

QTL	Gene Symbol
1p36	CLSTN1
1p36	TARDBP
1p36	DFFB
1p36	SKI
1p36	DFFA
1p36	AURKAIP1
1p36	NMNAT1
1p36	CENTB5
1p36	THAP3
1p36	NADK
1p36	CA6
1p36	PLOD1
1p36	CDC2L2
1p36	CDC2L1
1p36	TNFRSF14
1p36	NPHP4
1p36	TNFRSF25
1p36	TNFRSF8
1p36	TNFRSF1B
1p36	VAMP3
1p36	PEX14
1p36	PHF13
1p36	DVL1
1p36	KLHL17
1p36	MTHFR
1p36	FBXO44
1p36	ISG15
1p36	KIF1B
1p36	KLHL21
1p36	MAD2L2
1p36	FBXO6
1p36	CPSF3L
1p36	ACTRT2
1p36	PGD
1p36	FBXO2
1p36	UBIAD1
1p36	ENO1
1p36	CAMTA1
1p36	CCNL2
1p36	PER3
1p36	NOL9
1p36	NOC2L
1p36	CALML6
1p36	EXOSC10
1p36	PARK7
1p36	PRDM16
1p36	CASZ1
1p36	RBP7
1p36	RNF207
1p36	PRKCZ
1p36	PEX10
1p36	RERE

1p36	TP73
1p36	HKR3
1p36	CHD5
1p36	HES2
1p36	CTNNBIP1
1p36	HES5
1p36	HES4
1p36	GPR153
1p36	CLCN6
1p36	RER1
1p36	TNFRSF18
1p36	SCNN1D
1p36	FRAP1
1p36	TAS1R1
1p36	SLC2A5
1p36	UBE2J2
1p36	OR4F5
1p36	TNFRSF9
1p36	ATAD3B
1p36	TNFRSF4
1p36	ICMT
1p36	GPR157
1p36	DHRS3
1p36	B3GALT6
1p36	OR4F29
1p36	AGTRAP
1p36	MFN2
1p36	PTCHD2
1p36	SRM
1p36	H6PD
1p36	KCNAB2
1p36	CORT
1p36	PLCH2
1p36	NPPA
1p36	GNB1
1p36	ERRFI1
1p36	KIAA0562
1p36	UBE4B
1p36	FLJ39609
1p36	MRPL20
1p36	APITD1
1p36	PIK3CD
1p36	ACOT7
1p36	SDF4
1p36	SPSB1
1p36	PLEKHG5
1p36	MASP2
1p36	AGRIN
1p36	GABRD
1p36	MEGF6
1p36	ATAD3A
1p36	ARHGEF16
1p36	RPL22

1p36	UTS2	
1p36	DNAJC11	
1p36	ANGPTL7	
1p36	PANK4	
1p36	TTL10	
1p36	NPPB	
1p36	PUSL1	
1p22	SSX2IP	
1p22	CDC14A	
1p22	RPL5	
1p22	CDC7	
1p22	SH3GLB1	
1p22	DDAH1	
1p22	LMO4	
1p22	EXTL2	
1p22	DPYD	
1p22	ABCD3	
1p22	LRRC8D	
1p22	VCAM1	
1p22	DBT	
1p22	SNX7	
1p22	GLMN	
1p22		15-Sep
1p22	EVI5	
1p22	BCL10	
1p22	BTBD8	
1p22	BRDT	
1p22	DR1	
1p22	PRKACB	
1p22	RTCD1	
1p22	PTBP2	
1p22	BXDC5	
1p22	ZNF644	
1p22	ZNF326	
1p22	GFI1	
1p22	EDG7	
1p22	GTF2B	
1p22	MTF2	
1p22	CYR61	
1p22	COL24A1	
1p22	EDG1	
1p22	BARHL2	
1p22	TGFBR3	
1p22	GBP5	
1p22	MCOLN3	
1p22	MCOLN2	
1p22	TMED5	
1p22	ABCA4	
1p22	GPR88	
1p22	LRRC8C	
1p22	F3	
1p22	SLC44A3	
1p22	HS2ST1	

1p22	GBP1
1p22	GBP2
1p22	LPHN2
1p22	GNG5
1p22	SLC35A3
1p22	LRRRC8B
1p22	HIAT1
1p22	ARHGAP29
1p22	CLCA1
1p22	DNASE2B
1p22	RP11-82K18.3
1p22	ODF2L
1p22	AGL
1p22	GBP3
1p22	PKN2
1p22	SASS6
1p22	CLCA3
1p22	DPH5
1p22	TTL7
1p22	CNN3
1p22	GCLM
1p22	FRRS1
1p22	BCAR3
1p22	CTBS
1p22	DNTTIP2
1p22	TMEM56
1p22	FAM69A
1p22	CLCA2
1p22	GBP7
2q14	IMP4
2q14	BIN1
2q14	MKI67IP
2q14	LIMS2
2q14	POLR2D
2q14	TFCP2L1
2q14	PLEKHB2
2q14	RALB
2q14	SMPD4
2q14	CLASP1
2q14	ACTR3
2q14	FKSG30
2q14	ERCC3
2q14	WDR33
2q14	TSN
2q14	PTPN18
2q14	IWS1
2q14	MAP3K2
2q14	GLI2
2q14	DBI
2q14	CNTNAP5
2q14	EN1
2q14	LYPD1
2q14	GPR148

2q14	FAM11B
2q14	GPR39
2q14	SFT2D3
2q14	MARCO
2q14	SCTR
2q14	HS6ST1
2q14	EPB41L5
2q14	DPP10
2q14	GPR17
2q14	TMEM37
2q14	PTPN4
2q14	STEAP3
2q14	ARHGEF4
2q14	NAP5
2q14	SAP130
2q14	DDX18
2q14	PROC
2q14	UGCGL1
2q14	INHBB
2q14	GYPC
2q14	H2-ALPHA
2q14	CFC1
2q14	RAB6C
2q14	MYO7B
3q22	FOXL2
3q22	CLSTN2
3q22	MME
3q22	RASA2
3q22	CP
3q22	CPB1
3q22	CPA3
3q22	PLOD2
3q22	TFDP2
3q22	SSR3
3q22	PLSCR1
3q22	PFN2
3q22	WWTR1
3q22	CCNL1
3q22	SOX14
3q22	MBNL1
3q22	ZIC4
3q22	ZIC1
3q22	ATR
3q22	XRN1
3q22	NMNAT3
3q22	RBP1
3q22	RBP2
3q22	TRIM42
3q22	TSC22D2
3q22	ZBTB38
3q22	SMARCA3
3q22	A4GNT
3q22	SLC9A9

3q22	SUCNR1
3q22	SLC33A1
3q22	GPR171
3q22	PLSCR4
3q22	P2RY14
3q22	PAQR9
3q22	USH3A
3q22	CHST2
3q22	TM4SF18
3q22	GRK7
3q22	RAP2B
3q22	CLDN18
3q22	AADAC
3q22	P2RY1
3q22	GPR87
3q22	COPB2
3q22	TM4SF1
3q22	P2RY12
3q22	ATP1B3
3q22	TM4SF4
3q22	RNF13
3q22	RNF7
3q22	SIAH2
3q22	MGC40579
3q22	CEP70
3q22	PLCH1
3q22	SELT
3q22	DHX36
3q22	MED12L
3q22	TXNDC6
3q22	PIK3CB
3q22	FAIM
3q22	SPSB4
3q22	GYG1
3q22	PLSCR2
3q22	EIF2A
3q22	BPESC1
3q22	MRPS22
3q22	AGTR1
3q22	PLS1
3q22	GMPS
3q22	KCNAB1
3q22	PCOLCE2
3q22	TRPC1
3q22	MRAS
3q22	SGEF
3q27	ACTL6A
3q27	SKIL
3q27	SENP2
3q27	AP2M1
3q27	USP13
3q27	ECE2
3q27	TNFSF10

3q27	POLR2H
3q27	PLD1
3q27	MAP3K13
3q27	KCNMB3
3q27	DVL3
3q27	PIK3CA
3q27	EIF4G1
3q27	KLHL24
3q27	ECT2
3q27	PSMD2
3q27	ARPM1
3q27	KLHL6
3q27	FXR1
3q27	PARL
3q27	SOX2
3q27	TBL1XR1
3q27	PHC3
3q27	EVI1
3q27	ZMAT3
3q27	ZNF639
3q27	VPS8
3q27	YEATS2
3q27	ATP11B
3q27	CLCN2
3q27	ABCC5
3q27	GPR160
3q27	PEX5L
3q27	SLC2A2
3q27	MFN1
3q27	DNAJC19
3q27	LAMP3
3q27	TLOC1
3q27	EPHB3
3q27	ALG3
3q27	KCNMB2
3q27	CLDN11
3q27	SERPINI1
3q27	SERPINI2
3q27	PRKCI
3q27	NLGN1
3q27	CHRD
3q27	THPO
3q27	TNIK
3q27	EIF2B5
3q27	MDS1
3q27	IGF2BP2
3q27	NDUFB5
3q27	FNDC3B
3q27	GNB4
3q27	GHSR
3q27	FLJ23049
3q27	GOLPH4
3q27	MCCC1

3q27	RPL22L1
3q27	WDR49
3q27	MRPL47
3q27	PDCD10
3q27	TTC14
3q27	EIF5A2
3q27	MGC2408
3q27	EHHADH
4q12	TEC
4q12	CNGA1
4q12	FIP1L1
4q12	CLOCK
4q12	LNX1
4q12	NFXL1
4q12	REST
4q12	HOP
4q12	GSH2
4q12	POLR2B
4q12	LPHN3
4q12	PDGFRA
4q12	CHIC2
4q12	EPHA5
4q12	TMEM165
4q12	KIT
4q12	SGCB
4q12	NPAL1
4q12	KDR
4q12	SPINK2
4q12	TXK
4q12	SCFD2
4q12	PAICS
4q12	IGFBP7
4q12	SRD5A2L2
4q12	FRYL
4q12	CORIN
4q12	EXOC1
4q12	C4orf14
4q12	ZAR1
4q12	NMU
4q12	PPAT
4q12	USP46
4q12	SRP72
5q12	ERBB2IP
5q12	ERCC8
5q12	ENC1
5q12	SMN1
5q12	RAD17
5q12	CENPH
5q12	CCNB1
5q12	PDE4D
5q12	NLN
5q12	ADAMTS6
5q12	CDK7

5q12	GTF2H2
5q12	MAP1B
5q12	MAST4
5q12	CD180
5q12	PLK2
5q12	BTF3
5q12	TAF9
5q12	BDP1
5q12	DIMT1L
5q12	SFRS12
5q12	UTP15
5q12	POLK
5q12	MIER3
5q12	TNPO1
5q12	IPO11
5q12	TINP1
5q12	ZNF366
5q12	TRIM23
5q12	MARVELD2
5q12	OCLN
5q12	ANKRA2
5q12	HTR1A
5q12	NDUFA12L
5q12	HMGCR
5q12	RAB3C
5q12	ELOVL7
5q12	HEXB
5q12	COL4A3BP
5q12	RGNEF
5q12	BIRC1
5q12	GFM2
5q12	SERF1A
5q12	F2RL2
5q12	KIF2
5q12	SMA5
5q12	F2R
5q12	PIK3R1
5q12	F2RL1
5q12	IQGAP2
5q12	SGTB
5q12	P18SRP
5q12	MRPS27
5q12	SDCCAG10
5q12	PART1
5q12	MCCC2
5q12	PTCD2
5q12	FLJ12595
5q12	SMA3
5q12	MRPS36
5q12	S100Z
5q12	PPWD1
5q12	CART
5q12	SMA4

5q12	PMCHL2
5q32	PCDHGB4
5q32	PCDHB7
5q32	PCDHGC3
5q32	PCDHA2
5q32	PCDHA3
5q32	PCDH1
5q32	PCDHGA12
5q32	PCDHGA11
5q32	PCDHGA10
5q32	PCDHGB1
5q32	PCDHGB3
5q32	PCDHGB2
5q32	PCDHGB5
5q32	PCDHGA2
5q32	PCDHGA8
5q32	PCDHA9
5q32	PCDHA1
5q32	PCDHA6
5q32	PCDHA5
5q32	PCDHA12
5q32	PCDHA11
5q32	PCDHA10
5q32	PCDHA4
5q32	PCDHA13
5q32	PCDHGA6
5q32	PCDHGA7
5q32	PCDHGA9
5q32	PCDHB1
5q32	PCDHAC2
5q32	PCDHAC1
5q32	PCDHGB7
5q32	PCDHGB6
5q32	PCDHGA5
5q32	PCDHGA3
5q32	PCDHGA4
5q32	PCDHA7
5q32	PCDHA8
5q32	PCDHGA1
5q32	FAT2
5q32	PCDHGC5
5q32	PCDHGC4
5q32	PCDHB8
5q32	PCDHB15
5q32	PCDHB12
5q32	TCERG1
5q32	PCDH12
5q32	G3BP
5q32	TNIP1
5q32	GEMIN5
5q32	CENTD3
5q32	ABLIM3
5q32	ATOX1

