRD:13496 5q31.1	--- --- --- ---
HGNC:18311 9q31.1	0006457 // pr 0005783 // er 0003756 // pr---
-	--- --- --- ---
HGNC:27981 7q33	0006508 // pr 0005737 // cy 0004180 // ca---
HGNC:13944 6p21.32	0001701 // in:0005576 // ex 0005509 // ca---
HGNC:30649 3q13.2	--- 0005576 // ex:--- ---
HGNC:25777 15q21.3	0006355 // re 0005634 // n 0003677 // DI---
HGNC:2551 7q36.1	0000082 // G:0005654 // n 0005515 // pr---
HGNC:3232 1p36.3	--- --- 0005509 // ca---
HGNC:20659 1p13.2	--- 0016020 // m:--- ---
HGNC:21091 6p12.1-p11.2	0006350 // tr:0005622 // in:0003677 // DI---
HGNC:28442 4p15.31	--- --- 0005488 // bi---
HGNC:18273 6p21.1-p12.1	0006350 // tr:0005622 // in:0003677 // DI---
HGNC:13406 7q11.23-q21.3	0006810 // tr:0005856 // cy 0005215 // tr:---
HGNC:32233 8p21	--- --- --- ---

HGNC:2903 17p13.1	0006461 // pr 0005737 // cy 0005515 // pr ---
HGNC:10857 16q12	0006508 // pr 0005777 // pe 0000166 // nu ---
HGNC:18302 6q15	0006461 // pr 0005634 // nu 0000166 // nu ---
HGNC:7907 13q22.1	0008152 // m 0005634 // nu 0003777 // m ---
HGNC:13779 20p13-p12.1	--- --- 0005515 // pr ---
HGNC:8600 12q13.33	--- 0005886 // pl 0005515 // pr ---
HGNC:17278 6q15	0006350 // tr: 0005634 // nu 0004872 // re ---
HGNC:674 M Xq28	0007010 // cy 0005622 // in: 0005070 // ST ---
NA NA	--- --- --- ---
HGNC:13209 7q33-q35	0007242 // in: 0005622 // in: 0005085 // gu ---
HGNC:37269 5p15.31	0019941 // m --- 0000166 // nu ---
HGNC:16717 10q26.2	--- 0005634 // nu 0000166 // nu ---
- 8q24.13	--- --- --- ---
HGNC:23690 17q12	--- 0005737 // cy --- ---
HGNC:25646 8q13.1	0006468 // pr 0005768 // er 0000166 // nu ---
HGNC:777 M 16q22.3-q23.1	0000122 // ne 0005622 // in: 0003676 // nu ---
HGNC:27270 9q33.3	--- 0005576 // ex 0042803 // pr ---
HGNC:6770 18q21.1	0001658 // ur 0005622 // in: 0003677 // DI Cell_cycle_KEGG // GenMAP
HGNC:25225 19p13.11	--- --- --- ---
HGNC:30654 3q23	0006139 // nu 0005622 // in: 0003676 // nu ---
- 13q12-q13	--- --- --- ---
HGNC:652 M 1q42	0006810 // tr: 0000139 // Gc 0000166 // nu ---
HGNC:12754 4p16.1	0007605 // se 0005737 // cy 0003779 // ac Hypertrophy_model // GenM
HGNC:28188 11q22.1	--- --- --- ---
HGNC:30164 15q25.1	0007165 // sig --- 0003677 // DI ---
HGNC:2235 10p15	0006350 // tr: 0005622 // in: 0003676 // nu ---
HGNC:28680 15q15.1	--- --- 0005515 // pr ---
HGNC:10363 8q21.11	0006364 // rR 0005622 // in: 0003677 // DI Ribosomal_Proteins // GenM
Ensembl:ENSC1q42	0006468 // pr 0005737 // cy 0000166 // nu ---
HGNC:20437 2p15	0006950 // re 0005737 // cy 0001671 // A1 ---
- 10q11.22	--- --- --- ---
HGNC:12629 17p13	0006464 // pr 0005622 // in: 0003676 // nu ---
HGNC:29333 2q11.2	--- --- --- ---
HGNC:26636 3q23	0006350 // tr: 0005622 // in: 0003676 // nu ---
HGNC:28612 Xq22.2	0006334 // nu 0000786 // nu 0003677 // DI ---
HGNC:25672 15q23	--- --- --- ---
HGNC:29001 12q13.3	--- 0016020 // m --- ---
HGNC:7544 19q13.42	--- 0016020 // m --- ---
HGNC:31746 5q32	--- --- --- ---
HGNC:9864 17q21	0006334 // nu 0005634 // nu 0001972 // re Nuclear_Receptors // GenM
HGNC:26583 Xq22.3	--- 0005634 // nu --- ---
HGNC:9692 13q25	0001878 // re 0005576 // ex 0001872 // zy ---
HGNC:20561 16p13.3	--- 0000139 // Gc 0004872 // re ---
HGNC:22935 19q13.3	0007155 // ce 0005634 // nu 0005488 // bi ---
HGNC:7882 1p13-p11	0001709 // ce 0005634 // nu 0003706 // lig ---
HGNC:30259 22cen-q12.3	0007165 // sig 0005622 // in: 0000287 // m ---
HGNC:264 M 17p12-p11.2	0000187 // ac 0005886 // pl 0001609 // ac GPCRDB_Class_A_Rhodopsin
HGNC:15991 3q29	0006508 // pr 0005737 // cy 0004222 // m ---

HGNC:7596 12q12-q34	---	0016459 // m	0000166 // n	---
HGNC:13924 6p22.1	---	---	---	---
HGNC:30804 5q33.3	---	---	---	---
HGNC:9126 17q22	0048009 // in	---	0005515 // pr	---
HGNC:7980 12q13	0006350 // tr	0005634 // n	0003677 // DI	Nuclear_Receptors // GenM.
HGNC:12565 17q11.2	0007268 // sy	0005625 // so	---	---
HGNC:26606 11p14.1	---	---	0008168 // m	---
HGNC:17227 22q11.21	---	---	---	---
HGNC:6547 19p13.3	0006493 // pr	0005768 // er	0004872 // re	Statin_Pathway_PharmGKB ,
HGNC:10862 8q24.22	0006464 // pr	0005576 // ex	0003836 // be	---
HGNC:955 M 9q12	0006350 // tr	0000228 // n	0003677 // DI	---
HGNC:11947 19q13.4	0001570 // va	0005737 // cy	0003779 // ac	Striated_muscle_contractior
- 14q32.11	---	---	---	---
HGNC:21764 7q22.1	---	0016020 // m	---	---
HGNC:2399 22q11.2-q12.1	---	---	---	---
HGNC:8975 13q26.3	0006006 // gl	0005737 // cy	0004428 // in	---
HGNC:17258 9q21.33	0006508 // pr	0005634 // n	0004180 // ca	---
HGNC:31682 22q13	0007049 // ce	0005622 // in	0005096 // G	---
HGNC:2851 12q37.1	0007165 // si	0005737 // cy	0004143 // di	---
- 18p11.31	---	---	---	---
HGNC:2877 14q21.33	0000910 // cy	0005737 // cy	0003779 // ac	DNA_replication_Reactome
HGNC:20328 13q34	0019941 // m	---	---	---
- 7p15.1	---	---	---	---
HGNC:9905 11q12	0000184 // n	0005634 // n	0000166 // n	---
HGNC:9347 11p36.21	0006350 // tr	0005622 // in	0003677 // DI	---
HGNC:21265 12p13.31	0006508 // pr	0005576 // ex	0003824 // ca	---
HGNC:24358 Xp11.2	0006334 // n	0005634 // n	0000182 // rD	---
HGNC:17791 2q11.2	0008015 // bl	0005622 // in	0005096 // G	Cell_cycle_KEGG // GenMAP
HGNC:19162 15q15.2	0007018 // m	---	0000166 // n	---
HGNC:30499 19q13.31	---	---	---	---
HGNC:9882 13p21.3	0007049 // ce	0005634 // n	0005515 // pr	---
HGNC:20001 1p32.3	0001822 // ki	0005576 // ex	0004252 // se	---
HGNC:22036 7q31.1	---	0016020 // m	---	---
HGNC:21361 6p25.2	0007154 // ce	---	0005515 // pr	---
HGNC:25019 1p32.1-p33	0006950 // re	---	---	---
HGNC:4747 6p21.3	0006334 // n	0000786 // n	0003677 // DI	---
HGNC:13180 14q22-q24	---	0005783 // er	0005545 // p	---
HGNC:30207 1p22.1-p21.3	0007165 // si	0005622 // in	0005096 // G	---
HGNC:28993 16q24.3	---	0005783 // er	---	---
HGNC:18062 16q12.1	0009058 // bi	---	0003824 // ca	---
HGNC:17241 17p11.2	---	0005622 // in	0008270 // zi	---
HGNC:18732 9p22	0019941 // m	---	0005515 // pr	---
HGNC:30777 7p15.3	0006350 // tr	0005634 // n	---	---
HGNC:6281 19q13.1	0006810 // tr	0008076 // vc	0005216 // io	---
HGNC:18662 18q21.32	0006350 // tr	0005634 // n	0003677 // DI	---
HGNC:24788 2q11.2	0006508 // pr	---	0004176 // A	---
HGNC:14470 12q13	0006810 // tr	0005622 // in	0005085 // g	---
HGNC:5465 15q26.3	0006468 // pr	0005792 // m	0000166 // n	---