5q32	PCDHB16
5q32	PCDHB5
5q32	PCDHB10
5q32	PCDHB2
5q32	PCDHB3
5q32	PCDHB14
5q32	PCDHB13
5q32	PCDHB11
5q32	PCDHB4
5q32	PCDHB6
5q32	BRD8
5q32	CTNNA1
5q32	TGFBI
5q32	TAF7
5q32	PDGFRB
5q32	KCTD16
5q32	SPRY4
5q32	PKD2L2
5q32	PCDHB17
5q32	ANXA6
5q32	ETF1
5q32	EIF4EBP3
5q32	ADRB2
5q32	FGF1
5q32	MYOZ3
5q32	ANKHD1
5q32	FLJ41603
5q32	MYOT
5q32	KLHL3
5q32	APBB3
5q32	UBE2D2
5q32	PAIP2
5q32	CNOT8
5q32	PURA
5q32	HDAC3
5q32	PPARGC1B
5q32	MATR3
5q32	ZMAT2
5q32	SPINK1
5q32	RNF14
5q32	TCOF1
5q32	CDC25C
5q32	DCTN4
5q32	FBXO38
5q32	HNRPA0
5q32	EGR1
5q32	ZNF300
5q32	JMJD1B
5q32	SPOCK1
5q32	NR3C1
5q32	HAND1
5q32	CDX1
5q32	POU4F3

5q32	NDFIP1
5q32	NRG2
5q32	LOC153328
5q32	SLC23A1
5q32	HTR4
5q32	NMUR2
5q32	MFAP3
5q32	SLC26A2
5q32	CD74
5q32	SLC6A7
5q32	YIPF5
5q32	NDST1
5q32	SLC4A9
5q32	GFRA3
5q32	GALNT10
5q32	HBEGF
5q32	LRRTM2
5q32	REEP2
5q32	PDE6A
5q32	GPR151
5q32	DNAJC18
5q32	SLC36A1
5q32	MST150
5q32	SLC25A2
5q32	NPY6R
5q32	SPINK6
5q32	SPINK5
5q32	SPINK7
5q32	SPINK9
5q32	GRIA1
5q32	WNT8A
5q32	SPINK5L2
5q32	GPX3
5q32	MASK-BP3
5q32	CXXC5
5q32	DIAPH1
5q32	HARS
5q32	SYNPO
5q32	FCHSD1
5q32	SH3TC2
5q32	GRPEL2
5q32	CSNK1A1
5q32	LARS
5q32	MRPL22
5q32	GNPDA1
5q32	ARHGAP26
5q32	CAMK2A
5q32	LARP1
5q32	DPYSL3
5q32	HSPA9B
5q32	KIAA0141
5q32	HARSL
5q32	GM2A

5q32	CDC23
5q32	PACAP
5q32	CD14
5q32	IL9
5q32	LECT2
5q32	PFDN1
5q32	PRO1580
5q32	RBM22
5q32	IL17B
5q32	SPARC
5q32	PPP2R2B
5q32	RPS14
5q32	DND1
5q32	GLRA1
5q32	FBXL21
5q32	SIL1
5q32	NME5
5q32	PCYOX1L
5q32	STK32A
5q32	C5orf5
5q32	IK
5q32	CSF1R
5q32	NDUFA2
5q32	DAMS
5q32	KIF20A
6p25	NEDD9
6p25	RPP40
6p25	WRNIP1
6p25	PRPF4B
6p25	EEF1E1
6p25	NQO2
6p25	MUTED
6p25	RIPK1
6p25	TFAP2A
6p25	FOXC1
6p25	FOXF2
6p25	FOXQ1
6p25	SERPINB9
6p25	SERPINB6
6p25	CDYL
6p25	PAK1IP1
6p25	C6orf151
6p25	FAM50B
6p25	RREB1
6p25	GCM2
6p25	HIVEP1
6p25	ELOVL2
6p25	C6orf105
6p25	GCNT2
6p25	C6orf85
6p25	TMEM14C
6p25	HERV-FRD
6p25	SSR1

6p25	SLC35B3
6p25	TMEM14B
6p25	SERPINB1
6p25	EDN1
6p25	BPHL
6p25	GMDS
6p25	F13A1
6p25	PHACTR1
6p25	PECI
6p25	TXNDC5
6p25	DSP
6p25	MAK
6p25	RP11-145H9.1
6p25	RP11-506K6.3
6p25	LY86
6p25	FARS2
6p25	RIOK1
6p25	BMP6
6p25	TUBB2A
6p25	C6orf201
6q23-25	ARID1B
6q23-25	CITED2
6q23-25	SOD2
6q23-25	MAP3K7IP2
6q23-25	FBXO30
6q23-25	PERP
6q23-25	ZDHHC14
6q23-25	SHPRH
6q23-25	PEX3
6q23-25	CNKSR3
6q23-25	STX11
6q23-25	ESR1
6q23-25	FBXO5
6q23-25	RAET1E
6q23-25	TCP1
6q23-25	AKAP12
6q23-25	SYTL3
6q23-25	RAET1G
6q23-25	LATS1
6q23-25	SNX9
6q23-25	PLG
6q23-25	GTF2H5
6q23-25	WTAP
6q23-25	PBOV1
6q23-25	SUMO4
6q23-25	SF3B5
6q23-25	NUP43
6q23-25	PPIL4
6q23-25	EPM2A
6q23-25	HIVEP2
6q23-25	PLAGL1
6q23-25	PARK2
6q23-25	TULP4

6q23-25 ZBTB2
6q23-25 OLIG3
6q23-25 C6orf71
6q23-25 AIG1
6q23-25 VIL2
6q23-25 OPRM1
6q23-25 STXBP5
6q23-25 GRM1
6q23-25 LRP11
6q23-25 IL20RA
6q23-25 MAS1
6q23-25 AGPAT4
6q23-25 SLC22A2
6q23-25 SLC22A3
6q23-25 UST
6q23-25 GPR178
6q23-25 NOX3
6q23-25 SLC22A1
6q23-25 GPR126
6q23-25 CLDN20
6q23-25 C6orf72
6q23-25 ULBP3
6q23-25 IFNGR1
6q23-25 RGS17
6q23-25 ULBP2
6q23-25 ULBP1
6q23-25 PPP1R14C
6q23-25 IGF2R
6q23-25 TNFAIP3
6q23-25 PIP3-E
6q23-25 DYNLT1
6q23-25 IL22RA2
6q23-25 SYNE1
6q23-25 MAP3K4
6q23-25 PCMT1
6q23-25 MTHFD1L
6q23-25 LPAL2
6q23-25 RAET1L
6q23-25 TIAM2
6q23-25 SASH1
6q23-25 KIAA1244
6q23-25 ACAT2
6q23-25 HECA
6q23-25 VIP
6q23-25 SYNJ2
6q23-25 NMBR
6q23-25 REPS1
6q23-25 RAB32
6q23-25 LPA
6q23-25 C6orf103
6q23-25 MRPL18
6q23-25 RBM16
6q23-25 TAGAP

6q23-25 KATNA1
6q23-25 FUCA2
6q23-25 SERAC1
6q23-25 PHACTR2
7p21 CBX3
7p21 HNRPA2B1
7p21 ITGB8
7p21 TWIST1
7p21 HOXA9
7p21 MPP6
7p21 KLHL7
7p21 TAX1BP1
7p21 SNX10
7p21 HDAC9
7p21 RAPGEF5
7p21 NFE2L3
7p21 SP8
7p21 TRA2A
7p21 tcag7.981
7p21 CYCS
7p21 HOXA11
7p21 HOXA7
7p21 EVX1
7p21 HOXA6
7p21 HOXA3
7p21 HOXA5
7p21 HOXA1
7p21 HOXA13
7p21 HOXA10
7p21 HOXA4
7p21 HOXA2
7p21 SP4
7p21 TOMM7
7p21 GPNMB
7p21 ABCB5
7p21 C7orf9
7p21 NUPL2
7p21 OSBPL3
7p21 IGF2BP3
7p21 DNAH11
7p21 SCAP2
7p21 STK31
7p21 NPY
7p21 DFNA5
7p21 HIBADH
7p21 DRCTNNB1A
7p21 MGC27348
7p21 IL6
7p21 C7orf30
7q32 POT1
7q32 NUP205
7q32 ATP6V1F
7q32 BRAF

7q32	CPA1
7q32	CPA2
7q32	IMPDH1
7q32	CPA4
7q32	CPA5
7q32	LUC7L2
7q32	TBXAS1
7q32	SPAM1
7q32	SMO
7q32	CHCHD3
7q32	MTPN
7q32	FLNC
7q32	GCC1
7q32	SND1
7q32	IRF5
7q32	NRF1
7q32	WASL
7q32	ZC3HAV1
7q32	ZC3HC1
7q32	LOC168850
7q32	DGKI
7q32	PARP12
7q32	CADPS2
7q32	RBM28
7q32	TNPO3
7q32	KLF14
7q32	TRIM24
7q32	MKRN1
7q32	KIAA1549
7q32	CNOT4
7q32	CREB3L2
7q32	PAX4
7q32	ATP6V0A4
7q32	TAS2R5
7q32	SLC13A1
7q32	GPR37
7q32	CLEC5A
7q32	GRM8
7q32	PODXL
7q32	TRBV5-4
7q32	OR9A4
7q32	SLC13A4
7q32	SLC35B4
7q32	TAS2R38
7q32	LRRC4
7q32	PLXNA4A
7q32	TAS2R3
7q32	MGAM
7q32	TAS2R16
7q32	TAS2R4
7q32	OPN1SW
7q32	HIG2
7q32	NAG6

7q32	CALU
7q32	KIAA0828
7q32	LOC93432
7q32	MRPS33
7q32	METTL2B
7q32	PTN
7q32	MKLN1
7q32	FLJ25778
7q32	CALD1
7q32	AKR1B1
7q32	UBE2H
7q32	CHRM2
7q32	NDUFA5
7q32	LEP
7q32	TSGA14
7q32	AKR1B10
7q32	AKR1D1
7q32	ASB15
7q32	TTC26
7q32	EXOC4
7q32	FSCN3
7q32	SSBP1
7q32	FLJ32786
7q32	BPGM
7q32	MEST
7q32	MULK
7q32	NDUFB2
7q32	FLJ44186
7q32	ARF5
10p11	YME1L1
10p11	TCF8
10p11	ARMC3
10p11	PTF1A
10p11	GAD2
10p11	MPP7
10p11	ARHGAP21
10p11	DNAJC1
10p11	SVIL
10p11	ABI1
10p11	ZNF438
10p11	MLLT10
10p11	RAB18
10p11	BMI1
10p11	BAMBI
10p11	PLXDC2
10p11	GPR158
10p11	ARL5B
10p11	COMMD3
10p11	WAC
10p11	CACNB2
10p11	PIP5K2A
10p11	PDSS1
10p11	MASTL

10p11	ACBD5
10p11	THNSL1
10p11	ARMC4
10p11	NEBL
10p11	LYZL2
10p11	MAP3K8
10p11	LYZL1
10p11	PRTFDC1
10p11	SPAG6
10p11	C10orf63
10p11	MYO3A
10p11	APBB1IP
10p11	C10orf113
11q14	EVA1
11q14	CBL
11q14	H2AFX
11q14	PVRL1
11q14	ATP5L
11q14	AMICA1
11q14	ESAM
11q14	MCAM
11q14	FEZ1
11q14	KIRREL3
11q14	PDZD3
11q14	TIRAP
11q14	CD3D
11q14	TRAPPC4
11q14	THY1
11q14	USP2
11q14	ARHGEF12
11q14	ETS1
11q14	FLI1
11q14	PUS3
11q14	CHEK1
11q14	HSPA8
11q14	TBRG1
11q14	C11orf60
11q14	STS-1
11q14	DDX6
11q14	POU2F3
11q14	DCPS
11q14	ZNF202
11q14	MIZF
11q14	TRIM29
11q14	RNF26
11q14	MLL
11q14	PKNOX2
11q14	FOXR1
11q14	TECTA
11q14	OR8B8
11q14	OR10G9
11q14	TMEM25
11q14	ABCG4

11q14	OR8D4
11q14	ST3GAL4
11q14	OR8B12
11q14	SORL1
11q14	TMPRSS4
11q14	OR6M1
11q14	SRPR
11q14	DPAGT1
11q14	ARCN1
11q14	SCN4B
11q14	TMPRSS13
11q14	OR4D5
11q14	OR8B4
11q14	OR8G5
11q14	SPA17
11q14	FXYD6
11q14	OR10G7
11q14	ROBO3
11q14	VSIG2
11q14	OR6X1
11q14	OR6T1
11q14	OR8B3
11q14	OR8B2
11q14	OR8G2
11q14	BLR1
11q14	SC5DL
11q14	UPK2
11q14	CD3G
11q14	CDON
11q14	OR8D1
11q14	OR8D2
11q14	TMEM24
11q14	SCN3B
11q14	OR10G8
11q14	OR10G4
11q14	FLJ25530
11q14	MFRP
11q14	STT3A
11q14	PANX3
11q14	SCN2B
11q14	CD3E
11q14	LOH11CR2A
11q14	HMBS
11q14	GRIK4
11q14	ROBO4
11q14	C1QTNF5
11q14	BCL9L
11q14	OR8A1
11q14	NRGN
11q14	ACRV1
11q14	TMEM136
11q14	UBE4A
11q14	OR10S1