HGNC:4830 N 11p15.5	0006810 // tr:0005833 // hε0005344 // ox---
HGNC:26619  4p16.3	0006469 // nε0005634 // nι0005515 // pr---
HGNC:17906  10q22.1	--- 0005634 // nι0000166 // nι---
HGNC:11063  16q24.3	0006520 // ar 0005737 // cy 0015171 // ar---
HGNC:28346  18p11.21	--- 0016020 // m --- ---
HGNC:19903  6q15-q16	--- 0005634 // nι0000166 // nι---
HGNC:16132  20p13	0006350 // tr:0005622 // in: 0000166 // nι---
HGNC:1130 N 12q22	0006479 // pr 0005634 // nι0003712 // tr: Circadian_Exercise // GenM
HGNC:6993 N 15q26	0006350 // tr:0005634 // nι0003677 // DI---
HGNC:6470 N Xq28	0007155 // ce 0005624 // m 0005178 // in:---
HGNC:29810  13q12.11	--- --- --- ---
HGNC:14294  22q13.3	0000165 // M 0005737 // cy 0005515 // pr---
HGNC:379 M 7q21-q22	0006810 // tr:0000242 // pε0005102 // re G_Protein_Signaling // GenN
HGNC:24762  2q13	--- --- 0003676 // nι---
HGNC:11547  17q11.1-q11.2	--- 0005622 // in: 0000166 // nι---
HGNC:15486  3p21	0006607 // NI 0005634 // nι0005515 // pr---
HGNC:17173  3q13.2	0007155 // ce 0005886 // pl: 0005515 // pr---
HGNC:7880 N 7q22-qter	0006350 // tr:0005634 // nι0000166 // nι---
HGNC:13938  6p21.33	0006298 // m 0000795 // sy 0000166 // nι Ovarian_Infertility_Genes //
HGNC:1266 E 21q22.3	--- 0005576 // ex --- ---
HGNC:26199  15q14	--- 0005730 // nι0005488 // bi ---
HGNC:15584  1p36.11	0006810 // tr:0005624 // m 0005215 // tr:---
HGNC:9646 N 4q21.3	0006470 // pr 0005634 // nι0004721 // p† Apoptosis_KEGG // GenMAP
HGNC:24187  22q11.23	0007166 // ce 0005634 // nι0004864 // p†---
HGNC:15797  -	--- --- 0000166 // nι---
HGNC:17499  11p14.3	0007165 // siξ 0005634 // nι0005085 // gu---
HGNC:19414  12q14.2	--- 0016020 // m --- ---
HGNC:24521  10q21.3	0006464 // pr 0005622 // in: 0016874 // lig---
HGNC:24475  5q14.1	0006544 // gl 0005737 // cy 0004047 // ar---
HGNC:28883  4q25	0006796 // p† 0005737 // cy 0000287 // m ---
HGNC:6831 N 4q22-q25	0005975 // ca 0005764 // ly: 0003824 // ca---
HGNC:29324  9q33.3	0048488 // sy 0005886 // pl: 0005515 // pr---
HGNC:5348 N 19p13.2	0006909 // p† 0005886 // pl: 0005515 // pr---
HGNC:14450  18p11.31	--- 0005634 // nι0008195 // p†---
HGNC:4933 N 6p21.3	0001539 // cil 0005576 // ex 0003777 // m Proteasome_Degradation //
HGNC:16919  17q21	0008152 // m 0005634 // nι0003677 // DI---
HGNC:19751  1q32.1	0007165 // siξ 0005622 // in: 0005096 // G---
HGNC:24679  17q12	0019941 // m 0005737 // cy --- ---
NA NA	--- --- --- ---
HGNC:9981 N 22q12.3	--- --- --- ---
HGNC:17409  19q13.12	0006350 // tr:0005622 // in: 0003676 // nι---
HGNC:28916  5q14.1	0006281 // DI 0005634 // nι0003713 // tr:---
HGNC:8565 N 14q11.2-q13	0000398 // nι0005634 // nι0000166 // nι mRNA_processing_Reactom
HGNC:1664 N 12q24.31	0006810 // tr:0005886 // pl: 0001530 // lip Statin_Pathway_PharmGKB ,
HGNC:4135 N 9p13	0005975 // ca 0005737 // cy 0003824 // ca GPCRDB_Class_A_Rhodopsin
HGNC:14922  3q29	--- 0005641 // nι --- ---
HGNC:7605 N 6q13	0006605 // pr 0001726 // ru 0000166 // nι---
HGNC:7809 N 17q21-q22	0006915 // aξ 0005634 // nι0004871 // siξ Apoptosis_KEGG // GenMAP

HGNC:3031 19p13.3	0006350 // tr:0005622 // in:0003677 // DI---
HGNC:16922 2q37	0006810 // tr:0005622 // in:0000166 // nL---
- 7q32.3	---
HGNC:8739 3q21-q24	--- 0005576 // ex:0005515 // pr---
HGNC:8896 Xq13	0006096 // gl:0005737 // cy:0000166 // nL Glycolysis_and_Gluconeoger
HGNC:24548 1q41	0007049 // ce:0000444 // M:0005515 // pr---
HGNC:29267 2p16.1	--- 0005634 // nL:0005488 // bi---
HGNC:237 M12q12-q13	0006171 // cA:0016020 // m:0000287 // m Calcium_regulation_in_cardi
HGNC:11969 16p11.2	--- 0005737 // cy:0000166 // nL---
HGNC:4242 5q34-q35	0005975 // ca:0005737 // cy:0004360 // gl---
HGNC:8845 17p13.1-p12	0006350 // tr:0005634 // nL:0004871 // si: Circadian_Exercise // GenM/
HGNC:9219 4q31.2	0000122 // nE:0005634 // nL:0003677 // DI---
HGNC:17754 13q14.3	--- 0005576 // ex---
HGNC:6860 10p11.23	0006468 // pr:0005737 // cy:0000166 // nL---
HGNC:9859 4q23-q25	--- --- 0005096 // G---
HGNC:23410 2p24.3-p24.1	--- 0016020 // m---
HGNC:10786 1p35.3	0000398 // nL:0005634 // nL:0000166 // nL mRNA_processing_Reactom
HGNC:33791 12q24.22	---
HGNC:16952 1q21.1	0006350 // tr:0005737 // cy:0004857 // er---
HGNC:28843 1p34.1	0006350 // tr:0005634 // nL:0003677 // DI---
HGNC:5392 6p21.3	0006915 // a:0005901 // ca:0005515 // pr---
HGNC:3526 17q21.1-q21.3	0006350 // tr:0005634 // nL:0003677 // DI---
HGNC:6884 16p13.3	0016192 // ve:0000139 // G:0005078 // M---
HGNC:19836 14q21.3	--- 0005737 // cy---
HGNC:9018 6q22.31	0006469 // nE---
HGNC:1458 7q32.1	--- 0005576 // ex:0005509 // ca---
HGNC:20271 14q11.2	0006417 // re:0005634 // nL---
HGNC:1786 11p15.5	0000079 // re:0005634 // nL:0004860 // pr G1_to_S_cell_cycle_Reactor
HGNC:29183 15q24.3-q25.1	0032313 // re:0005622 // in:0005096 // G---
HGNC:31813 17q21.31	0006897 // er:0005622 // in:0005096 // G---
HGNC:20669 1q22-q23.1	0007165 // si:0005622 // in:0005096 // G---
HGNC:18618 12q12	0000165 // M:0005622 // in:0000166 // nL---
HGNC:15989 1q32.3	0007275 // m:0005737 // cy:0000166 // nL---
HGNC:33425 22q12.1	---
- 9q34.11	---
HGNC:12716 17p13.2	0006810 // tr:0005886 // pl:0000166 // nL---
HGNC:4214 19p12	0008610 // li:0000139 // G:0005125 // cy---
HGNC:29409 2p13.2	0019941 // m:0005622 // in:0005515 // pr---
HGNC:18957 7q21	--- 0005886 // pl:0005515 // pr---
HGNC:9067 3q26	0006935 // ch:0000139 // G:0003824 // ca---
HGNC:10782 1p31	0000398 // nL:0005634 // nL:0000166 // nL---
HGNC:29484 10q21	--- 0005634 // nL:0003677 // DI---
HGNC:26327 17q21.31	--- 0005576 // ex---
-	---
Ensembl:ENSC3q23	0006396 // R---
HGNC:18475 Xq26.1	--- 0000139 // G:0008270 // zi---
HGNC:13931 6p21.3	0006952 // de:0005576 // ex:0004674 // pr---
HGNC:11136 9p22.3	0006350 // tr:0005634 // nL:0003677 // DI---