11q14	HYOU1
11q14	RPS25
11q14	SIAE
11q14	IL10RA
11q14	LRRC35
11q14	CRTAM
13q14	PCDH20
13q14	PCDH17
13q14	RCBTB1
13q14	RB1
13q14	MED4
13q14	PCDH8
13q14	KPNA3
13q14	NEK3
13q14	ZC3H13
13q14	WDFY2
13q14	GUCY1B2
13q14	CPB2
13q14	VPS36
13q14	KCTD4
13q14	PHF11
13q14	LCP1
13q14	INTS6
13q14	RCBTB2
13q14	TSC22D1
13q14	GTF2F2
13q14	UTP14C
13q14	SETDB2
13q14	RFP2
13q14	EBPL
13q14	HTR2A
13q14	ATP7B
13q14	COG3
13q14	CYSLTR2
13q14	OLFM4
13q14	KCNRG
13q14	LECT1
13q14	P2RY5
13q14	MLNR
13q14	SLC25A30
13q14	ITM2B
13q14	NUFIP1
13q14	CKAP2
13q14	FAM10A4
13q14	ESD
13q14	RP11-327P2.4
13q14	SUCLA2
13q14	NUDT15
13q14	DHRS12
13q14	CDADC1
13q14	C13orf18
13q14	CAB39L
13q14	SUGT1

13q14 TPT1
13q14 ALG11
13q14 RP11-78J21.1
13q14 TDRD3
13q14 DIAPH3
13q14 DNAJC15
13q14 SPERT
13q14 ARL11
16p11-12 PLK1
16p11-12 SCNN1G
16p11-12 SCNN1B
16p11-12 COG7
16p11-12 GGA2
16p11-12 ARHGAP17
16p11-12 LCMT1
16p11-12 ZNF694
16p11-12 ERN2
16p11-12 CACNG3
16p11-12 SLC5A11
16p11-12 HS3ST4
16p11-12 RBBP6
16p11-12 USP31
16p11-12 EARS2
16p11-12 UBPH
16p11-12 NDUFAB1
16p11-12 DCTN5
16p11-12 LOC63928
16p11-12 PRKCB1
16p11-12 TNRC6A
16p11-12 AQP8
19q13 SYMPK
19q13 PPP2R1A
19q13 ERCC2
19q13 PRMT1
19q13 CARD8
19q13 SNRPD2
19q13 SNRP70
19q13 PRPF31
19q13 CD3EAP
19q13 GEMIN7
19q13 U2AF2
19q13 FTL
19q13 PRKD2
19q13 NANOS2
19q13 SIGLEC10
19q13 SIGLEC8
19q13 SIGLEC11
19q13 SIGLEC9
19q13 SIGLEC12
19q13 SIGLEC6
19q13 SIGLEC7
19q13 SIGLEC5
19q13 DBP

19q13	SPIB
19q13	ATF5
19q13	ZNF468
19q13	ZNF667
19q13	PEG3
19q13	ZNF470
19q13	LOC284371
19q13	ZNF473
19q13	ZNF114
19q13	ZNF766
19q13	ZNF761
19q13	ZNF17
19q13	ZNF324B
19q13	ZNF776
19q13	CD33
19q13	MYBPC2
19q13	CNOT3
19q13	SIX5
19q13	BAX
19q13	NCR1
19q13	LIN7B
19q13	KCNA7
19q13	KCNC3
19q13	HSPBP1
19q13	TSKS
19q13	KLK6
19q13	NAPA
19q13	SPHK2
19q13	BBC3
19q13	CALM3
19q13	NALP2
19q13	NALP12
19q13	TNNT1
19q13	SHANK1
19q13	PSCD2
19q13	RCN3
19q13	KLK13
19q13	BIRC8
19q13	PPFIA3
19q13	PGLYRP1
19q13	TNNI3
19q13	RUVBL2
19q13	IRF3
19q13	TEAD2
19q13	GRLF1
19q13	PPP1R13L
19q13	FOXA3
19q13	LOC388558
19q13	ZNF541
19q13	FLJ16542
19q13	FLJ46385
19q13	LOC390980
19q13	ZNF787

19q13	BC37295_3
19q13	ZNF665
19q13	ZNF772
19q13	PLEKHA4
19q13	TRIM28
19q13	AURKC
19q13	EHD2
19q13	NOVA2
19q13	LIG1
19q13	NUP62
19q13	BRSK1
19q13	PNKP
19q13	TSEN34
19q13	ERCC1
19q13	SFRS16
19q13	GLTSCR2
19q13	GRWD1
19q13	ZNF616
19q13	KLP1
19q13	SAE1
19q13	KPTN
19q13	ZNF460
19q13	ZNF446
19q13	ZNF614
19q13	ZNF347
19q13	ZNF611
19q13	ZNF587
19q13	ZNF419A
19q13	ZNF350
19q13	ZNF577
19q13	ZNF418
19q13	ZIM3
19q13	ZNF256
19q13	ZNF610
19q13	ZNF447
19q13	ZNF28
19q13	ZNF615
19q13	ZNF135
19q13	ZNF548
19q13	ZNF342
19q13	ZNF549
19q13	ZNF544
19q13	ZSCAN1
19q13	ZSCAN4
19q13	ZNF324
19q13	ZNF613
19q13	ZNF211
19q13	ZNF432
19q13	ZNF547
19q13	ZNF132
19q13	ZNF542
19q13	ZNF83
19q13	ZNF671

19q13	ZNF154
19q13	ZNF550
19q13	ZNF584
19q13	ZNF480
19q13	ZNF606
19q13	NR1H2
19q13	HKR2
19q13	ZNF304
19q13	ZNF524
19q13	ZNF578
19q13	ZSCAN5
19q13	ZNF134
19q13	ZNF471
19q13	ZNF137
19q13	ZIM2
19q13	ZNF551
19q13	ZFP28
19q13	ZNF160
19q13	ZNF701
19q13	ZNF581
19q13	ZNF416
19q13	ZNF274
19q13	ZNF579
19q13	ZNF677
19q13	ZNF580
19q13	ZNF8
19q13	ZNF417
19q13	ZNF583
19q13	FLJ14768
19q13	ZNF702
19q13	ZNF444
19q13	ZNF497
19q13	ZNF600
19q13	ZNF264
19q13	ZNF71
19q13	ZNF331
19q13	ZNF175
19q13	ZNF628
19q13	ZNF582
19q13	EPN1
19q13	MGC35402
19q13	IZUMO1
19q13	HAS1
19q13	FPRL1
19q13	ZNF499
19q13	MZF1
19q13	MEIS3
19q13	NPAS1
19q13	FOSB
19q13	HIF3A
19q13	TPRX1
19q13	LOC91664
19q13	CRX

19q13	PPP5C
19q13	KIR2DL4
19q13	KIR2DL3
19q13	GP6
19q13	FCGRT
19q13	LILRB3
19q13	GNG8
19q13	KIR3DL1
19q13	LIM2
19q13	SLC6A16
19q13	LILRB2
19q13	KDELR1
19q13	SYT5
19q13	LILRA1
19q13	LILRA2
19q13	RASIP1
19q13	LILRB1
19q13	PLA2G4C
19q13	SYT3
19q13	TRPM4
19q13	FKRP
19q13	TMEM86B
19q13	SYNGR4
19q13	FUT2
19q13	FLT3LG
19q13	FUT1
19q13	NDUFA3
19q13	KIR2DS2
19q13	KIR2DS4
19q13	RTN2
19q13	KIR3DL2
19q13	SLC1A5
19q13	LILRB5
19q13	CACNG6
19q13	PRRG2
19q13	CPT1C
19q13	KIR2DL1
19q13	GPR32
19q13	LILRA4
19q13	VN1R1
19q13	CACNG8
19q13	CACNG7
19q13	C19orf18
19q13	KCNJ14
19q13	PTGIR
19q13	EMP3
19q13	MYADM
19q13	VN1R4
19q13	VN1R2
19q13	GPR77
19q13	NKG7
19q13	PTPRH
19q13	GPR4

19q13	CDC42EP5
19q13	SLC8A2
19q13	SLC27A5
19q13	POLD1
19q13	LAIR1
19q13	LILRA3
19q13	LAIR2
19q13	PRKCG
19q13	BCAT2
19q13	OSCAR
19q13	FLJ36070
19q13	MARK4
19q13	KLK2
19q13	KLC3
19q13	KLK8
19q13	KLK15
19q13	RPS5
19q13	TBC1D17
19q13	NTF5
19q13	GYS1
19q13	DKKL1
19q13	RRAS
19q13	KLK3
19q13	DMPK
19q13	KLK10
19q13	CKM
19q13	RPL13A
19q13	EML2
19q13	ETFB
19q13	KLK1
19q13	LILRB4
19q13	KLK11
19q13	RDH13
19q13	NALP7
19q13	RPL18
19q13	SULT2B1
19q13	QPCTL
19q13	AP2A1
19q13	FGF21
19q13	GALP
19q13	NUCB1
19q13	NALP5
19q13	NAPSA
19q13	KLK12
19q13	MYH14
19q13	BLOC1S3
19q13	BCL2L12
19q13	FPRL2
19q13	CGB
19q13	RPL28
19q13	CA11
19q13	ATPBD3
19q13	VASP

19q13	FCAR
19q13	OPA3
19q13	UBE2M
19q13	IL4I1
19q13	DMWD
19q13	VRK3
19q13	KLK7
19q13	AP2S1
19q13	PPP1R15A
19q13	DHRS10
19q13	STRN4
19q13	TULP2
19q13	KLK4
19q13	ALDH16A1
19q13	CLEC11A
19q13	A1BG
19q13	TIP39
19q13	KLK9
19q13	DHX34
19q13	LHB
19q13	CD37
19q13	HRC
19q13	UBE2S
19q13	CABP5
19q13	CHMP2A
19q13	IL11
19q13	KLK5
19q13	KLK14
19q13	GRIN2D
19q13	NALP11
19q13	COX6B2
19q13	SULT2A1
19q13	FLJ32658
19q13	RPS9
19q13	RPS11
19q13	TRAPPC6A
19q13	GIPR
19q13	FPR1
19q13	SEPW1
19q13	USP29
20q13	CDH22
20q13	RBL1
20q13	NCOA6
20q13	E2F1
20q13	ITCH
20q13	NCOA3
20q13	C20orf172
20q13	APBA2BP
20q13	RBM12
20q13	TP53RK
20q13	ID1
20q13	ITGB4BP
20q13	EIF2S2

20q13	ZSWIM1
20q13	ZSWIM3
20q13	C20orf127
20q13	B4GALT5
20q13	PTGIS
20q13	CBFA2T2
20q13	L3MBTL
20q13	ZNFX1
20q13	WISP2
20q13	UBE2V1
20q13	PTPRT
20q13	SRC
20q13	DBNDD2
20q13	HM13
20q13	ERGIC3
20q13	KCNB1
20q13	PIGT
20q13	HCK
20q13	PRKCBP1
20q13	ACSS2
20q13	KCNS1
20q13	DYNLRB1
20q13	PLCG1
20q13	STAU1
20q13	SNX21
20q13	GDF5
20q13	ACOT8
20q13	RBM39
20q13	NCOA5
20q13	C20orf100
20q13	EYA2
20q13	RBPSUHL
20q13	CEBPB
20q13	FKHL18
20q13	MAFB
20q13	SNAI1
20q13	LBP
20q13	BPI
20q13	PI3
20q13	CTNBL1
20q13	TP53INP2
20q13	TPX2
20q13	DDX27
20q13	CSE1L
20q13	STK4
20q13	RALY
20q13	SFRS6
20q13	NFS1
20q13	DNTTIP1
20q13	C20orf67
20q13	HNF4A
20q13	ZNF334
20q13	ZNF335

20q13	PLAGL2
20q13	ZNF341
20q13	ASXL1
20q13	PLTP
20q13	C20orf71
20q13	BPIL3
20q13	PLUNC
20q13	C20orf114
20q13	C20orf185
20q13	C20orf186
20q13	C20orf70
20q13	BPIL1
20q13	CDK5RAP1
20q13	ZNF313
20q13	ZHX3
20q13	PHF20
20q13	SCAND1
20q13	MYBL2
20q13	TGIF2
20q13	C20orf142
20q13	SLC35C2
20q13	BCL2L1
20q13	GGTL3
20q13	CDC91L1
20q13	SLC13A3
20q13	TOMM34
20q13	JPH2
20q13	ELMO2
20q13	RPN2
20q13	TM9SF4
20q13	EPB41L1
20q13	CD40
20q13	C20orf52
20q13	BLCAP
20q13	DLGAP4
20q13	SLC32A1
20q13	ARFGEF2
20q13	TGM2
20q13	COX4I2
20q13	EDEM2
20q13	PXMP4
20q13	SDC4
20q13	SPAG4
20q13	C20orf165
20q13	BAK1
20q13	SLC12A5
20q13	SERINC3
20q13	PROCR
20q13	SLC2A10
20q13	DUSP15
20q13	XKR7
20q13	SNTA1
20q13	MANBAL

20q13	WFDC6
20q13	WFDC12
20q13	SPINLW1
20q13	WFDC5
20q13	SLPI
20q13	WFDC2
20q13	WFDC3
20q13	WFDC8
20q13	WFDC10A
20q13	DNMT3B
20q13	KIAA1219
20q13	CEP250
20q13	MAP1LC3A
20q13	PREX1
20q13	ADA
20q13	PPP1R16B
20q13	C20orf24
20q13	SEMG1
20q13	MYLK2
20q13	MAPRE1
20q13	TNNC2
20q13	MYH7B
20q13	MYL9
20q13	POFUT1
20q13	AHCY
20q13	ASIP
20q13	NEURL2
20q13	SULF2
20q13	C20orf4
20q13	DHX35
20q13	TTLL9
20q13	NNAT
20q13	EMILIN3
20q13	FAM83D
20q13	YWHAB
20q13	SGK2
20q13	NDRG3
20q13	MATN4
20q13	Kua-UEV
20q13	KIF3B
20q13	SPAG4L
20q13	PPGB
20q13	TOP1
20q13	CPNE1
20q13	UBE2C
20q13	PTPN1
20q13	MMP9
20q13	SLA2
20q13	C20orf132
20q13	C20orf121
20q13	DEFB123
20q13	DEFB119
20q13	CHMP4B

20q13	DEFB118
20q13	GSS
20q13	RIMS4
20q13	C20orf10
20q13	GHRH
20q13	SAMHD1
20q13	TRPC4AP
20q13	DEFB121
20q13	KIAA0406
20q13	REM1
20q13	PKIG
20q13	SPATA2
20q13	SEMG2

Gene Name

calsyntenin 1
TAR DNA binding protein
DNA fragmentation factor, 40kDa, beta polypeptide (caspase-activated DNase)
v-ski sarcoma viral oncogene homolog (avian)
DNA fragmentation factor, 45kDa, alpha polypeptide
aurora kinase A interacting protein 1
nicotinamide nucleotide adenylyltransferase 1
centaurin, beta 5
THAP domain containing, apoptosis associated protein 3
NAD kinase
carbonic anhydrase VI
procollagen-lysine 1, 2-oxoglutarate 5-dioxygenase 1
cell division cycle 2-like 2 (PITSLRE proteins)
cell division cycle 2-like 1 (PITSLRE proteins)
tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator)
nephronophthisis 4
tumor necrosis factor receptor superfamily, member 25
tumor necrosis factor receptor superfamily, member 8
tumor necrosis factor receptor superfamily, member 1B
vesicle-associated membrane protein 3 (cellubrevin)
peroxisomal biogenesis factor 14
PHD finger protein 13
dishevelled, dsh homolog 1 (Drosophila)
kelch-like 17 (Drosophila)
5,10-methylenetetrahydrofolate reductase (NADPH)
F-box protein 44
ISG15 ubiquitin-like modifier
kinesin family member 1B
kelch-like 21 (Drosophila)
MAD2 mitotic arrest deficient-like 2 (yeast)
F-box protein 6
cleavage and polyadenylation specific factor 3-like
actin-related protein T2
phosphogluconate dehydrogenase
F-box protein 2
UbiA prenyltransferase domain containing 1
enolase 1, (alpha)
calmodulin binding transcription activator 1
cyclin L2
period homolog 3 (Drosophila)
nucleolar protein 9
nucleolar complex associated 2 homolog (S. cerevisiae)
calmodulin-like 6
exosome component 10
Parkinson disease (autosomal recessive, early onset) 7
PR domain containing 16
castor homolog 1, zinc finger (Drosophila)
retinol binding protein 7, cellular
ring finger protein 207
protein kinase C, zeta
peroxisome biogenesis factor 10
arginine-glutamic acid dipeptide (RE) repeats

tumor protein p73
GLI-Kruppel family member HKR3
chromodomain helicase DNA binding protein 5
hairy and enhancer of split 2 (Drosophila)
catenin, beta interacting protein 1
hairy and enhancer of split 5 (Drosophila)
hairy and enhancer of split 4 (Drosophila)
G protein-coupled receptor 153
chloride channel 6
RER1 retention in endoplasmic reticulum 1 homolog (*S. cerevisiae*)
tumor necrosis factor receptor superfamily, member 18
sodium channel, nonvoltage-gated 1, delta
FK506 binding protein 12-rapamycin associated protein 1
taste receptor, type 1, member 1
solute carrier family 2 (facilitated glucose/fructose transporter), member 5
ubiquitin-conjugating enzyme E2, J2 (UBC6 homolog, yeast)
olfactory receptor, family 4, subfamily F, member 5
tumor necrosis factor receptor superfamily, member 9
ATPase family, AAA domain containing 3B
tumor necrosis factor receptor superfamily, member 4
isoprenylcysteine carboxyl methyltransferase
G protein-coupled receptor 157
dehydrogenase/reductase (SDR family) member 3
UDP-Gal:betaGal beta 1,3-galactosyltransferase polypeptide 6
olfactory receptor, family 4, subfamily F, member 29
angiotensin II receptor-associated protein
mitofusin 2
patched domain containing 2
spermidine synthase
hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)
potassium voltage-gated channel, shaker-related subfamily, beta member 2
cortistatin
phospholipase C, eta 2
natriuretic peptide precursor A
guanine nucleotide binding protein (G protein), beta polypeptide 1
ERBB receptor feedback inhibitor 1
KIAA0562
ubiquitination factor E4B (UFD2 homolog, yeast)
hypothetical protein FLJ39609
mitochondrial ribosomal protein L20
apoptosis-inducing, TAF9-like domain 1
phosphoinositide-3-kinase, catalytic, delta polypeptide
acyl-CoA thioesterase 7
stromal cell derived factor 4
spla/ryanodine receptor domain and SOCS box containing 1
pleckstrin homology domain containing, family G (with RhoGef domain) member 5
mannan-binding lectin serine peptidase 2
agrin
gamma-aminobutyric acid (GABA) A receptor, delta
multiple EGF-like-domains 6
ATPase family, AAA domain containing 3A
Rho guanine exchange factor (GEF) 16
ribosomal protein L22

urotensin 2
DnaJ (Hsp40) homolog, subfamily C, member 11
angiopoietin-like 7
pantothenate kinase 4
tubulin tyrosine ligase-like family, member 10
natriuretic peptide precursor B
pseudouridylate synthase-like 1
synovial sarcoma, X breakpoint 2 interacting protein
CDC14 cell division cycle 14 homolog A (*S. cerevisiae*)
ribosomal protein L5
CDC7 cell division cycle 7 (*S. cerevisiae*)
SH3-domain GRB2-like endophilin B1
dimethylarginine dimethylaminohydrolase 1
LIM domain only 4
exostoses (multiple)-like 2
dihydropyrimidine dehydrogenase
ATP-binding cassette, sub-family D (ALD), member 3
leucine rich repeat containing 8 family, member D
vascular cell adhesion molecule 1
dihydrolipoamide branched chain transacylase E2
sorting nexin 7
glomulin, FKBP associated protein
15 kDa selenoprotein
ecotropic viral integration site 5
B-cell CLL/lymphoma 10
BTB (POZ) domain containing 8
bromodomain, testis-specific
down-regulator of transcription 1, TBP-binding (negative cofactor 2)
protein kinase, cAMP-dependent, catalytic, beta
RNA terminal phosphate cyclase domain 1
polypyrimidine tract binding protein 2
brix domain containing 5
zinc finger protein 644
zinc finger protein 326
growth factor independent 1
endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 7
general transcription factor IIB
metal response element binding transcription factor 2
cysteine-rich, angiogenic inducer, 61
collagen, type XXIV, alpha 1
endothelial differentiation, sphingolipid G-protein-coupled receptor, 1
BarH-like 2 (*Drosophila*)
transforming growth factor, beta receptor III (betaglycan, 300kDa)
guanylate binding protein 5
mucolipin 3
mucolipin 2
transmembrane emp24 protein transport domain containing 5
ATP-binding cassette, sub-family A (ABC1), member 4
G protein-coupled receptor 88
leucine rich repeat containing 8 family, member C
coagulation factor III (thromboplastin, tissue factor)
solute carrier family 44, member 3
heparan sulfate 2-O-sulfotransferase 1

guanylate binding protein 1, interferon-inducible, 67kDa
guanylate binding protein 2, interferon-inducible
latrophilin 2
guanine nucleotide binding protein (G protein), gamma 5
solute carrier family 35 (UDP-N-acetylglucosamine (UDP-GlcNAc) transporter), member A3
leucine rich repeat containing 8 family, member B
hippocampus abundant transcript 1
Rho GTPase activating protein 29
chloride channel, calcium activated, family member 1
deoxyribonuclease II beta
kynurenine aminotransferase III
outer dense fiber of sperm tails 2-like
amylo-1, 6-glucosidase, 4-alpha-glucanotransferase (glycogen debranching enzyme, glycogen storage disease type III)
guanylate binding protein 3
protein kinase N2
spindle assembly 6 homolog (C. elegans)
chloride channel, calcium activated, family member 3
DPH5 homolog (S. cerevisiae)
tubulin tyrosine ligase-like family, member 7
calponin 3, acidic
glutamate-cysteine ligase, modifier subunit
ferric-chelate reductase 1
breast cancer anti-estrogen resistance 3
chitinase, di-N-acetyl-
deoxynucleotidyltransferase, terminal, interacting protein 2
transmembrane protein 56
family with sequence similarity 69, member A
chloride channel, calcium activated, family member 2
guanylate binding protein 7
IMP4, U3 small nucleolar ribonucleoprotein, homolog (yeast)
bridging integrator 1
MKI67 (FHA domain) interacting nucleolar phosphoprotein
LIM and senescent cell antigen-like domains 2
polymerase (RNA) II (DNA directed) polypeptide D
transcription factor CP2-like 1
pleckstrin homology domain containing, family B (evectins) member 2
v-ras simian leukemia viral oncogene homolog B (ras related; GTP binding protein)
sphingomyelin phosphodiesterase 4, neutral membrane (neutral sphingomyelinase-3)
cytoplasmic linker associated protein 1
ARP3 actin-related protein 3 homolog (yeast)
actin-like protein
excision repair cross-complementing rodent repair deficiency, complementation group 3 (xeroderma pigmentosum group B c)
WD repeat domain 33
translin
protein tyrosine phosphatase, non-receptor type 18 (brain-derived)
IWS1 homolog (S. cerevisiae)
mitogen-activated protein kinase kinase kinase 2
GLI-Kruppel family member GLI2
diazepam binding inhibitor (GABA receptor modulator, acyl-Coenzyme A binding protein)
contactin associated protein-like 5
engrailed homolog 1
LY6/PLAUR domain containing 1
G protein-coupled receptor 148

family with sequence similarity 11, member B
G protein-coupled receptor 39
SFT2 domain containing 3
macrophage receptor with collagenous structure
secretin receptor
heparan sulfate 6-O-sulfotransferase 1
erythrocyte membrane protein band 4.1 like 5
dipeptidyl-peptidase 10
G protein-coupled receptor 17
transmembrane protein 37
protein tyrosine phosphatase, non-receptor type 4 (megakaryocyte)
STEAP family member 3
Rho guanine nucleotide exchange factor (GEF) 4
Nck-associated protein 5
Sin3A-associated protein, 130kDa
DEAD (Asp-Glu-Ala-Asp) box polypeptide 18
protein C (inactivator of coagulation factors Va and VIIIa)
UDP-glucose ceramide glucosyltransferase-like 1
inhibin, beta B (activin AB beta polypeptide)
glycophorin C (Gerbich blood group)
alpha-tubulin isotype H2-alpha
cripto, FRL-1, cryptic family 1
RAB6C, member RAS oncogene family
myosin VIIB
forkhead box L2
calsyntenin 2
membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10)
RAS p21 protein activator 2
ceruloplasmin (ferroxidase)
carboxypeptidase B1 (tissue)
carboxypeptidase A3 (mast cell)
procollagen-lysine, 2-oxoglutarate 5-dioxygenase 2
transcription factor Dp-2 (E2F dimerization partner 2)
signal sequence receptor, gamma (translocon-associated protein gamma)
phospholipid scramblase 1
profilin 2
WW domain containing transcription regulator 1
cyclin L1
SRY (sex determining region Y)-box 14
muscleblind-like (Drosophila)
Zic family member 4
Zic family member 1 (odd-paired homolog, Drosophila)
ataxia telangiectasia and Rad3 related
5'-3' exoribonuclease 1
nicotinamide nucleotide adenylyltransferase 3
retinol binding protein 1, cellular
retinol binding protein 2, cellular
tripartite motif-containing 42
TSC22 domain family, member 2
zinc finger and BTB domain containing 38
SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 3
alpha-1,4-N-acetylglucosaminyltransferase
solute carrier family 9 (sodium/hydrogen exchanger), member 9

succinate receptor 1
solute carrier family 33 (acetyl-CoA transporter), member 1
G protein-coupled receptor 171
phospholipid scramblase 4
purinergic receptor P2Y, G-protein coupled, 14
progesterone and adipoQ receptor family member IX
Usher syndrome 3A
carbohydrate (N-acetylglucosamine-6-O) sulfotransferase 2
transmembrane 4 L six family member 18
G protein-coupled receptor kinase 7
RAP2B, member of RAS oncogene family
claudin 18
arylamide deacetylase (esterase)
purinergic receptor P2Y, G-protein coupled, 1
G protein-coupled receptor 87
coatamer protein complex, subunit beta 2 (beta prime)
transmembrane 4 L six family member 1
purinergic receptor P2Y, G-protein coupled, 12
ATPase, Na⁺/K⁺ transporting, beta 3 polypeptide
transmembrane 4 L six family member 4
ring finger protein 13
ring finger protein 7
seven in absentia homolog 2 (Drosophila)
hypothetical protein MGC40579
centrosomal protein 70kDa
phospholipase C, eta 1
selenoprotein T
DEAH (Asp-Glu-Ala-His) box polypeptide 36
mediator of RNA polymerase II transcription, subunit 12 homolog (*S. cerevisiae*)-like
thioredoxin domain containing 6
phosphoinositide-3-kinase, catalytic, beta polypeptide
Fas apoptotic inhibitory molecule
spla/ryanodine receptor domain and SOCS box containing 4
glycogenin 1
phospholipid scramblase 2
eukaryotic translation initiation factor 2A, 65kDa
blepharophimosis, epicanthus inversus and ptosis, candidate 1
mitochondrial ribosomal protein S22
angiotensin II receptor, type 1
plastin 1 (I isoform)
guanine monophosphate synthetase
potassium voltage-gated channel, shaker-related subfamily, beta member 1
procollagen C-endopeptidase enhancer 2
transient receptor potential cation channel, subfamily C, member 1
muscle RAS oncogene homolog
Src homology 3 domain-containing guanine nucleotide exchange factor
actin-like 6A
SKI-like
SUMO1/sentrin/SMT3 specific peptidase 2
adaptor-related protein complex 2, mu 1 subunit
ubiquitin specific peptidase 13 (isopeptidase T-3)
endothelin converting enzyme 2
tumor necrosis factor (ligand) superfamily, member 10