HGNC:28759	11q21	0006350 // tr:	0005634 // nt	0003677 // DI	---
HGNC:30023	3q12.3	0007049 // ce	0005634 // nt	0005515 // pr	---
HGNC:14027	21q21.3	---	0005739 // m	0000166 // nt	---
HGNC:27880	11q13.2	---	---	---	---
HGNC:28364	4q26	---	0005737 // cy	---	---
-	2q11.2	---	---	---	---
HGNC:20648	19q13.43	0006350 // tr:	0005622 // in:	0003676 // nt	---
HGNC:16290	1p13.1	0006350 // tr:	0005622 // in:	0003677 // DI	---
HGNC:33731	3q27.2	---	---	---	---
-	1q42.11	---	---	---	---
HGNC:14969	20p11	0006810 // tr:	---	0005515 // pr	---
HGNC:14383	17p12	---	0016020 // m	---	---
HGNC:21729	1q42.3	0006350 // tr:	0005634 // nt	---	---
HGNC:17198	15q26.3	---	0005794 // Gc	0016740 // tr:	---
HGNC:21537	6p24.2	---	0005634 // nt	---	---
HGNC:9376	15p12	0000187 // ac	0005622 // in:	0000166 // nt	Fatty_Acid_Synthesis // Gen
HGNC:26532	11p15.4	0006626 // pr	0005739 // m	0003777 // m	---
HGNC:1123	19q13	0006350 // tr:	0005622 // in:	0003676 // nt	Circadian_Exercise // GenM/
HGNC:24622	17q25.3	0008152 // m	0005622 // in:	0016787 // hy	---
HGNC:24845	2p13-p12	0006810 // tr:	0005737 // cy	0005515 // pr	---
HGNC:15905	20q13.12	0006350 // tr:	0005634 // nt	0003677 // DI	---
HGNC:29331	18q12.3-q21.1	---	---	---	---
HGNC:28629	7q21.2	---	---	---	---
HGNC:19338	6q21	0006468 // pr	0005634 // nt	0000166 // nt	---
HGNC:25885	19q13.42	0006350 // tr:	0005622 // in:	0003676 // nt	---
HGNC:31862	1q21.2	0007219 // Nc	0005576 // ex	0005509 // ca	---
HGNC:682	M 1q21-q22	0000902 // ce	0005622 // in:	0005085 // gu	---
HGNC:14686	21q21.2	0016337 // ce	0005886 // pl	---	---
HGNC:24936	12q14.1	---	0005622 // in:	---	---
HGNC:8987	1Xp11.23	0006468 // pr	0005634 // nt	0000166 // nt	---
HGNC:27559	16q22.1	0019752 // ca	0005576 // ex	0003824 // ca	---
HGNC:21099	6p21.31	---	---	0005488 // bi	---
HGNC:6840	15q22.1-q22.3	0006468 // pr	0005794 // Gc	0000166 // nt	Integrin-mediated_cell_adhe
HGNC:25002	16q21	---	0043234 // pr	---	---
HGNC:20111	14q32.2	---	---	---	---
HGNC:12392	17q11.2	0006457 // pr	---	0005488 // bi	---
-	2p22.1	---	---	---	---
HGNC:24712	1p12	---	---	---	---
HGNC:11553	11q23.2	0007517 // m	0005737 // cy	0003779 // ac	---
NA	NA	---	---	---	---
-	1p33	---	---	---	---
HGNC:9954	12p13-p12	0001816 // cy	0005634 // nt	0003677 // DI	---
HGNC:1859	12q11.22-q12	0000278 // m	0005737 // cy	0005515 // pr	---
HGNC:30419	19p13.3	0008152 // m	0005576 // ex	0003824 // ca	Ribosomal_Proteins // GenM
-	17p13.1	---	---	---	---
HGNC:6057	10q24.33	0007275 // m	0005882 // in:	0005198 // st	---
HGNC:905	M 19q13.1	0006468 // pr	0005887 // in:	0000166 // nt	---
HGNC:10389	16p	0006412 // tr:	0005622 // in:	0003723 // Rf	---

NA	NA	---	---	---	---
HGNC:29433	Xq13.3	0006139	// nt	0005634	// nt 0000166 // nt
-	-	---	---	---	---
HGNC:17688	10q23.31	0008033	// tR	0005634	// nt 0003824 // ca
HGNC:8127	Xq13	0006493	// pr	0005634	// nt 0005488 // bi
HGNC:9479	19p13.2	0000002	// m	0005737	// cy 0000166 // nt
HGNC:7995	1p32.2-p32.1	0006508	// pr	0005829	// cy 0003824 // ca
HGNC:9081	1p36.22	0001666	// re	0005783	// er 0005506 // ir
HGNC:12513	4p14	0006511	// uk	0005622	// in 0004197 // cy
HGNC:2769	12q24.31	0006413	// tr	---	0003743 // tr
HGNC:17102	19p13.3	0007165	// sig	0005622	// in 0005096 // G
HGNC:2467	3p21.3	0007275	// m	0000139	// G 0005515 // pr
HGNC:21353	6p12.1	0006350	// tr	---	0005515 // pr
HGNC:28091	5q14.2	0015986	// A	00016020	// m 0046933 // hy
HGNC:1982	19p13.3	0006950	// re	0005634	// nt 0000166 // nt
HGNC:32213	1p22.1	---		0016020	// m
HGNC:12621	17p11.2	0006350	// tr	0000124	// SA 0003713 // tr
HGNC:30500	16p11.2	0009607	// re	0016020	// m
HGNC:2736	12p11	0000070	// m	0005634	// nt 0000166 // nt
HGNC:2316	8q21.3	0006629	// li	0005737	// cy 0004674 // pr
-	5p13.1	---	---	---	---
HGNC:464	M 19p13.3	0001655	// ur	0005576	// ex 0005160 // tr
-	12q24.31	---	---	---	---
HGNC:18154	1q21.1	---	---	---	---
HGNC:30447	17p11.2	0008152	// m	0016020	// m 0003824 // ca
HGNC:30915	17q23.3	---		0005737	// cy 0005515 // pr
HGNC:10640	5q31	0006935	// ch	0005576	// ex 0005125 // cy
-	16q24.3	---	---	---	---
HGNC:28619	17p11.2	---		0005739	// m
HGNC:1461	22q12 7p14.3	0000082	// G	---	0000166 // nt Calcium_regulation_in_cardi
HGNC:533	M 9q12-q21.2 9	0006629	// li	0001533	// cc 0004859 // p Prostaglandin_synthesis_reg
HGNC:23059	1q31	0007155	// ce	0005576	// ex 0005488 // bi
HGNC:13617	18q22.3	0019941	// m	0019005	// SC 0005515 // pr
HGNC:12845	22q11.2	---		0005634	// nt
HGNC:18118	11q14.1	0006334	// nt	0005634	// nt 0005515 // pr
HGNC:18287	7q11.23	0006810	// tr	0005768	// er
HGNC:30545	5q31.1	---	---	---	---
HGNC:28506	12q24.31	---	---	---	---
HGNC:4857	2q37.3	0006629	// li	0005634	// nt 0003723 // R
HGNC:28725	1p34.2	0006464	// pr	---	0000166 // nt
HGNC:473	M 3p21.2-p21.1	0006546	// g	0005737	// cy 0004047 // ar
HPRD:18457	3q29	---	---	---	---
HGNC:28490	3q24	---		0005576	// ex
HGNC:14052	2q11.1-q11.2	0006412	// tr	0005622	// in 0003735 // st Ribosomal_Proteins // GenM
HGNC:2567	Xp22	0006952	// de	0005737	// cy
-	1p36.33	---	---	---	---
HGNC:10750	22q13.2	0000910	// cy	0005634	// nt 0000166 // nt
HGNC:29578	1q42.13	---	---	---	---

HGNC:19225 4q26	---	0016020 // m	---	---
HGNC:10924 17q25	0006810 // tr:	0005624 // m	0008028 // m	---
HGNC:16064 16p12	0006810 // tr:	0005622 // in:	0005515 // pr	---
HGNC:16990 11p15.1	0006325 // es	0005634 // nl	0003677 // DI	---
HGNC:4713 11p15.5	---	---	---	---
HGNC:28321 10q23.31	---	---	---	---
HGNC:29437 Xp22	0006508 // pr	0016020 // m	0008237 // m	---
HGNC:16244 20q13.32	0006508 // pr	0005622 // in:	0004177 // ar	---
HGNC:1928 14q31.3	0000077 // DI	0005634 // nl	0003677 // DI	---
HGNC:33847 5q31	---	0005576 // ex	---	---
HGNC:3230 3p24.1-p21.2	0006810 // tr:	0005886 // pl:	0004871 // sig	GPCRDB_Other // GenMAPP
HGNC:24948 19p13.3	0016568 // ch	0005634 // nl	0003677 // DI	---
HGNC:11164 15q11.2	0008380 // Rf	0005634 // nl	0003676 // nl	mRNA_processing_binding_l
HGNC:20655 5q31.1	0007165 // sig	0005622 // in:	0005085 // gu	---
HGNC:164 M1q42-q43	0006936 // m	0005730 // nl	0003779 // ac	Striated_muscle_contractor
HGNC:9008 16p13.3	0001502 // ca	0005634 // nl	0005488 // bi	---
HGNC:21696 7p21-p15	0006350 // tr:	0005634 // nl	0003700 // tr:	---
HGNC:4629 6p12.1	0008152 // m	0005737 // cy	0004364 // gl	---
HGNC:20876 6p25.2	0000731 // DI	0005634 // nl	0000166 // nl	---
HGNC:4431 17q21	0006810 // tr:	0000139 // Gc	0004872 // re	---
HGNC:10492 1q21	0043542 // er	---	0005509 // ca	---
HGNC:17680 7p22.1	0006350 // tr:	0005622 // in:	0003676 // nl	---
HGNC:9861 13q34	0007165 // sig	0005622 // in:	0000166 // nl	---
HGNC:9358 6q22	0006508 // pr	0005634 // nl	0004252 // se	---
HGNC:474 M1p21	0005975 // ca	0005576 // ex	0000166 // nl	Calcium_regulation_in_cardi
HGNC:14059 15q24	0000381 // re	0005634 // nl	0000166 // nl	---
HGNC:28654 3q13.31	---	0016020 // m	0008270 // zir	---
HGNC:29009 10q24.1	0006350 // tr:	0005622 // in:	0003677 // DI	---
HGNC:25853 2q31.2	0030030 // ce	0005929 // cil	0005488 // bi	---
HGNC:26234 17q12	---	0005737 // cy	0000166 // nl	---
HGNC:11317 7q34	0006260 // DI	0005739 // m	0003677 // DI	---
Ensembl:ENSC11q13.1	---	---	---	---
HGNC:20982 1q32.3-q41	---	---	0005515 // pr	---
HGNC:1772 17q22-qter	0006468 // pr	0005737 // cy	0000166 // nl	---
HGNC:24534 16p13.13	0006396 // Rf	0005622 // in:	0003723 // Rf	---
HGNC:12782 17q21	0001707 // m	0005576 // ex	0004871 // sig	Wnt_signaling // GenMAPP
HGNC:4714 22q13.1	0006334 // nl	0000786 // nl	0003677 // DI	---
HGNC:12989 13q11-q12	0006350 // tr:	0005634 // nl	0005515 // pr	---
HGNC:1363 E9q31	---	0016020 // m	---	---
HGNC:16933 5q22	0019941 // m	0005737 // cy	---	---
-1p36.33	---	---	---	---
HGNC:15607 13q34	0007165 // sig	0005622 // in:	0005085 // gu	---
HGNC:14446 2q33.3	0007049 // ce	0005923 // tif	0005515 // pr	---
HGNC:1737 1q42.11	0006468 // pr	0005737 // cy	0000166 // nl	---
NA NA	0006350 // tr:	0005622 // in:	0003676 // nl	---
HGNC:4163 21q22.1 21q2	0006164 // pl:	0005634 // nl	0000166 // nl	---
NA NA	---	---	---	---
HGNC:25847 17q21.32	0006915 // af:	0005634 // nl	0004842 // uk	---

HGNC:5172 18p21.2	0006350 // tr:0005634 // nt 0003677 // DI---
HGNC:30097 11q13	0000398 // nt 0005634 // nt ---
HGNC:17071 9p24.1	0006350 // tr:0005634 // nt 0003676 // nt ---
HGNC:26390 4q35.1	--- --- ---
HGNC:28989 16p12.2	--- --- ---
HGNC:5228 12q32-q34	0006457 // pr --- 0031072 // he---
HGNC:1750 16q22.1	0001501 // sk 0005886 // pl 0005509 // ca---
HGNC:27314 17q11.2	--- --- ---
- 5q14.3	--- --- ---
- 11q24.2	--- --- ---
HGNC:34519 7q36.1	0006350 // tr:0005622 // in: 0003676 // nt ---
HGNC:14543 Xp11.23-p11.2	0006468 // pr --- 0000166 // nt ---
HGNC:20721 22q13.33	--- --- 0003677 // DI---
HGNC:21721 7p15.3	--- --- ---
HGNC:18184 3q26.3	0019941 // m --- ---
HGNC:1916 11q12	--- 0005634 // nt 0000166 // nt ---
HGNC:1839 12q11.2	0007275 // m 0005576 // ex 0008083 // gr ---
HGNC:12333 3q22-q24	0006810 // tr:0005737 // cy 0004872 // re ---
HGNC:20597 13q13.3	0019941 // m 0005634 // nt 0005515 // pr ---
HGNC:30209 19p13.2	0007165 // sig --- 0005096 // G---
HGNC:29313 2q33.3	--- --- 0003676 // nt ---
HGNC:25268 12p13.1	0001525 // ar 0005576 // ex 0008289 // lip---
HGNC:10995 19p13.11	0006629 // lip 0005737 // cy 0000166 // nt ---
HGNC:25072 17q25.3	--- --- ---
HGNC:3530 15q33-qter	0002353 // pl 0005576 // ex 0003824 // ca Blood_Clotting_Cascade // C
HGNC:11167 20q11.2	0006936 // m 0005737 // cy 0003779 // ac---
HGNC:21039 Xq26.3	0006350 // tr:0005622 // in: 0003676 // nt ---
HGNC:25420 9q34.3	--- 0005622 // in: 0005515 // pr ---
HGNC:25492 19q13.2	--- --- 0005515 // pr ---
HGNC:1085 18p21	0006915 // ar 0005634 // nt 0005515 // pr Apoptosis // GenMAPP
HGNC:4005 19q34.11-q34.1	0006350 // tr:0005634 // nt 0003677 // DI---
HGNC:30132 1q22	--- 0016020 // m 0004872 // re ---
HGNC:23595 1p36.22	0008104 // pr --- ---
HGNC:19143 17q23.1-q23.2	0006511 // ut 0016020 // m 0004221 // ut---
HGNC:25712 2q33.1	0006505 // GI 0005783 // er 0004518 // nt ---
HGNC:33852 7q11.23-q21.1	--- --- 0005488 // bi ---
HGNC:381 M 7q35	0005975 // ca 0005615 // ex 0004032 // al---
HGNC:2850 17p21.2	0007205 // ac 0005737 // cy 0004143 // di---
HGNC:30184 9q22.32	0006470 // pr --- 0004721 // pt---
HGNC:4962 16p21.3	0002474 // ar 0005886 // pl 0032393 // M Proteasome_Degradation //
- 16q24.3	--- --- ---
HGNC:6554 11p31	0001525 // ar 0005576 // ex 0004872 // re ---
HGNC:21292 1pter-p22.2	0006810 // tr: 0030054 // ce ---
HGNC:9106 12q23.3	0007155 // ce 0005622 // in: 0004872 // re ---
HGNC:10862 8q24.22	0006464 // pr 0005576 // ex 0003836 // be---
HGNC:7109 17q32	0007165 // sig 0005737 // cy 0005515 // pr ---
HGNC:13309 17q25	0007165 // sig 0005739 // m 0004871 // sig GPCRDB_Class_C_Metabotr
HGNC:26211 1p36.33	--- --- ---

Ensembl:ENSC3p21.1	---	0016020 // m	---	---
HGNC:24260 17p13.1	0006350 // tr:	0000119 // m	0005515 // pr	---
HGNC:28596 1q42.3	0006486 // pr	0000139 // Gc	0008378 // ga	---
HGNC:26223 -	---	---	0003676 // nL	---
- 1p36.13	---	---	---	---
HGNC:5031 12q13.1	0000398 // nL	0005634 // nL	0000166 // nL	---
HGNC:11172 15q22.31	0006810 // tr:	0005737 // cy	0005515 // pr	---
HGNC:12775 12q13	0007165 // siξ	0005576 // ex	0004871 // siξ	Wnt_signaling // GenMAPP
HGNC:7225 1q23.3	0007268 // sy	0005886 // pl	0005198 // st	---
NA NA	---	---	---	---
Ensembl:ENSC Xp22.33	---	---	---	---
HGNC:16999 11q12	0000398 // nL	0005634 // nL	0000166 // nL	mRNA_processing_Reactom
HGNC:6880 17p11.2	0006468 // pr	0005634 // nL	0000166 // nL	Integrin-mediated_cell_adhe
HGNC:14375 19q13.2	0006417 // re	0005783 // er	0005515 // pr	---
HGNC:12925 12q24.32-q24	0006350 // tr:	0005622 // in:	0003676 // nL	---
HGNC:26108 2p23.2	---	---	---	---
HGNC:9678 12p13.3-p13.2	0006120 // m	0005739 // m	0004721 // pL	Electron_Transport_Chain //
HGNC:914 M 15q21-q22.2	0001916 // pC	0000139 // Gc	0005515 // pr	---
HGNC:15578 -	---	---	0005509 // ca	---
HGNC:10347 5p13	0006412 // tr:	0005622 // in:	0003723 // R	Ribosomal_Proteins // GenN
HGNC:23137 2q11.2	---	---	---	---
HGNC:29862 15q24.2	---	0005576 // ex	0008083 // gr	---
HGNC:15923 20q11.22	0006350 // tr:	0005634 // nL	0000166 // nL	mRNA_processing_Reactom
HGNC:3069 17q21	0006470 // pr	0005654 // nL	0004721 // pL	---
HGNC:21043 17p13	0006810 // tr:	0005622 // in:	0005509 // ca	---
HGNC:25489 3q27.1	0006355 // re	0005634 // nL	---	---
HGNC:20987 2q37.3	---	---	0008270 // zir	---
HGNC:7328 6p21.3	0006298 // m	0000795 // sy	0000166 // nL	Ovarian_Infertility_Genes //
HGNC:10025 1p32	0006350 // tr:	0005622 // in:	0003677 // DI	---
HGNC:23616 1q42.2	0006810 // tr:	0016020 // m	---	---
HGNC:6083 7q36	0006629 // liξ	0005783 // er	0005515 // pr	---
HGNC:20063 2q35	0006511 // ut	0005634 // nL	0004221 // ut	---
HGNC:14575 14q32	---	0005737 // cy	---	---
HGNC:3051 Xq22.3	0006355 // re	---	0003700 // tr:	---
HGNC:12921 19q13.4	0006350 // tr:	0005622 // in:	0003676 // nL	---
NA NA	---	---	---	---
HGNC:30743 5q22.1	---	0005576 // ex	0005125 // cy	---
HGNC:26777 12q23.3	0006730 // or	0005737 // cy	0000036 // ac	---
- 9q21.33	0007018 // m	0005874 // m	0000166 // nL	---
HGNC:18162 7q11.23	---	0005622 // in:	0005488 // bi	---
HGNC:27949 3p24.1-p23	0019752 // ca	---	0003824 // ca	---
HGNC:27223 7q36.3	---	---	0003676 // nL	---
HGNC:13112 14q23-q24	0006350 // tr:	0005622 // in:	0003677 // DI	---
HGNC:20810 19q13.41	0006350 // tr:	0005622 // in:	0003676 // nL	---
HGNC:11046 12p13.3	0006810 // tr:	0005887 // in:	0005328 // nE	---
HGNC:17307 10q22-q23	0016481 // nE	0005634 // nL	0000166 // nL	---
HGNC:21610 2q31	0007275 // m	0016020 // m	0005515 // pr	---
HGNC:12760 21q22.2	0006350 // tr:	0005634 // nL	0005515 // pr	---