polymerase (RNA) II (DNA directed) polypeptide H
phospholipase D1, phosphatidylcholine-specific
mitogen-activated protein kinase kinase kinase 13
potassium large conductance calcium-activated channel, subfamily M beta member 3
dishevelled, dsh homolog 3 (Drosophila)
phosphoinositide-3-kinase, catalytic, alpha polypeptide
eukaryotic translation initiation factor 4 gamma, 1
kelch-like 24 (Drosophila)
epithelial cell transforming sequence 2 oncogene
proteasome (prosome, macropain) 26S subunit, non-ATPase, 2
actin related protein M1
kelch-like 6 (Drosophila)
fragile X mental retardation, autosomal homolog 1
presenilin associated, rhomboid-like
SRY (sex determining region Y)-box 2
transducin (beta)-like 1X-linked receptor 1
polyhomeotic like 3 (Drosophila)
ecotropic viral integration site 1
zinc finger, matrin type 3
zinc finger protein 639
vacuolar protein sorting 8 homolog (S. cerevisiae)
YEATS domain containing 2
ATPase, Class VI, type 11B
chloride channel 2
ATP-binding cassette, sub-family C (CFTR/MRP), member 5
G protein-coupled receptor 160
peroxisomal biogenesis factor 5-like
solute carrier family 2 (facilitated glucose transporter), member 2
mitofusin 1
DnaJ (Hsp40) homolog, subfamily C, member 19
lysosomal-associated membrane protein 3
translocation protein 1
EPH receptor B3
asparagine-linked glycosylation 3 homolog (S. cerevisiae, alpha-1,3-mannosyltransferase)
potassium large conductance calcium-activated channel, subfamily M, beta member 2
claudin 11 (oligodendrocyte transmembrane protein)
serpin peptidase inhibitor, clade I (neuroserpin), member 1
serpin peptidase inhibitor, clade I (pancpin), member 2
protein kinase C, iota
neuroligin 1
chordin
thrombopoietin (myeloproliferative leukemia virus oncogene ligand, megakaryocyte growth and development factor)
TRAF2 and NCK interacting kinase
eukaryotic translation initiation factor 2B, subunit 5 epsilon, 82kDa
myelodysplasia syndrome 1
insulin-like growth factor 2 mRNA binding protein 2
NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5, 16kDa
fibronectin type III domain containing 3B
guanine nucleotide binding protein (G protein), beta polypeptide 4
growth hormone secretagogue receptor
hypothetical protein FLJ23049
golgi phosphoprotein 4
methylcrotonoyl-Coenzyme A carboxylase 1 (alpha)

ribosomal protein L22-like 1
WD repeat domain 49
mitochondrial ribosomal protein L47
programmed cell death 10
tetratricopeptide repeat domain 14
eukaryotic translation initiation factor 5A2
hypothetical protein MGC2408
enoyl-Coenzyme A, hydratase/3-hydroxyacyl Coenzyme A dehydrogenase
tec protein tyrosine kinase
cyclic nucleotide gated channel alpha 1
FIP1 like 1 (*S. cerevisiae*)
clock homolog (mouse)
ligand of numb-protein X 1
nuclear transcription factor, X-box binding-like 1
RE1-silencing transcription factor
homeodomain-only protein
GS homeobox 2
polymerase (RNA) II (DNA directed) polypeptide B, 140kDa
latrophilin 3
platelet-derived growth factor receptor, alpha polypeptide
cysteine-rich hydrophobic domain 2
EPH receptor A5
transmembrane protein 165
v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
sarcoglycan, beta (43kDa dystrophin-associated glycoprotein)
NIPA-like domain containing 1
kinase insert domain receptor (a type III receptor tyrosine kinase)
serine peptidase inhibitor, Kazal type 2 (acrosin-trypsin inhibitor)
TXK tyrosine kinase
sec1 family domain containing 2
phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase
insulin-like growth factor binding protein 7
steroid 5 alpha-reductase 2-like 2
furry homolog-like (*Drosophila*)
corin, serine peptidase
exocyst complex component 1
chromosome 4 open reading frame 14
zygote arrest 1
neuromedin U
phosphoribosyl pyrophosphate amidotransferase
ubiquitin specific peptidase 46
signal recognition particle 72kDa
erbb2 interacting protein
excision repair cross-complementing rodent repair deficiency, complementation group 8
ectodermal-neural cortex (with BTB-like domain)
survival of motor neuron 1, telomeric
RAD17 homolog (*S. pombe*)
centromere protein H
cyclin B1
phosphodiesterase 4D, cAMP-specific (phosphodiesterase E3 dunce homolog, *Drosophila*)
neurolysin (metallopeptidase M3 family)
ADAM metallopeptidase with thrombospondin type 1 motif, 6
cyclin-dependent kinase 7 (MO15 homolog, *Xenopus laevis*, cdk-activating kinase)

general transcription factor IIIH, polypeptide 2, 44kDa
microtubule-associated protein 1B
microtubule associated serine/threonine kinase family member 4
CD180 molecule
polo-like kinase 2 (Drosophila)
basic transcription factor 3
TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa
B double prime 1, subunit of RNA polymerase III transcription initiation factor IIIB
DIM1 dimethyladenosine transferase 1-like (S. cerevisiae)
splicing factor, arginine/serine-rich 12
UTP15, U3 small nucleolar ribonucleoprotein, homolog (S. cerevisiae)
polymerase (DNA directed) kappa
mesoderm induction early response 1, family member 3
transportin 1
importin 11
TGF beta-inducible nuclear protein 1
zinc finger protein 366
tripartite motif-containing 23
MARVEL domain containing 2
occludin
ankyrin repeat, family A (RFXANK-like), 2
5-hydroxytryptamine (serotonin) receptor 1A
NDUFA12-like
3-hydroxy-3-methylglutaryl-Coenzyme A reductase
RAB3C, member RAS oncogene family
ELOVL family member 7, elongation of long chain fatty acids (yeast)
hexosaminidase B (beta polypeptide)
collagen, type IV, alpha 3 (Goodpasture antigen) binding protein
Rho-guanine nucleotide exchange factor
baculoviral IAP repeat-containing 1
G elongation factor, mitochondrial 2
small EDRK-rich factor 1A (telomeric)
coagulation factor II (thrombin) receptor-like 2
kinesin heavy chain member 2
SMA5
coagulation factor II (thrombin) receptor
phosphoinositide-3-kinase, regulatory subunit 1 (p85 alpha)
coagulation factor II (thrombin) receptor-like 1
IQ motif containing GTPase activating protein 2
small glutamine-rich tetratricopeptide repeat (TPR)-containing, beta
P18SRP protein
mitochondrial ribosomal protein S27
serologically defined colon cancer antigen 10
prostate androgen-regulated transcript 1
methylcrotonoyl-Coenzyme A carboxylase 2 (beta)
pentatricopeptide repeat domain 2
hypothetical protein FLJ12595
SMA3
mitochondrial ribosomal protein S36
S100 calcium binding protein, zeta
peptidylprolyl isomerase domain and WD repeat containing 1
cocaine- and amphetamine-regulated transcript
SMA4

pro-melanin-concentrating hormone-like 2
protocadherin gamma subfamily B, 4
protocadherin beta 7
protocadherin gamma subfamily C, 3
protocadherin alpha 2
protocadherin alpha 3
protocadherin 1 (cadherin-like 1)
protocadherin gamma subfamily A, 12
protocadherin gamma subfamily A, 11
protocadherin gamma subfamily A, 10
protocadherin gamma subfamily B, 1
protocadherin gamma subfamily B, 3
protocadherin gamma subfamily B, 2
protocadherin gamma subfamily B, 5
protocadherin gamma subfamily A, 2
protocadherin gamma subfamily A, 8
protocadherin alpha 9
protocadherin alpha 1
protocadherin alpha 6
protocadherin alpha 5
protocadherin alpha 12
protocadherin alpha 11
protocadherin alpha 10
protocadherin alpha 4
protocadherin alpha 13
protocadherin gamma subfamily A, 6
protocadherin gamma subfamily A, 7
protocadherin gamma subfamily A, 9
protocadherin beta 1
protocadherin alpha subfamily C, 2
protocadherin alpha subfamily C, 1
protocadherin gamma subfamily B, 7
protocadherin gamma subfamily B, 6
protocadherin gamma subfamily A, 5
protocadherin gamma subfamily A, 3
protocadherin gamma subfamily A, 4
protocadherin alpha 7
protocadherin alpha 8
protocadherin gamma subfamily A, 1
FAT tumor suppressor homolog 2 (Drosophila)
protocadherin gamma subfamily C, 5
protocadherin gamma subfamily C, 4
protocadherin beta 8
protocadherin beta 15
protocadherin beta 12
transcription elongation regulator 1
protocadherin 12
Ras-GTPase-activating protein SH3-domain-binding protein
TNFAIP3 interacting protein 1
gem (nuclear organelle) associated protein 5
centaurin, delta 3
actin binding LIM protein family, member 3
ATX1 antioxidant protein 1 homolog (yeast)

protocadherin beta 16
protocadherin beta 5
protocadherin beta 10
protocadherin beta 2
protocadherin beta 3
protocadherin beta 14
protocadherin beta 13
protocadherin beta 11
protocadherin beta 4
protocadherin beta 6
bromodomain containing 8
catenin (cadherin-associated protein), alpha 1, 102kDa
transforming growth factor, beta-induced, 68kDa
TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55kDa
platelet-derived growth factor receptor, beta polypeptide
potassium channel tetramerisation domain containing 16
sprouty homolog 4 (Drosophila)
polycystic kidney disease 2-like 2
protocadherin beta 17 pseudogene
annexin A6
eukaryotic translation termination factor 1
eukaryotic translation initiation factor 4E binding protein 3
adrenergic, beta-2-, receptor, surface
fibroblast growth factor 1 (acidic)
myozenin 3
ankyrin repeat and KH domain containing 1
FLJ41603 protein
myotilin
kelch-like 3 (Drosophila)
amyloid beta (A4) precursor protein-binding, family B, member 3
ubiquitin-conjugating enzyme E2D 2 (UBC4/5 homolog, yeast)
poly(A) binding protein interacting protein 2
CCR4-NOT transcription complex, subunit 8
purine-rich element binding protein A
histone deacetylase 3
peroxisome proliferative activated receptor, gamma, coactivator 1, beta
matrin 3
zinc finger, matrin type 2
serine peptidase inhibitor, Kazal type 1
ring finger protein 14
Treacher Collins-Franceschetti syndrome 1
cell division cycle 25C
dynactin 4 (p62)
F-box protein 38
heterogeneous nuclear ribonucleoprotein A0
early growth response 1
zinc finger protein 300
jumonji domain containing 1B
sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 1
nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)
heart and neural crest derivatives expressed 1
caudal type homeobox transcription factor 1
POU domain, class 4, transcription factor 3

Nedd4 family interacting protein 1
neuregulin 2
similar to CG4995 gene product
solute carrier family 23 (nucleobase transporters), member 1
5-hydroxytryptamine (serotonin) receptor 4
neuromedin U receptor 2
microfibrillar-associated protein 3
solute carrier family 26 (sulfate transporter), member 2
CD74 molecule, major histocompatibility complex, class II invariant chain
solute carrier family 6 (neurotransmitter transporter, L-proline), member 7
Yip1 domain family, member 5
N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 1
solute carrier family 4, sodium bicarbonate cotransporter, member 9
GDNF family receptor alpha 3
UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 10 (GalNAc-T10)
heparin-binding EGF-like growth factor
leucine rich repeat transmembrane neuronal 2
receptor accessory protein 2
phosphodiesterase 6A, cGMP-specific, rod, alpha
G protein-coupled receptor 151
DnaJ (Hsp40) homolog, subfamily C, member 18
solute carrier family 36 (proton/amino acid symporter), member 1
MSTP150
solute carrier family 25 (mitochondrial carrier; ornithine transporter) member 2
neuropeptide Y receptor Y6 (pseudogene)
serine peptidase inhibitor, Kazal type 6
serine peptidase inhibitor, Kazal type 5
serine peptidase inhibitor, Kazal type 7 (putative)
serine protease inhibitor Kazal type 9
glutamate receptor, ionotropic, AMPA 1
wingless-type MMTV integration site family, member 8A
Kazal type serine protease inhibitor 5-like 2
glutathione peroxidase 3 (plasma)
MASK-4E-BP3 alternate reading frame gene
CXXC finger 5
diaphanous homolog 1 (Drosophila)
histidyl-tRNA synthetase
synaptopodin
FCH and double SH3 domains 1
SH3 domain and tetratricopeptide repeats 2
GrpE-like 2, mitochondrial (E. coli)
casein kinase 1, alpha 1
leucyl-tRNA synthetase
mitochondrial ribosomal protein L22
glucosamine-6-phosphate deaminase 1
Rho GTPase activating protein 26
calcium/calmodulin-dependent protein kinase (CaM kinase) II alpha
La ribonucleoprotein domain family, member 1
dihydropyrimidinase-like 3
heat shock 70kDa protein 9B (mortalin-2)
KIAA0141
histidyl-tRNA synthetase-like
GM2 ganglioside activator