HGNC:4564	17p12-p11.2	0007165 // si	0005737 // cy	0004872 // re	---
HGNC:5382	12q33.3	0005975 // ca	0005737 // cy	0000287 // m	---
HGNC:7787	19q22	0006350 // tr	0005634 // nt	0003677 // DI	---
-	5q35.3	---	---	---	---
HGNC:29249	1p36.23-p36.1	0019941 // m	---	---	---
HGNC:22953	8q24.12	0007242 // in	0005622 // in	0005515 // pr	---
HGNC:21248	6q27	---	---	---	---
HGNC:26197	11q13.2	---	---	---	---
NA	NA	0006120 // m	0005739 // m	0008137 // N	Electron_Transport_Chain //
HGNC:27323	5q35.2	---	---	---	---
HGNC:14678	13q22.3	0006813 // pc	0008076 // vc	0005249 // vc	---
HGNC:382 M	7q33	0006081 // ce	0005737 // cy	0004033 // al	---
HGNC:12422	1q21	0001503 // os	0005576 // ex	0005515 // pr	---
-	-	---	---	---	---
HGNC:28641	17p13.2	0006261 // DI	0005634 // nt	0008270 // zir	---
-	12q24.13	---	---	---	---
HGNC:7399	16q13	---	---	0005507 // co	---
HGNC:15805	Xq13.1	---	0005634 // nt	---	---
HGNC:16754	-	0032312 // re	---	0005096 // G	---
HGNC:23427	9q32	---	---	---	---
HGNC:18644	4q22.1	---	---	0005515 // pr	---
HGNC:12902	7p22.1	0006350 // tr	0005622 // in	0003676 // nt	---
HGNC:6244	12q36.3	0006810 // tr	0005856 // cy	0005216 // io	---
HGNC:10008	1p36.11	0006810 // tr	0005887 // in	0008519 // ar	---
HGNC:4312	11p22.1	0006534 // cy	0005625 // so	0004357 // gl	---
HGNC:29160	2q33.3	0006915 // a	---	0004672 // pr	---
HGNC:8878	10p15.3-p15.2	0006096 // gl	0005737 // cy	0000166 // nt	Glycolysis_and_Gluconeoger
HGNC:19834	14q21.2	---	---	---	---
HGNC:4921	16q23-q24	0006350 // tr	0005622 // in	0003676 // nt	---
HGNC:21242	6p21.3	---	---	---	---
HGNC:8764	19q12-q13.1	0006915 // a	---	0003677 // DI	---
HGNC:35 M	17q24.3	0006810 // tr	0000139 // G	0000166 // nt	---
-	8q23.1	---	---	---	---
HGNC:30809	2p24.3	0006468 // pr	0005634 // nt	0000166 // nt	---
HGNC:1583	12p13	0000082 // G	0000307 // cy	0005515 // pr	Cell_cycle_KEGG // GenMAP
HGNC:7390	1p36.13	0006508 // pr	0005576 // ex	0003824 // ca	---
HGNC:470 M	11p15	0006144 // pl	---	0003876 // A	---
HGNC:4844	13q13	0006355 // re	0005634 // nt	0003677 // DI	---
-	17p13.1	---	---	---	---
HGNC:10360	1p22.1	---	0016020 // m	---	---
HGNC:14373	1p22.1	0001570 // va	0005622 // in	0005171 // he	---
HGNC:4419	8p21-p11.2	0007165 // si	0005576 // ex	0005179 // hc	---
HPRD:13502	14q32.13	---	---	---	---
HGNC:18410	6q14.3	0006350 // tr	0005622 // in	0003677 // DI	---
HGNC:7380	13p21	0006508 // pr	0005576 // ex	0003824 // ca	---
-	1p22.1	---	---	---	---
HGNC:12998	17q11.2	0006355 // re	0005622 // in	0003677 // DI	---
HGNC:7869	16q21-q23	0001666 // re	0005622 // in	0003723 // R	---

HGNC:7703|N 10q23.2-q23.3 0006120 // m 0005739 // m 0003954 // N Electron\_Transport\_Chain //  
NA NA --- --- --- ---  
HGNC:29032| 16p13.3 0006810 // tr: 0005622 // in: 0005215 // tr: ---  
HGNC:4834|N 6q23-q24 0006412 // tr: --- 0000166 // n: ---  
HGNC:29451| 4p16 --- 0005576 // ex 0019838 // gr ---  
HGNC:11811| 2p25 0000122 // n: 0005622 // in: 0003676 // n: ---  
- 16p12.2 --- 0016020 // m 0016301 // ki: ---  
HGNC:3229|N 4q25 0000186 // ac 0005576 // ex 0005154 // e: TGF\_Beta\_Signaling\_Pathwa  
HGNC:2550|N 10p13 0006376 // m 0005625 // so 0000166 // n: mRNA\_processing\_Reactom  
HGNC:18058| 5q22.1 0006694 // st: --- 0008289 // li: ---  
HGNC:28195 7p13 --- --- --- ---  
HGNC:14184| 16p13.3 --- --- 0003676 // n: ---  
HGNC:10809| 13q12 0007010 // cy 0005737 // cy 0005515 // pr ---  
HGNC:14244| 10p12.1 0006355 // re 0005622 // in: 0000166 // n: ---  
HGNC:23693| 3q26.2-q27 0007165 // si: 0005886 // pl: 0004871 // si: ---  
HGNC:19304| 21q22.1 --- 0005634 // n: 0000166 // n: ---  
HGNC:30579| 12q24.11 0000902 // ce 0005737 // cy 0003779 // ac ---  
HGNC:19866| 17q21.33 0045449 // re 0005634 // n: 0008270 // zi: ---  
HGNC:11309| Xp21.1 0007155 // ce 0009986 // ce 0005515 // pr ---  
HGNC:21000| 10q22.2 --- --- 0008270 // zi: ---  
HGNC:1382|N 8q11-q12 0006730 // or 0005737 // cy 0004089 // ca ---  
HGNC:29073 17p11.2 --- --- 0016787 // hy ---  
- 17q22 --- --- --- ---  
HGNC:20746| 1p35.3 0007050 // ce 0005634 // n: --- ---  
HGNC:15801 20q11.22 --- 0016020 // m --- ---  
HGNC:6182|N 6p21 0006810 // tr: 0005634 // n: 0000822 // in: Calcium\_regulation\_in\_cardi  
HGNC:30926| 15q21.2 --- --- --- ---  
- 11q22.2 --- --- --- ---  
HGNC:16809| 17q22-q23 0006464 // pr 0000151 // ut: 0004842 // ut: ---  
HGNC:11214| 20q11.21 0007283 // sp 0005737 // cy 0005198 // st: ---  
HGNC:4224|N 5q31.1 0001555 // oc 0005576 // ex 0005125 // cy Ovarian\_Infertility\_Genes //  
HGNC:30430| 19p13.3 --- 0005737 // cy 0005515 // pr ---  
- 7q32.1 --- --- --- ---  
HGNC:28082| 9q34.3 0008152 // m --- 0016740 // tr: ---  
HGNC:14959| 1p13 0016481 // n: 0005634 // n: 0000166 // n: ---  
HGNC:17852| 12q 0001558 // re 0000139 // G: 0000287 // m ---  
- 7p15.1 --- --- --- ---  
HGNC:18826| 5q21.2 --- 0005634 // n: 0000210 // N: ---  
HGNC:4621|N 16p13.1 0000082 // G: 0005622 // in: 0000166 // n: ---  
HGNC:1743|N 6p21 0006350 // tr: 0005634 // n: 0003677 // DI ---  
HGNC:10825| 4p16.3 0007165 // si: --- 0005070 // S: ---  
- 19p13.11 --- --- --- ---  
HGNC:28108| 11q14.1 --- 0005739 // m --- ---  
HGNC:29502| 2q31.2 0007605 // se 0043025 // ce --- ---  
HGNC:684|M 2q22 0007242 // in: 0005622 // in: 0005085 // gu ---  
HGNC:3354|N 17pter-p11 0006096 // gl: 0000015 // pl: 0000287 // m Glycolysis\_and\_Gluconeoger  
HGNC:12476| 4q24 0006464 // pr --- 0004842 // ut: Proteasome\_Degradation //  
HGNC:833|M 10p15.1 0006119 // ox: 0000275 // m 0015078 // hy Electron\_Transport\_Chain //