CDC23 (cell division cycle 23, yeast, homolog)
proapoptotic caspase adaptor protein
CD14 molecule
interleukin 9
leukocyte cell-derived chemotaxin 2
prefoldin subunit 1
hypothetical protein PRO1580
RNA binding motif protein 22
interleukin 17B
secreted protein, acidic, cysteine-rich (osteonectin)
protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), beta isoform
ribosomal protein S14
dead end homolog 1 (zebrafish)
glycine receptor, alpha 1 (startle disease/hyperekplexia, stiff man syndrome)
F-box and leucine-rich repeat protein 21
SIL1 homolog, endoplasmic reticulum chaperone (*S. cerevisiae*)
non-metastatic cells 5, protein expressed in (nucleoside-diphosphate kinase)
prenylcysteine oxidase 1 like
serine/threonine kinase 32A
chromosome 5 open reading frame 5
IK cytokine, down-regulator of HLA II
colony stimulating factor 1 receptor, formerly McDonough feline sarcoma viral (v-fms) oncogene homolog
NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2, 8kDa
SMAD in the antisense orientation
kinesin family member 20A
neural precursor cell expressed, developmentally down-regulated 9
ribonuclease P 40kDa subunit
Werner helicase interacting protein 1
PRP4 pre-mRNA processing factor 4 homolog B (yeast)
eukaryotic translation elongation factor 1 epsilon 1
NAD(P)H dehydrogenase, quinone 2
muted homolog (mouse)
receptor (TNFRSF)-interacting serine-threonine kinase 1
transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha)
forkhead box C1
forkhead box F2
forkhead box Q1
serpin peptidase inhibitor, clade B (ovalbumin), member 9
serpin peptidase inhibitor, clade B (ovalbumin), member 6
chromodomain protein, Y-like
PAK1 interacting protein 1
chromosome 6 open reading frame 151
family with sequence similarity 50, member B
ras responsive element binding protein 1
glial cells missing homolog 2 (*Drosophila*)
human immunodeficiency virus type I enhancer binding protein 1
elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 2
chromosome 6 open reading frame 105
glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (I blood group)
chromosome 6 open reading frame 85
transmembrane protein 14C
HERV-FRD provirus ancestral Env polyprotein
signal sequence receptor, alpha (translocon-associated protein alpha)

solute carrier family 35, member B3
transmembrane protein 14B
serpin peptidase inhibitor, clade B (ovalbumin), member 1
endothelin 1
biphenyl hydrolase-like (serine hydrolase; breast epithelial mucin-associated antigen)
GDP-mannose 4,6-dehydratase
coagulation factor XIII, A1 polypeptide
phosphatase and actin regulator 1
peroxisomal D3,D2-enoyl-CoA isomerase
thioredoxin domain containing 5
desmoplakin
male germ cell-associated kinase
hypothetical protein LOC340156
hypothetical LOC389362
lymphocyte antigen 86
phenylalanine-tRNA synthetase 2 (mitochondrial)
RIO kinase 1 (yeast)
bone morphogenetic protein 6
tubulin, beta 2A
chromosome 6 open reading frame 201
AT rich interactive domain 1B (SWI1-like)
Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2
superoxide dismutase 2, mitochondrial
mitogen-activated protein kinase kinase kinase 7 interacting protein 2
F-box protein 30
PERP, TP53 apoptosis effector
zinc finger, DHHC-type containing 14
SNF2 histone linker PHD RING helicase
peroxisomal biogenesis factor 3
CNKSR family member 3
syntaxin 11
estrogen receptor 1
F-box protein 5
retinoic acid early transcript 1E
t-complex 1
A kinase (PRKA) anchor protein (gravin) 12
synaptotagmin-like 3
retinoic acid early transcript 1G
LATS, large tumor suppressor, homolog 1 (Drosophila)
sorting nexin 9
plasminogen
general transcription factor IIIH, polypeptide 5
Wilms tumor 1 associated protein
prostate and breast cancer overexpressed 1
SMT3 suppressor of mif two 3 homolog 4 (S. cerevisiae)
splicing factor 3b, subunit 5, 10kDa
nucleoporin 43kDa
peptidylprolyl isomerase (cyclophilin)-like 4
epilepsy, progressive myoclonus type 2A, Lafora disease (laforin)
human immunodeficiency virus type I enhancer binding protein 2
pleiomorphic adenoma gene-like 1
Parkinson disease (autosomal recessive, juvenile) 2, parkin
tubby like protein 4

zinc finger and BTB domain containing 2
oligodendrocyte transcription factor 3
chromosome 6 open reading frame 71
androgen-induced 1
villin 2 (ezrin)
opioid receptor, mu 1
syntaxin binding protein 5 (tomosyn)
glutamate receptor, metabotropic 1
low density lipoprotein receptor-related protein 11
interleukin 20 receptor, alpha
MAS1 oncogene
1-acylglycerol-3-phosphate O-acyltransferase 4 (lysophosphatidic acid acyltransferase, delta)
solute carrier family 22 (organic cation transporter), member 2
solute carrier family 22 (extraneuronal monoamine transporter), member 3
uronyl-2-sulfotransferase
G protein-coupled receptor 178
NADPH oxidase 3
solute carrier family 22 (organic cation transporter), member 1
G protein-coupled receptor 126
claudin 20
chromosome 6 open reading frame 72
UL16 binding protein 3
interferon gamma receptor 1
regulator of G-protein signalling 17
UL16 binding protein 2
UL16 binding protein 1
protein phosphatase 1, regulatory (inhibitor) subunit 14C
insulin-like growth factor 2 receptor
tumor necrosis factor, alpha-induced protein 3
phosphoinositide-binding protein PIP3-E
dynein, light chain, Tctex-type 1
interleukin 22 receptor, alpha 2
spectrin repeat containing, nuclear envelope 1
mitogen-activated protein kinase kinase kinase 4
protein-L-isoaspartate (D-aspartate) O-methyltransferase
methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1-like
lipoprotein, Lp(a)-like 2
retinoic acid early transcript 1L
T-cell lymphoma invasion and metastasis 2
SAM and SH3 domain containing 1
KIAA1244
acetyl-Coenzyme A acetyltransferase 2 (acetoacetyl Coenzyme A thiolase)
headcase homolog (Drosophila)
vasoactive intestinal peptide
synaptojanin 2
neuromedin B receptor
RALBP1 associated Eps domain containing 1
RAB32, member RAS oncogene family
lipoprotein, Lp(a)
chromosome 6 open reading frame 103
mitochondrial ribosomal protein L18
RNA binding motif protein 16
T-cell activation GTPase activating protein

katanin p60 (ATPase-containing) subunit A 1
fucosidase, alpha-L- 2, plasma
serine active site containing 1
phosphatase and actin regulator 2
chromobox homolog 3 (HP1 gamma homolog, Drosophila)
heterogeneous nuclear ribonucleoprotein A2/B1
integrin, beta 8
twist homolog 1 (acrocephalosyndactyly 3; Saethre-Chotzen syndrome) (Drosophila)
homeobox A9
membrane protein, palmitoylated 6 (MAGUK p55 subfamily member 6)
kelch-like 7 (Drosophila)
Tax1 (human T-cell leukemia virus type I) binding protein 1
sorting nexin 10
histone deacetylase 9
Rap guanine nucleotide exchange factor (GEF) 5
nuclear factor (erythroid-derived 2)-like 3
Sp8 transcription factor
transformer-2 alpha
juxtaposed with another zinc finger gene 1
cytochrome c, somatic
homeobox A11
homeobox A7
eve, even-skipped homeobox homolog 1 (Drosophila)
homeobox A6
homeobox A3
homeobox A5
homeobox A1
homeobox A13
homeobox A10
homeobox A4
homeobox A2
Sp4 transcription factor
translocase of outer mitochondrial membrane 7 homolog (yeast)
glycoprotein (transmembrane) nmb
ATP-binding cassette, sub-family B (MDR/TAP), member 5
chromosome 7 open reading frame 9
nucleoporin like 2
oxysterol binding protein-like 3
insulin-like growth factor 2 mRNA binding protein 3
dynein, axonemal, heavy polypeptide 11
src family associated phosphoprotein 2
serine/threonine kinase 31
neuropeptide Y
deafness, autosomal dominant 5
3-hydroxyisobutyrate dehydrogenase
down-regulated by Ctnb1, a
ribosomal protein S2 pseudogene
interleukin 6 (interferon, beta 2)
chromosome 7 open reading frame 30
POT1 protection of telomeres 1 homolog (S. pombe)
nucleoporin 205kDa
ATPase, H+ transporting, lysosomal 14kDa, V1 subunit F
v-raf murine sarcoma viral oncogene homolog B1

carboxypeptidase A1 (pancreatic)
carboxypeptidase A2 (pancreatic)
IMP (inosine monophosphate) dehydrogenase 1
carboxypeptidase A4
carboxypeptidase A5
LUC7-like 2 (*S. cerevisiae*)
thromboxane A synthase 1 (platelet, cytochrome P450, family 5, subfamily A)
sperm adhesion molecule 1 (PH-20 hyaluronidase, zona pellucida binding)
smoothened homolog (*Drosophila*)
coiled-coil-helix-coiled-coil-helix domain containing 3
myotrophin
filamin C, gamma (actin binding protein 280)
GRIP and coiled-coil domain containing 1
staphylococcal nuclease domain containing 1
interferon regulatory factor 5
nuclear respiratory factor 1
Wiskott-Aldrich syndrome-like
zinc finger CCCH-type, antiviral 1
zinc finger, C3HC-type containing 1
hypothetical protein LOC168850
diacylglycerol kinase, iota
poly (ADP-ribose) polymerase family, member 12
Ca²⁺-dependent activator protein for secretion 2
RNA binding motif protein 28
transportin 3
Kruppel-like factor 14
tripartite motif-containing 24
makorin, ring finger protein, 1
KIAA1549 protein
CCR4-NOT transcription complex, subunit 4
cAMP responsive element binding protein 3-like 2
paired box gene 4
ATPase, H⁺ transporting, lysosomal V0 subunit a4
taste receptor, type 2, member 5
solute carrier family 13 (sodium/sulfate symporters), member 1
G protein-coupled receptor 37 (endothelin receptor type B-like)
C-type lectin domain family 5, member A
glutamate receptor, metabotropic 8
podocalyxin-like
T cell receptor beta variable 5-4
olfactory receptor, family 9, subfamily A, member 4
solute carrier family 13 (sodium/sulfate symporters), member 4
solute carrier family 35, member B4
taste receptor, type 2, member 38
leucine rich repeat containing 4
plexin A4, A
taste receptor, type 2, member 3
maltase-glucoamylase (alpha-glucosidase)
taste receptor, type 2, member 16
taste receptor, type 2, member 4
opsin 1 (cone pigments), short-wave-sensitive (color blindness, tritan)
hypoxia-inducible protein 2
hypothetical protein DKFZp434G156

calumenin
KIAA0828 protein
maltase-glucoamylase-like
mitochondrial ribosomal protein S33
methyltransferase like 2B
pleiotrophin (heparin binding growth factor 8, neurite growth-promoting factor 1)
muskelin 1, intracellular mediator containing kelch motifs
hypothetical protein FLJ25778
caldesmon 1
aldo-keto reductase family 1, member B1 (aldose reductase)
ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast)
cholinergic receptor, muscarinic 2
NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5, 13kDa
leptin (obesity homolog, mouse)
testis specific, 14
aldo-keto reductase family 1, member B10 (aldose reductase)
aldo-keto reductase family 1, member D1 (delta 4-3-ketosteroid-5-beta-reductase)
ankyrin repeat and SOCS box-containing 15
tetratricopeptide repeat domain 26
exocyst complex component 4
fascin homolog 3, actin-bundling protein, testicular (Strongylocentrotus purpuratus)
single-stranded DNA binding protein 1
hypothetical protein FLJ32786
2,3-bisphosphoglycerate mutase
mesoderm specific transcript homolog (mouse)
multiple substrate lipid kinase
NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2, 8kDa
FLJ44186 protein
ADP-ribosylation factor 5
YME1-like 1 (S. cerevisiae)
transcription factor 8 (represses interleukin 2 expression)
armadillo repeat containing 3
pancreas specific transcription factor, 1a
glutamate decarboxylase 2 (pancreatic islets and brain, 65kDa)
membrane protein, palmitoylated 7 (MAGUK p55 subfamily member 7)
Rho GTPase activating protein 21
DnaJ (Hsp40) homolog, subfamily C, member 1
supervillin
abl-interactor 1
zinc finger protein 438
myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 10
RAB18, member RAS oncogene family
B lymphoma Mo-MLV insertion region (mouse)
BMP and activin membrane-bound inhibitor homolog (Xenopus laevis)
plexin domain containing 2
G protein-coupled receptor 158
ADP-ribosylation factor-like 5B
COMM domain containing 3
WW domain containing adaptor with coiled-coil
calcium channel, voltage-dependent, beta 2 subunit
phosphatidylinositol-4-phosphate 5-kinase, type II, alpha
prenyl (decaprenyl) diphosphate synthase, subunit 1
microtubule associated serine/threonine kinase-like