HGNC:6692 12q13-q14	0006629 // liç 0005624 // m 0004872 // re Statin_Pathway_PharmGKB ,
HGNC:13831 10q26	--- 0016020 // m ---
HGNC:13917 6p21.3	0000398 // nç 0005634 // nç 0000166 // nç ---
- 10p13	--- --- ---
HGNC:30292 5q33.1	0006810 // tr: 0005622 // in: 0000166 // nç ---
HGNC:6390 6q27	0000070 // m 0005871 // kiç 0000166 // nç ---
HGNC:32972 16p13.3	--- --- ---
HGNC:16085 -	0006810 // tr: 0005739 // m 0005506 // irç ---
HGNC:9670 1p34	0006470 // pr 0005887 // in: 0004721 // pç ---
HGNC:8011 17q21	0007155 // ce 0005887 // in: 0004872 // re ---
HGNC:9021 15q22	0006096 // glç 0005737 // cy 0000287 // m Glycolysis_and_Gluconeoger
HGNC:12825 2p16	0000059 // pr 0005634 // nç 0003723 // Rç ---
HGNC:10997 1q21.3	0006629 // liç 0005739 // m 0000166 // nç ---
HGNC:13992 8p21.2	--- 0005634 // nç 0005515 // pr ---
HGNC:15558 22q11.23	--- --- ---
HGNC:12567 5q35.2	0006915 // aç 0005886 // plç 0004872 // re ---
HGNC:3973 19p13	0030514 // nç 0005576 // ex 0005488 // bi ---
HGNC:12625 11q23	0006511 // uç 0005634 // nç 0004221 // uç ---
HGNC:757 M 8q12.1	0006936 // m 0005783 // er 0004597 // pç ---
HGNC:3519 8q13.3	0006350 // tr: 0005634 // nç 0000287 // m ---
HGNC:5106 7p15-p14	0001501 // sk 0005634 // nç 0003677 // DI ---
HGNC:28526 3p14.1	--- 0005576 // ex 0016740 // tr: ---
HGNC:30267 17q11.2	0015031 // pr 0005768 // er 0005509 // ca ---
HGNC:8755 Xp22.11	0006656 // pç 0005737 // cy 0003824 // ca ---
- 16p12.2	--- --- ---
HGNC:9438 2q31.2	0006468 // pr 0005622 // in: 0003723 // Rç ---
HGNC:27424 10q25.2	--- 0005622 // in: 0003676 // nç ---
HGNC:18197 14q31.3	--- 0005737 // cy ---
HGNC:30815 11q13.1	--- --- ---
HGNC:25082 1p35.3-p34.1	0032312 // re 0005737 // cy 0005096 // Gç ---
- 16p13.1	0007218 // nç 0016020 // m ---
HGNC:25642 1p13.2	--- 0005634 // nç 0005515 // pr ---
HGNC:25631 3q13.2	--- --- ---
HGNC:17089 6q25	0006997 // nç 0005634 // nç 0003779 // aç ---
HGNC:21222 6q16.3	--- 0005634 // nç ---
HGNC:11187 2p22-p21	0007165 // siç 0005622 // in: 0003677 // DI Integrin-mediated_cell_adhe
HGNC:23527 10q26.2	--- 0005634 // nç ---
HGNC:11007 12p13.3	0005975 // ca 0005737 // cy 0005215 // tr: ---
MIM:610561 16p11.2	0006508 // pr 0005576 // ex 0003824 // ca ---
HGNC:25502 1pter-q31.3	0008033 // tR --- 0008168 // m ---
HGNC:18737 8p21.1	0006350 // tr: 0005622 // in: 0003677 // DI ---
HGNC:18587 7p22.3	--- 0005634 // nç 0005515 // pr ---
Ensembl:ENSC11p11.2	--- --- ---
HGNC:18706 Xp11	--- 0005768 // er ---
HGNC:18650 12q13.12	--- 0005737 // cy ---
HGNC:13753 9q31	--- 0005622 // in: ---
HGNC:23704 9p22.3	--- --- 0005488 // bi ---
HGNC:13670 5p14.3	--- --- ---



MIM:610337 7p13	0007049 // ce 0005634 // nt 0005525 // G1---
HGNC:25894 2q11.1	0006350 // tr: 0005622 // in: 0003676 // nt---
HGNC:5102 17p15-p14	0001501 // sk 0005634 // nt 0003677 // DI---
HGNC:7555 1p34.2	0006355 // re 0005634 // nt 0003677 // DI---
HGNC:21620 6p25.2	--- --- --- ---
- 1q23.3	--- --- --- ---
HGNC:20834 22q12.2	--- --- 0005509 // ca---
HGNC:17865 3q21.1	--- 0016020 // m --- ---
HGNC:6004 13q22.3	--- 0016020 // m 0004872 // re---
HGNC:5033 17p15	0000398 // nt 0005634 // nt 0000166 // nt mRNA_processing_Reactom
HGNC:13726 7q36.1	0006350 // tr: 0005634 // nt 0003677 // DI---
HGNC:414 M 16p11.2	0006000 // fr: 0005634 // nt 0003779 // ac Glycolysis_and_Gluconeoger
HGNC:1193 15q23-q24	--- --- --- ---
HGNC:4735 16p22-p21.3	0006334 // nt 0000786 // nt 0003677 // DI---
HGNC:26464 9q21.32	0007155 // ce 0005737 // cy 0000166 // nt---
HGNC:25947 3q27.1	--- 0005737 // cy 0005515 // pr---
HGNC:11208 2q31	0001503 // os 0005622 // in: 0003676 // nt---
HGNC:28472 3p25.1	--- 0005634 // nt --- ---
HGNC:30688 12q14	0006350 // tr: 0000151 // uk 0005488 // bi---
HGNC:17869 5q31	0006350 // tr: 0005634 // nt 0003700 // tr:---
HGNC:2900 13q29	0001935 // er 0005783 // er 0004385 // gu---
HGNC:19158 5p15.33	--- 0016020 // m 0008270 // zir---
HGNC:23484 10p15.1	--- --- --- ---
HGNC:30211 3q22.1	0008152 // m 0005634 // nt 0003777 // m---
HGNC:10774 1p34.3	0006281 // DI 0005634 // nt 0000166 // nt---
HGNC:28087 15q26.3	--- --- --- ---
HGNC:13760 5q33.3	0006915 // ar 0005576 // ex 0005515 // pr---
HGNC:19024 5q35.3	--- 0005622 // in: 0005515 // pr---
HGNC:11198 20p13	0006350 // tr: 0005634 // nt 0003677 // DI---
- 16p12.2	--- --- --- ---
HGNC:11052 3p25-p24	0001762 // be 0005887 // in: 0001761 // be---
HGNC:14422 3q13.1	0006350 // tr: 0005634 // nt 0003677 // DI---
HGNC:30093 16q23.3	0007275 // m --- 0008083 // gr---
HGNC:32404 17q21.31	--- 0016020 // m 0005515 // pr---
HGNC:12527 2p14-p13	0006011 // UI 0005737 // cy 0003983 // U <sup>1</sup> Circadian_Exercise // GenM
HGNC:989 M 1p22	0001843 // ne 0001772 // in: 0003713 // tr:---
HGNC:4085 1Xq28	0006810 // tr: 0005886 // pl 0004872 // re---
HGNC:27455 11q13.1	0006350 // tr: 0005634 // nt 0003677 // DI---
HGNC:11279 8q24.1	0008152 // m 0005783 // er 0004497 // m Cholesterol_Biosynthesis //
HGNC:14085 2p16.3	0001525 // ar 0005635 // nt 0005515 // pr---
HGNC:29672 7p22.3	--- 0005737 // cy 0008270 // zir---
HGNC:9829 13p25	0006468 // pr 0005741 // m 0000166 // nt MAPK_Cascade // GenMAPP
HGNC:9753 12p22.2	0006464 // pr --- 0008233 // pe---
- 7p14.3	--- --- --- ---
HGNC:9725 14q21-q22	0005975 // ca 0005625 // so 0000166 // nt Glycogen_Metabolism // Ge
HGNC:29136 19p13.3	0006350 // tr: 0005634 // nt 0003676 // nt---
HGNC:26660 15q11.2	--- 0005794 // Gc---
HGNC:37244 19p13.3	--- 0016020 // m --- ---

HGNC:29200 2p13.3	0045947 // nε 0005737 // cy 0000900 // tr:---
HGNC:4635 1p13.3	0008065 // es 0005737 // cy 0004364 // gl Circadian_Exercise // GenM/
HGNC:24156 11p11.2	0000122 // nε 0000118 // hi: 0003677 // DI---
HGNC:1394 17q22	0006810 // tr: 0005886 // pl: 0005216 // io ---
HGNC:19761 10q21.3	--- 0005634 // nι 0008270 // zir---
HGNC:23594 15q22.2	0008104 // pr --- --- ---
HGNC:4427 3p22-p21.3	0016192 // ve 0000139 // Gε 0000166 // nι ---
HGNC:19429 1q32.1	0006810 // tr: 0005886 // pl: 0000287 // m ---
HGNC:23244 14q24.3	0000398 // nι 0005634 // nι 0000166 // nι ---
HGNC:31696 18q21.1	--- --- 0005515 // pr---
- 2q36.3	--- --- ---
HGNC:4979 7q36	0006350 // tr: 0005634 // nι 0003677 // DI---
HGNC:23297 19q13.11	0006813 // pc 0008076 // vc 0005249 // vc---
HGNC:31972 15q11.2	--- 0005794 // Gε --- ---
HGNC:13429 Xq13-q21	--- --- ---
HGNC:25612 3p11.1	0006350 // tr: 0005622 // in: 0003677 // DI---
NA NA	--- 0005886 // pl: --- ---
HGNC:13589 9p13.2	0016567 // pr 0000151 // ut 0004842 // ut---
HGNC:6233 11p15	0006810 // tr: 0008076 // vc 0005216 // io ---
HGNC:17295 1p36.11	--- --- 0005529 // su---
HGNC:3188 11q14.2-q22.3	0006349 // gε 0001739 // se 0003682 // ch---
HGNC:11596 1q24.2	0006350 // tr: 0005634 // nι 0003677 // DI---
HGNC:7056 10q24.1-q24.3	0006516 // gl 0005634 // nι 0003824 // ca---
HGNC:9353 19p13.2	0006916 // ar 0005737 // cy 0004601 // pe---
HGNC:28637 3q29	--- 0005576 // ex 0005515 // pr---
HGNC:9968 6q21	0006139 // nι 0005634 // nι 0000166 // nι ---
HGNC:23138 4q31.21	--- 0016020 // m 0005515 // pr---
HGNC:11237 16q24.3	0006508 // pr 0005739 // m 0000166 // nι ---
HGNC:29135 18p11.22	--- 0005634 // nι --- ---
HGNC:34303 8q21.3	--- --- 0005515 // pr---
HGNC:12648 18p11.22	0006944 // m 0005624 // m 0004871 // siξ Circadian_Exercise // GenM/
HGNC:4832 11p15.5	0002026 // re 0005833 // hε 0003774 // m Smooth_muscle_contractor
HGNC:10939 9p24	0006810 // tr: 0005624 // m 0005313 // L- ---
HGNC:3629 8p23.1-p22	0006694 // st: 0005783 // er 0000287 // m Cholesterol_Biosynthesis // t
HGNC:368 M 17p11.1	0007165 // siξ 0005737 // cy 0004871 // siξ G_Protein_Signaling // GenN
HGNC:17794 1q42.11-q42.3	0000082 // G: 0000139 // Gε 0000166 // nι ---
HGNC:5326 6q24.2	--- --- ---
HGNC:25330 1p13.2	--- 0005730 // nι --- ---
HGNC:16645 7p15.3	0000398 // nι 0005634 // nι 0000166 // nι ---
HGNC:9688 17q21.2	0006350 // tr: 0005634 // nι 0003716 // R ---
HGNC:19370 4q22.1	--- --- ---
- 9p24.2	--- --- ---
- -	--- --- ---
HGNC:7778 14q11.2	0006350 // tr: 0005634 // nι 0003677 // DI---
HGNC:17224 16p13.3	0015031 // pr 0005768 // er 0005509 // ca---
- 2p11.2	--- --- ---
HGNC:21203 6p21.1	0007165 // siξ 0005737 // cy 0005515 // pr---
HGNC:1536 18q21.1	0006355 // re 0005634 // nι 0003700 // tr:---

HGNC:17798 14q24.3	---	0005634 // nt	---	---
HGNC:3223 1q21-q22	0007267 // ce	0005886 // pl	0005005 // tr	---
HGNC:7534 10q24-q25	0000122 // ne	0005634 // nt	0003677 // DI	---
HGNC:37229 15q25.2	---	---	---	---
HGNC:8060 14q24.3	0007275 // m	0005634 // nt	0005515 // pr	---
HGNC:14336 8p11.22	---	0005634 // nt	0005543 // pt	---
HGNC:3280 7p22.3	0006412 // tr	0005737 // cy	0000166 // nt	Translation_Factors // GenM
HGNC:14942 8p23.1	0005975 // ca	---	---	---
- 8q22.3	---	---	---	---
- -	---	---	---	---
Ensembl:ENSCL16p13.11	---	0016020 // m	---	---
- 3q27.2	---	---	---	---
HGNC:19221 17q11.1	0007242 // in	0005622 // in	0005515 // pr	---
HGNC:1876 2q33-q34	0006508 // pr	---	0004197 // cy	---
HGNC:9672 19q13.4	0006470 // pr	0005737 // cy	0004721 // pt	---
HGNC:3016 10q26	0007399 // ne	0005737 // cy	0016787 // hy	---
HGNC:18349 14q11.2	0008152 // m	0005634 // nt	0003824 // ca	---
HGNC:27651 1q44	---	---	---	---
HGNC:13265 19p13.1	0006954 // in	0005783 // er	0004497 // m	---
HGNC:16207 20p11.22	0051056 // re	0005622 // in	0005096 // G	---
HGNC:11623 15q21	0006350 // tr	0005622 // in	0003677 // DI	---
HGNC:3314 19p13.2	0007275 // m	---	0000166 // nt	---
HGNC:14103 8p23	0035023 // re	0005622 // in	0005085 // gu	---
HPRD:08263 4p15.32	---	0016020 // m	---	---
HGNC:20210 14q22.1-q24.3	---	0016020 // m	---	---
HGNC:24236 10q21.3	0000398 // nt	0005634 // nt	0003676 // nt	---
HGNC:27222 7q36.1	0006350 // tr	0005622 // in	0003677 // DI	---
- 14q24.2	---	---	---	---
- 9p22.2	---	---	---	---
HGNC:4076 4p12	0001505 // re	0005886 // pl	0004872 // re	---
HGNC:8747 9q21.3	0001822 // ki	0005576 // ex	0004252 // se	---
HGNC:12586 16p12	0006119 // ox	0005634 // nt	0003824 // ca	Electron_Transport_Chain //
HGNC:29377 Xq21	---	0005622 // in	0003676 // nt	---
HGNC:17168 1q41	0006886 // in	0005625 // so	0005096 // G	---
HGNC:11374 5q35.1	0007166 // ce	0005576 // ex	0005179 // hc	---
HGNC:17693 1p36.1	0007601 // vi	0016020 // m	0000166 // nt	---
HGNC:10431 6q27	0000089 // m	0005634 // nt	0000166 // nt	Ribosomal_Proteins // GenM
HGNC:18301 12p13.31	0005975 // ca	0005737 // cy	0005215 // tr	---
HGNC:22951 2q31.1	0007242 // in	0016020 // m	0004872 // re	---
HGNC:8765 5p15.33	0006350 // tr	0005634 // nt	0003677 // DI	---
HGNC:26417 2q36.3	0006810 // tr	0005886 // pl	0015293 // sy	---
HGNC:2212 21q22.3	0007155 // ce	0005576 // ex	0005201 // ex	---
HGNC:20066 2p15	0006511 // ut	---	0004221 // ut	---
HGNC:15865 20pter-q11.23	---	---	---	---
HGNC:483 M 14q11.1-q11.2	0001525 // ar	0005576 // ex	0003676 // nt	---
HGNC:5036 4q21.1-q21.2	0000398 // nt	0005634 // nt	0000166 // nt	mRNA_processing_Reactom
HGNC:2135 11p15.4	0016311 // de	0005737 // cy	0005515 // pr	---
HGNC:26236 1p34.3	---	---	---	---