acyl-Coenzyme A binding domain containing 5
threonine synthase-like 1 (bacterial)
armadillo repeat containing 4
nebullette
lysozyme-like 2
mitogen-activated protein kinase kinase kinase 8
lysozyme-like 1
phosphoribosyl transferase domain containing 1
sperm associated antigen 6
chromosome 10 open reading frame 63
myosin IIIA
amyloid beta (A4) precursor protein-binding, family B, member 1 interacting protein
chromosome 10 open reading frame 113
epithelial V-like antigen 1
Cas-Br-M (murine) ecotropic retroviral transforming sequence
H2A histone family, member X
poliovirus receptor-related 1 (herpesvirus entry mediator C; nectin)
ATP synthase, H⁺ transporting, mitochondrial F₀ complex, subunit G
adhesion molecule, interacts with CXADR antigen 1
endothelial cell adhesion molecule
melanoma cell adhesion molecule
fasciculation and elongation protein zeta 1 (zygin I)
kin of IRRE like 3 (Drosophila)
PDZ domain containing 3
toll-interleukin 1 receptor (TIR) domain containing adaptor protein
CD3d molecule, delta (CD3-TCR complex)
trafficking protein particle complex 4
Thy-1 cell surface antigen
ubiquitin specific peptidase 2
Rho guanine nucleotide exchange factor (GEF) 12
v-ets erythroblastosis virus E26 oncogene homolog 1 (avian)
Friend leukemia virus integration 1
pseudouridylate synthase 3
CHK1 checkpoint homolog (S. pombe)
heat shock 70kDa protein 8
transforming growth factor beta regulator 1
chromosome 11 open reading frame 60
Cbl-interacting protein Sts-1
DEAD (Asp-Glu-Ala-Asp) box polypeptide 6
POU domain, class 2, transcription factor 3
decapping enzyme, scavenger
zinc finger protein 202
MBD2-interacting zinc finger
tripartite motif-containing 29
ring finger protein 26
myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)
PBX/knotted 1 homeobox 2
forkhead box R1
tectorin alpha
olfactory receptor, family 8, subfamily B, member 8
olfactory receptor, family 10, subfamily G, member 9
transmembrane protein 25
ATP-binding cassette, sub-family G (WHITE), member 4

olfactory receptor, family 8, subfamily D, member 4
ST3 beta-galactoside alpha-2,3-sialyltransferase 4
olfactory receptor, family 8, subfamily B, member 12
sortilin-related receptor, L(DLR class) A repeats-containing
transmembrane protease, serine 4
olfactory receptor, family 6, subfamily M, member 1
signal recognition particle receptor ('docking protein')
dolichyl-phosphate (UDP-N-acetylglucosamine) N-acetylglucosaminephosphotransferase 1 (GlcNAc-1-P transferase)
archain 1
sodium channel, voltage-gated, type IV, beta
transmembrane protease, serine 13
olfactory receptor, family 4, subfamily D, member 5
olfactory receptor, family 8, subfamily B, member 4
olfactory receptor, family 8, subfamily G, member 5
sperm autoantigenic protein 17
FXFD domain containing ion transport regulator 6
olfactory receptor, family 10, subfamily G, member 7
roundabout, axon guidance receptor, homolog 3 (Drosophila)
V-set and immunoglobulin domain containing 2
olfactory receptor, family 6, subfamily X, member 1
olfactory receptor, family 6, subfamily T, member 1
olfactory receptor, family 8, subfamily B, member 3
olfactory receptor, family 8, subfamily B, member 2
olfactory receptor, family 8, subfamily G, member 2
Burkitt lymphoma receptor 1, GTP binding protein (chemokine (C-X-C motif) receptor 5)
sterol-C5-desaturase (ERG3 delta-5-desaturase homolog, fungal)-like
uoplakin 2
CD3g molecule, gamma (CD3-TCR complex)
Cdon homolog (mouse)
olfactory receptor, family 8, subfamily D, member 1
olfactory receptor, family 8, subfamily D, member 2
transmembrane protein 24
sodium channel, voltage-gated, type III, beta
olfactory receptor, family 10, subfamily G, member 8
olfactory receptor, family 10, subfamily G, member 4
hepatocyte cell adhesion molecule
membrane frizzled-related protein
STT3, subunit of the oligosaccharyltransferase complex, homolog A (S. cerevisiae)
pannexin 3
sodium channel, voltage-gated, type II, beta
CD3e molecule, epsilon (CD3-TCR complex)
loss of heterozygosity, 11, chromosomal region 2, gene A
hydroxymethylbilane synthase
glutamate receptor, ionotropic, kainate 4
roundabout homolog 4, magic roundabout (Drosophila)
C1q and tumor necrosis factor related protein 5
B-cell CLL/lymphoma 9-like
olfactory receptor, family 8, subfamily A, member 1
neurogranin (protein kinase C substrate, RC3)
acrosomal vesicle protein 1
transmembrane protein 136
ubiquitination factor E4A (UFD2 homolog, yeast)
olfactory receptor, family 10, subfamily S, member 1

hypoxia up-regulated 1
ribosomal protein S25
sialic acid acetyltransferase
interleukin 10 receptor, alpha
leucine rich repeat containing 35
cytotoxic and regulatory T cell molecule
protocadherin 20
protocadherin 17
regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 1
retinoblastoma 1 (including osteosarcoma)
mediator of RNA polymerase II transcription, subunit 4 homolog (*S. cerevisiae*)
protocadherin 8
karyopherin alpha 3 (importin alpha 4)
NIMA (never in mitosis gene a)-related kinase 3
zinc finger CCCH-type containing 13
WD repeat and FYVE domain containing 2
guanylate cyclase 1, soluble, beta 2
carboxypeptidase B2 (plasma, carboxypeptidase U)
vacuolar protein sorting 36 (yeast)
potassium channel tetramerisation domain containing 4
PHD finger protein 11
lymphocyte cytosolic protein 1 (L-plastin)
integrator complex subunit 6
regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 2
TSC22 domain family, member 1
general transcription factor IIF, polypeptide 2, 30kDa
UTP14, U3 small nucleolar ribonucleoprotein, homolog C (yeast)
SET domain, bifurcated 2
ret finger protein 2
emopamil binding protein-like
5-hydroxytryptamine (serotonin) receptor 2A
ATPase, Cu⁺⁺ transporting, beta polypeptide
component of oligomeric golgi complex 3
cysteinyl leukotriene receptor 2
olfactomedin 4
potassium channel regulator
leukocyte cell derived chemotaxin 1
purinergic receptor P2Y, G-protein coupled, 5
motilin receptor
solute carrier family 25, member 30
integral membrane protein 2B
nuclear fragile X mental retardation protein interacting protein 1
cytoskeleton associated protein 2
family with sequence similarity 10, member A4
esterase D/formylglutathione hydrolase
hypothetical protein FLJ37307
succinate-CoA ligase, ADP-forming, beta subunit
nudix (nucleoside diphosphate linked moiety X)-type motif 15
dehydrogenase/reductase (SDR family) member 12
cytidine and dCMP deaminase domain containing 1
chromosome 13 open reading frame 18
calcium binding protein 39-like
SGT1, suppressor of G2 allele of SKP1 (*S. cerevisiae*)

tumor protein, translationally-controlled 1
asparagine-linked glycosylation 11 homolog (*S. cerevisiae*, alpha-1,2-mannosyltransferase)
heterogeneous nuclear ribonucleoprotein A1-like
tudor domain containing 3
diaphanous homolog 3 (*Drosophila*)
DnaJ (Hsp40) homolog, subfamily C, member 15
spermatid associated
ADP-ribosylation factor-like 11
polo-like kinase 1 (*Drosophila*)
sodium channel, nonvoltage-gated 1, gamma
sodium channel, nonvoltage-gated 1, beta (Liddle syndrome)
component of oligomeric golgi complex 7
golgi associated, gamma adaptin ear containing, ARF binding protein 2
Rho GTPase activating protein 17
leucine carboxyl methyltransferase 1
zinc finger protein 694
endoplasmic reticulum to nucleus signalling 2
calcium channel, voltage-dependent, gamma subunit 3
solute carrier family 5 (sodium/glucose cotransporter), member 11
heparan sulfate (glucosamine) 3-O-sulfotransferase 4
retinoblastoma binding protein 6
ubiquitin specific peptidase 31
glutamyl-tRNA synthetase 2 (mitochondrial)(putative)
ubiquitin-binding protein homolog
NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex, 1, 8kDa
dynactin 5 (p25)
hepatocellular carcinoma antigen gene 520
protein kinase C, beta 1
trinucleotide repeat containing 6A
aquaporin 8
symplekin
protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65), alpha isoform
excision repair cross-complementing rodent repair deficiency, complementation group 2 (xeroderma pigmentosum D)
protein arginine methyltransferase 1
caspase recruitment domain family, member 8
small nuclear ribonucleoprotein D2 polypeptide 16.5kDa
small nuclear ribonucleoprotein 70kDa polypeptide (RNP antigen)
PRP31 pre-mRNA processing factor 31 homolog (*S. cerevisiae*)
CD3e molecule, epsilon associated protein
gem (nuclear organelle) associated protein 7
U2 small nuclear RNA auxiliary factor 2
ferritin, light polypeptide
protein kinase D2
nanos homolog 2 (*Drosophila*)
sialic acid binding Ig-like lectin 10
sialic acid binding Ig-like lectin 8
sialic acid binding Ig-like lectin 11
sialic acid binding Ig-like lectin 9
sialic acid binding Ig-like lectin 12
sialic acid binding Ig-like lectin 6
sialic acid binding Ig-like lectin 7
sialic acid binding Ig-like lectin 5
D site of albumin promoter (albumin D-box) binding protein

Spi-B transcription factor (Spi-1/PU.1 related)
activating transcription factor 5
zinc finger protein 468
zinc finger protein 667
paternally expressed 3
zinc finger protein 470
hypothetical protein LOC284371
zinc finger protein 473
zinc finger protein 114
zinc finger protein 766
zinc finger protein 761
zinc finger protein 17
zinc finger protein 324B
zinc finger protein 776
CD33 molecule
myosin binding protein C, fast type
CCR4-NOT transcription complex, subunit 3
sine oculis homeobox homolog 5 (Drosophila)
BCL2-associated X protein
natural cytotoxicity triggering receptor 1
lin-7 homolog B (C. elegans)
potassium voltage-gated channel, shaker-related subfamily, member 7
potassium voltage-gated channel, Shaw-related subfamily, member 3
hsp70-interacting protein
testis-specific kinase substrate
kallikrein 6 (neurosin, zyme)
N-ethylmaleimide-sensitive factor attachment protein, alpha
sphingosine kinase 2
BCL2 binding component 3
calmodulin 3 (phosphorylase kinase, delta)
NACHT, leucine rich repeat and PYD containing 2
NACHT, leucine rich repeat and PYD containing 12
troponin T type 1 (skeletal, slow)
SH3 and multiple ankyrin repeat domains 1
pleckstrin homology, Sec7 and coiled-coil domains 2 (cytohesin-2)
reticulocalbin 3, EF-hand calcium binding domain
kallikrein 13
baculoviral IAP repeat-containing 8
protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 3
peptidoglycan recognition protein 1
troponin I type 3 (cardiac)
RuvB-like 2 (E. coli)
interferon regulatory factor 3
TEA domain family member 2
glucocorticoid receptor DNA binding factor 1
protein phosphatase 1, regulatory (inhibitor) subunit 13 like
forkhead box A3
hypothetical gene supported by BC033230
zinc finger protein 541
FLJ16542 protein
FLJ46385 protein
similar to Zinc finger protein 264
zinc finger protein 787

hypothetical BC37295_3
zinc finger protein 665
zinc finger protein 772
pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 4
tripartite motif-containing 28
aurora kinase C
EH-domain containing 2
neuro-oncological ventral antigen 2
ligase I, DNA, ATP-dependent
nucleoporin 62kDa
BR serine/threonine kinase 1
polynucleotide kinase 3'-phosphatase
tRNA splicing endonuclease 34 homolog (*S. cerevisiae*)
excision repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense seq
splicing factor, arginine/serine-rich 16 (suppressor-of-white-apricot homolog, *Drosophila*)
glioma tumor suppressor candidate region gene 2
glutamate-rich WD repeat containing 1
zinc finger protein 616
K562 cell-derived leucine-zipper-like protein 1
SUMO-1 activating enzyme subunit 1
kaptin (actin binding protein)
zinc finger protein 460
zinc finger protein 446
zinc finger protein 614
zinc finger protein 347
zinc finger protein 611
zinc finger protein 587
zinc finger protein 419A
zinc finger protein 350
zinc finger protein 577
zinc finger protein 418
zinc finger, imprinted 3
zinc finger protein 256
zinc finger protein 610
zinc finger protein 447
zinc finger protein 28
zinc finger protein 615
zinc finger protein 135
zinc finger protein 548
zinc finger protein 342
zinc finger protein 549
zinc finger protein 544
zinc finger and SCAN domain containing 1
zinc finger and SCAN domain containing 4
zinc finger protein 324
zinc finger protein 613
zinc finger protein 211
zinc finger protein 432
zinc finger protein 547
zinc finger protein 132
zinc finger protein 542
zinc finger protein 83
zinc finger protein 671