HGNC:3796 14q24.3	0006306 // DI0005634 // n0003677 // DI	Smooth_muscle_contractor
HGNC:7000 2p14-p13	0006350 // tr:0005634 // n0003677 // DI---	
HGNC:15825 19q13.32	0006350 // tr:0005634 // n0003677 // DI---	
HGNC:25527 2q35	--- 0005622 // in:0008270 // zir---	
HGNC:28859 7q32.1	0006950 // re:0016020 // m---	
- 19q13.43	---	
HPRD:08242 2q37.3	---	
HGNC:6923 3q25	0001701 // in:0005634 // n0003676 // n---	
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- Xq26.3	---	
HGNC:8596 5q14-q21	0001519 // p0000790 // n0003682 // ch---	
HGNC:30037 7p21-p11.2	0006810 // tr:0005737 // cy0017089 // gh---	
HGNC:10780 17q21.3-q22	---	
HGNC:12005 8q21	0009653 // ar:0005737 // cy0005509 // ca---	
- 9q12	---	
HGNC:25668 1p33	--- 0005794 // G---	
HGNC:4706 19q13.3	0005978 // gh:0005737 // cy0003824 // ca	Glycogen_Metabolism // Ge
HGNC:17069 9q34	0006897 // er:0005737 // cy0005515 // pr---	
HGNC:25200 1q21.2	0006412 // tr:0005622 // in:0003735 // st---	
HGNC:20452 2q14.2	0006629 // li:0005783 // er:0005515 // pr---	
HGNC:15413 7q35	---	
HGNC:16417 21q22.3	--- 0016020 // m---	
HGNC:10047 14q11.1	0006379 // m:0005576 // ex:0003676 // n---	
HGNC:29645 15q23	--- 0016020 // m:0004872 // re---	
HGNC:3350 1p36.3-p36.2	0000122 // n0000015 // p0000287 // m	Glycolysis_and_Gluconeoger
HGNC:18037 12q12	0006350 // tr:0005622 // in:0003677 // DI---	
HGNC:6229 1p36.3	0006810 // tr:0005737 // cy0005216 // io---	
HGNC:7679 8q24.3	0010038 // re:0005634 // n0005515 // pr---	
HGNC:20820 11q13.3	0006810 // tr:0016020 // m:0005216 // io---	
HGNC:30806 6p21.1	--- 0016020 // m---	
- 7q11.23	0006281 // DI:0005622 // in:0003676 // n---	
HGNC:8811 Xp22.11	0005975 // ca:0005739 // m:0000155 // tv	Krebs-TCA_Cycle // GenMAP
HGNC:21102 6q27	0006810 // tr:0016020 // m---	
HGNC:17972 6p25.1	--- 0005886 // pl---	
HGNC:23197 10q24.31	0006810 // tr:0005737 // cy---	
HGNC:4923 2p13	0005975 // ca:0005739 // m:0000166 // n	Glycolysis_and_Gluconeoger
HGNC:19367 4q22.1	0007165 // si:0005622 // in---	
HGNC:24855 12p11.22	0006810 // tr:0005794 // G---	
HGNC:9310 11q12-q13	0007165 // si:0000159 // pr:0005515 // pr	Glycogen_Metabolism // Ge
HGNC:29012 17p13.1	0000122 // n0005634 // n0005488 // bi---	
HGNC:16757 22q11	---	
- 11q13.4	0000012 // si:0005634 // n0003684 // d---	
HGNC:20815 2p11.2	0006350 // tr:0005634 // n0005506 // ir---	
- -	---	
HGNC:6295 11p15	---	
HGNC:12948 19q13.41-q13	0006350 // tr:0005622 // in:0003676 // n---	
HGNC:11012 1q32-q41	0001701 // in:0005886 // pl:0005385 // zir---	
HGNC:24715 Xq22.3	0032313 // re:0005622 // in:0005096 // G---	

HGNC:26209 9p13.2	---	---	0003676 // nL---
HGNC:7400 16q13	---	---	0005507 // cC---
HGNC:6780 22q13.1	0001701 // in	0005634 // nL	0003677 // DI Smooth_muscle_contractor
HGNC:18260 13q34	0006810 // tr:	0005794 // Gc	0000166 // nL---
HGNC:8874 10p14-p15	0006000 // fr:	0005829 // cy	0000166 // nL---
HGNC:31864 1q43	---	---	---
HGNC:7406 16q13	0006878 // ce---		0005515 // pr---
HGNC:3667 17p13.1	0007165 // siq---		0008083 // gr---
HGNC:10258 15q22.2	0006350 // tr:	0005634 // nL	0003677 // DI Nuclear_Receptors // GenM.
HGNC:17894 2p13.2-p13.1	0008380 // Rf	0005622 // in:	0003676 // nL---
HGNC:9604 9q32-q33.3	0001516 // pr	0005634 // nL	0004601 // pE Eicosanoid_Synthesis // Gen
HGNC:13280 14q22.1	0006457 // pr	0005624 // m	0005515 // pr---
HGNC:1232 1q42.1	0001666 // re	0005829 // cy	0005506 // irC---
HGNC:21213 6q23.3	0032012 // re	0005622 // in:	0005085 // gU---
HGNC:4922 10q22	0005975 // ca	0005739 // m	0000166 // nL Glycolysis_and_Gluconeoger
HGNC:11005 1p35-p31.3	0006810 // tr:	0005622 // in:	0005215 // tr:---
HGNC:6666 8p21.3-p21.2	0006464 // pr	0005576 // ex	0004720 // pr---
HGNC:14150 16p13.3	0019941 // m---		---
HGNC:4712 19p13.3	0006508 // pr	0005576 // ex	0003824 // ca---
HGNC:3802 5q12-q13	0006350 // tr:	0005634 // nL	0003677 // DI---
- 1q21.1	---	---	---
- 2q21.3	0006487 // pr	0000139 // Gc	0008375 // ac---
HGNC:4092 2q31	0006538 // gl:	0000139 // Gc	0003824 // ca Biogenic_Amine_Synthesis /
HGNC:21868 7p13	---	0016020 // m---	---
HGNC:363 M 1p31.3	0006139 // nL	0005739 // m	0000166 // nL---
HGNC:7398 16q13	---	0005737 // cy	0005507 // cC---
HGNC:32020 1q42.13	---	---	---
HGNC:3798 2p23.3	0006355 // re	0005634 // nL	0003677 // DI---
HGNC:9082 3q23-q24	0001666 // re	0005783 // er	0005506 // irC---
HGNC:25783 12q24.13	---	---	0005488 // bi---
HGNC:22986 9q32	0007155 // ce	0005576 // ex	0005198 // st:---
HGNC:26477 1p21.3	---	0016020 // m---	---
HGNC:13622 19q13.1-q13.2	0006810 // tr:	0005622 // in:	0005326 // nE---
HGNC:29836 12q13.3	---	---	---
HGNC:8971 11p15.5-p14	0006661 // pL	0005634 // nL	0004428 // in:---
HGNC:25480 3q12.2	---	0016020 // m---	---
- 11p15.5	---	---	---
HGNC:1084 10q26.3	0001666 // re	0005634 // nL	0005515 // pr---
HGNC:4180 3p12.3	0005975 // ca	0005829 // cy	0003824 // ca Glycogen_Metabolism // Ge
HGNC:30092 7q22.3	0007165 // siq	0005737 // cy	0005125 // cy---
NA NA	---	---	---
HGNC:13716 4p16.2	0007399 // nE---		---
HGNC:26379 17q23.2	---	---	0005509 // ca---
HGNC:16617 12p11.23-p12	0006350 // tr:	0005634 // nL	0003677 // DI---
HGNC:14943 14q11.2	0005975 // ca---		---
HGNC:29593 4q35.1	---	0005634 // nL---	---
HGNC:19317 3q28	0019538 // pr	0005783 // er	0005506 // irC---
HGNC:8782 19p13.11	0007165 // siq---		0003824 // ca G_Protein_Signaling // GenN

HGNC:17826	3q21.1	0019941 // m	---	---	---
HGNC:13258	12p13.2-p12.3	0006955 // in	0016020 // m	0005488 // bi	---
HGNC:6679	3q28	0007155 // ce	0005634 // n	0005515 // pr	---
HGNC:12680	6p12	0001525 // ar	0005576 // ex	0001968 // fit	Hypertrophy_model // Gen
HGNC:8809	2q31.1	0005975 // ca	0005739 // m	0000155 // t	Krebs-TCA_Cycle // GenMAP
HGNC:259 M	11p15.4	0006171 // c	0005576 // ex	0005102 // re	Smooth_muscle_contractor
HGNC:33584	16p13.3	---	---	---	---
NA	NA	---	---	---	---
HGNC:8546	10q21.3-q23.1	0018401 // p	0005739 // m	0004656 // pr	---
HGNC:8547	5q31	0018401 // p	0005783 // er	0004656 // pr	---
HGNC:24944	10pter-q26.12	0006915 // a	0005622 // in	---	---
HGNC:16039	19p13.3	0001525 // ar	0005576 // ex	0004857 // er	---
HGNC:6664	5q23.2	0001568 // bl	0005576 // ex	0004720 // pr	---
HGNC:26624	1p36.11	---	---	---	---
-	19p13.3	---	---	---	---
HGNC:17306	Xq13.1-q21.1	0006350 // tr	0005634 // n	0003677 // DI	---
-	7q35	---	---	---	---
HGNC:7405	16q13	0010038 // re	---	0005507 // cc	---
HGNC:10258	15q22.2	0006350 // tr	0005634 // n	0003677 // DI	Nuclear_Receptors // GenM.
HGNC:3785	14q23-q24	0007275 // m	---	0003824 // ca	---
HGNC:10487	1q21	0007165 // si	0005739 // m	0005102 // re	---
HGNC:4510	19p13.3	0007165 // si	0005886 // pl	0004871 // si	---
HGNC:16932	10p12	0030832 // re	---	0003779 // ac	---
HGNC:19233	10q22.2	0006486 // pr	0000139 // G	0008417 // fu	---
HGNC:1383	9p13-p12	0002009 // m	0005634 // n	0004089 // ca	---
HGNC:8875	3p22-p21	0006000 // fr	0005829 // cy	0000166 // n	---
HGNC:12698	9p24	0006629 // li	0005615 // ex	0004872 // re	---
HGNC:3353	12p13	0006096 // gl	0000015 // p	0000287 // m	Glycolysis_and_Gluconeoger
HGNC:418 M	17cen-q12	0006000 // fr	0005739 // m	0003824 // ca	Glycolysis_and_Gluconeoger
HGNC:1046	3p26	0006350 // tr	0005634 // n	0003677 // DI	---
HGNC:11373	8p21-p11.2	---	---	---	---
HGNC:34346	4q35.1	---	---	---	---
HGNC:9248	1q32.1	0007154 // ce	0005622 // in	0005515 // pr	---

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1-like // GenMAPP /// GPCRDB\_Other // GenMAPP

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