zinc finger protein 154 (pHZ-92)
zinc finger protein 550
zinc finger protein 584
zinc finger protein 480
zinc finger protein 606
nuclear receptor subfamily 1, group H, member 2
GLI-Kruppel family member HKR2
zinc finger protein 304
zinc finger protein 524
zinc finger protein 578
zinc finger and SCAN domain containing 5
zinc finger protein 134
zinc finger protein 471
zinc finger protein 137
zinc finger, imprinted 2
zinc finger protein 551
zinc finger protein 28 homolog (mouse)
zinc finger protein 160
zinc finger protein 701
zinc finger protein 581
zinc finger protein 416
zinc finger protein 274
zinc finger protein 579
zinc finger protein 677
zinc finger protein 580
zinc finger protein 8
zinc finger protein 417
zinc finger protein 583
hypothetical protein FLJ14768
zinc finger protein 702
zinc finger protein 444
zinc finger protein 497
zinc finger protein 600
zinc finger protein 264
zinc finger protein 71
zinc finger protein 331
zinc finger protein 175
zinc finger protein 628
zinc finger protein 582
epsin 1
hypothetical protein MGC35402
izumo sperm-egg fusion 1
hyaluronan synthase 1
formyl peptide receptor-like 1
zinc finger protein 499
myeloid zinc finger 1
Meis1, myeloid ecotropic viral integration site 1 homolog 3 (mouse)
neuronal PAS domain protein 1
FBJ murine osteosarcoma viral oncogene homolog B
hypoxia inducible factor 3, alpha subunit
tetra-peptide repeat homeobox 1
hypothetical protein BC007307
cone-rod homeobox

protein phosphatase 5, catalytic subunit
killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 4
killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 3
glycoprotein VI (platelet)
Fc fragment of IgG, receptor, transporter, alpha
leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3
guanine nucleotide binding protein (G protein), gamma 8
killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1
lens intrinsic membrane protein 2, 19kDa
solute carrier family 6, member 16
leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2
KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 1
synaptotagmin V
leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 1
leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2
Ras interacting protein 1
leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 1
phospholipase A2, group IVC (cytosolic, calcium-independent)
synaptotagmin III
transient receptor potential cation channel, subfamily M, member 4
fukutin related protein
transmembrane protein 86B
synaptogyrin 4
fucosyltransferase 2 (secretor status included)
fms-related tyrosine kinase 3 ligand
fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, H blood group)
NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3, 9kDa
killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 2
killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 4
reticulon 2
killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 2
solute carrier family 1 (neutral amino acid transporter), member 5
leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 5
calcium channel, voltage-dependent, gamma subunit 6
proline rich Gla (G-carboxyglutamic acid) 2
carnitine palmitoyltransferase 1C
killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 1
G protein-coupled receptor 32
leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 4
vomeronasal 1 receptor 1
calcium channel, voltage-dependent, gamma subunit 8
calcium channel, voltage-dependent, gamma subunit 7
chromosome 19 open reading frame 18
potassium inwardly-rectifying channel, subfamily J, member 14
prostaglandin I2 (prostacyclin) receptor (IP)
epithelial membrane protein 3
myeloid-associated differentiation marker
vomeronasal 1 receptor 4
vomeronasal 1 receptor 2
G protein-coupled receptor 77
natural killer cell group 7 sequence
protein tyrosine phosphatase, receptor type, H
G protein-coupled receptor 4

CDC42 effector protein (Rho GTPase binding) 5
solute carrier family 8 (sodium-calcium exchanger), member 2
solute carrier family 27 (fatty acid transporter), member 5
polymerase (DNA directed), delta 1, catalytic subunit 125kDa
leukocyte-associated immunoglobulin-like receptor 1
leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 3
leukocyte-associated immunoglobulin-like receptor 2
protein kinase C, gamma
branched chain aminotransferase 2, mitochondrial
osteoclast-associated receptor
likely ortholog of MEF2-activating SAP transcriptional regulator
MAP/microtubule affinity-regulating kinase 4
kallikrein 2, prostatic
kinesin light chain 3
kallikrein 8 (neurosin/ovasin)
kallikrein 15
ribosomal protein S5
TBC1 domain family, member 17
neurotrophin 5 (neurotrophin 4/5)
glycogen synthase 1 (muscle)
dickkopf-like 1 (soggy)
related RAS viral (r-ras) oncogene homolog
kallikrein 3, (prostate specific antigen)
dystrophia myotonica-protein kinase
kallikrein 10
creatine kinase, muscle
ribosomal protein L13a
echinoderm microtubule associated protein like 2
electron-transfer-flavoprotein, beta polypeptide
kallikrein 1, renal/pancreas/salivary
leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 4
kallikrein 11
retinol dehydrogenase 13 (all-trans/9-cis)
NACHT, leucine rich repeat and PYD containing 7
ribosomal protein L18
sulfotransferase family, cytosolic, 2B, member 1
glutaminy-peptide cyclotransferase-like
adaptor-related protein complex 2, alpha 1 subunit
fibroblast growth factor 21
galanin-like peptide precursor
nucleobindin 1
NACHT, leucine rich repeat and PYD containing 5
napsin A aspartic peptidase
kallikrein 12
myosin, heavy polypeptide 14
biogenesis of lysosome-related organelles complex-1, subunit 3
BCL2-like 12 (proline rich)
formyl peptide receptor-like 2
chorionic gonadotropin, beta polypeptide
ribosomal protein L28
carbonic anhydrase XI
ATP binding domain 3
vasodilator-stimulated phosphoprotein

Fc fragment of IgA, receptor for
optic atrophy 3 (autosomal recessive, with chorea and spastic paraplegia)
ubiquitin-conjugating enzyme E2M (UBC12 homolog, yeast)
interleukin 4 induced 1
dystrophia myotonica-containing WD repeat motif
vaccinia related kinase 3
kallikrein 7 (chymotryptic, stratum corneum)
adaptor-related protein complex 2, sigma 1 subunit
protein phosphatase 1, regulatory (inhibitor) subunit 15A
dehydrogenase/reductase (SDR family) member 10
striatin, calmodulin binding protein 4
tubby like protein 2
kallikrein 4 (prostase, enamel matrix, prostate)
aldehyde dehydrogenase 16 family, member A1
C-type lectin domain family 11, member A
alpha-1-B glycoprotein
tuberoinfundibular 39 residue protein precursor
kallikrein 9
DEAH (Asp-Glu-Ala-His) box polypeptide 34
luteinizing hormone beta polypeptide
CD37 molecule
histidine rich calcium binding protein
ubiquitin-conjugating enzyme E2S
calcium binding protein 5
chromatin modifying protein 2A
interleukin 11
kallikrein 5
kallikrein 14
glutamate receptor, ionotropic, N-methyl D-aspartate 2D
NACHT, leucine rich repeat and PYD containing 11
cytochrome c oxidase subunit VIb polypeptide 2 (testis)
sulfotransferase family, cytosolic, 2A, dehydroepiandrosterone (DHEA)-preferring, member 1
hypothetical protein FLJ32658
ribosomal protein S9
ribosomal protein S11
trafficking protein particle complex 6A
gastric inhibitory polypeptide receptor
formyl peptide receptor 1
selenoprotein W, 1
ubiquitin specific peptidase 29
cadherin-like 22
retinoblastoma-like 1 (p107)
nuclear receptor coactivator 6
E2F transcription factor 1
itchy homolog E3 ubiquitin protein ligase (mouse)
nuclear receptor coactivator 3
chromosome 20 open reading frame 172
amyloid beta (A4) precursor protein-binding, family A, member 2 binding protein
RNA binding motif protein 12
TP53 regulating kinase
inhibitor of DNA binding 1, dominant negative helix-loop-helix protein
integrin beta 4 binding protein
eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa

zinc finger, SWIM-type containing 1
zinc finger, SWIM-type containing 3
chromosome 20 open reading frame 127
UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 5
prostaglandin I2 (prostacyclin) synthase
core-binding factor, runt domain, alpha subunit 2; translocated to, 2
l(3)mbt-like (Drosophila)
zinc finger, NFX1-type containing 1
WNT1 inducible signaling pathway protein 2
ubiquitin-conjugating enzyme E2 variant 1
protein tyrosine phosphatase, receptor type, T
v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)
dysbindin (dystrobrevin binding protein 1) domain containing 2
histocompatibility (minor) 13
ERGIC and golgi 3
potassium voltage-gated channel, Shab-related subfamily, member 1
phosphatidylinositol glycan anchor biosynthesis, class T
hemopoietic cell kinase
protein kinase C binding protein 1
acyl-CoA synthetase short-chain family member 2
potassium voltage-gated channel, delayed-rectifier, subfamily S, member 1
dynein, light chain, roadblock-type 1
phospholipase C, gamma 1
staufen, RNA binding protein, homolog 1 (Drosophila)
sorting nexin family member 21
growth differentiation factor 5 (cartilage-derived morphogenetic protein-1)
acyl-CoA thioesterase 8
RNA binding motif protein 39
nuclear receptor coactivator 5
chromosome 20 open reading frame 100
eyes absent homolog 2 (Drosophila)
recombining binding protein suppressor of hairless (Drosophila)-like
CCAAT/enhancer binding protein (C/EBP), beta
forkhead-like 18 (Drosophila)
v-maf musculoaponeurotic fibrosarcoma oncogene homolog B (avian)
snail homolog 1 (Drosophila)
lipopolysaccharide binding protein
bactericidal/permeability-increasing protein
peptidase inhibitor 3, skin-derived (SKALP)
catenin, beta like 1
tumor protein p53 inducible nuclear protein 2
TPX2, microtubule-associated, homolog (Xenopus laevis)
DEAD (Asp-Glu-Ala-Asp) box polypeptide 27
CSE1 chromosome segregation 1-like (yeast)
serine/threonine kinase 4
RNA binding protein, autoantigenic (hnRNP-associated with lethal yellow homolog (mouse))
splicing factor, arginine/serine-rich 6
NFS1 nitrogen fixation 1 (S. cerevisiae)
deoxynucleotidyltransferase, terminal, interacting protein 1
chromosome 20 open reading frame 67
hepatocyte nuclear factor 4, alpha
zinc finger protein 334
zinc finger protein 335

pleiomorphic adenoma gene-like 2
zinc finger protein 341
additional sex combs like 1 (Drosophila)
phospholipid transfer protein
chromosome 20 open reading frame 71
bactericidal/permeability-increasing protein-like 3
palate, lung and nasal epithelium carcinoma associated
chromosome 20 open reading frame 114
chromosome 20 open reading frame 185
chromosome 20 open reading frame 186
chromosome 20 open reading frame 70
bactericidal/permeability-increasing protein-like 1
CDK5 regulatory subunit associated protein 1
zinc finger protein 313
zinc fingers and homeoboxes 3
PHD finger protein 20
SCAN domain containing 1
v-myb myeloblastosis viral oncogene homolog (avian)-like 2
TGFB-induced factor 2 (TALE family homeobox)
chromosome 20 open reading frame 142
solute carrier family 35, member C2
BCL2-like 1
gamma-glutamyltransferase-like 3
CDC91 cell division cycle 91-like 1 (S. cerevisiae)
solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 3
translocase of outer mitochondrial membrane 34
junctophilin 2
engulfment and cell motility 2
ribophorin II
transmembrane 9 superfamily protein member 4
erythrocyte membrane protein band 4.1-like 1
CD40 molecule, TNF receptor superfamily member 5
chromosome 20 open reading frame 52
bladder cancer associated protein
discs, large (Drosophila) homolog-associated protein 4
solute carrier family 32 (GABA vesicular transporter), member 1
ADP-ribosylation factor guanine nucleotide-exchange factor 2 (brefeldin A-inhibited)
transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)
cytochrome c oxidase subunit IV isoform 2 (lung)
ER degradation enhancer, mannosidase alpha-like 2
peroxisomal membrane protein 4, 24kDa
syndecan 4 (amphiglycan, ryudocan)
sperm associated antigen 4
chromosome 20 open reading frame 165
BCL2-antagonist/killer 1
solute carrier family 12, (potassium-chloride transporter) member 5
serine incorporator 3
protein C receptor, endothelial (EPCR)
solute carrier family 2 (facilitated glucose transporter), member 10
dual specificity phosphatase 15
XK, Kell blood group complex subunit-related family, member 7
syntrophin, alpha 1 (dystrophin-associated protein A1, 59kDa, acidic component)
mannosidase, beta A, lysosomal-like

WAP four-disulfide core domain 6
WAP four-disulfide core domain 12
serine peptidase inhibitor-like, with Kunitz and WAP domains 1 (eppin)
WAP four-disulfide core domain 5
secretory leukocyte peptidase inhibitor
WAP four-disulfide core domain 2
WAP four-disulfide core domain 3
WAP four-disulfide core domain 8
WAP four-disulfide core domain 10A
DNA (cytosine-5-)-methyltransferase 3 beta
KIAA1219
centrosomal protein 250kDa
microtubule-associated protein 1 light chain 3 alpha
phosphatidylinositol 3,4,5-trisphosphate-dependent RAC exchanger 1
adenosine deaminase
protein phosphatase 1, regulatory (inhibitor) subunit 16B
chromosome 20 open reading frame 24
semenogelin I
myosin light chain kinase 2, skeletal muscle
microtubule-associated protein, RP/EB family, member 1
troponin C type 2 (fast)
myosin, heavy polypeptide 7B, cardiac muscle, beta
myosin, light polypeptide 9, regulatory
protein O-fucosyltransferase 1
S-adenosylhomocysteine hydrolase
agouti signaling protein, nonagouti homolog (mouse)
neuralized-like 2 (Drosophila)
sulfatase 2
chromosome 20 open reading frame 4
DEAH (Asp-Glu-Ala-His) box polypeptide 35
tubulin tyrosine ligase-like family, member 9
neuronatin
elastin microfibril interfacier 3
family with sequence similarity 83, member D
tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide
serum/glucocorticoid regulated kinase 2
NDRG family member 3
matrilin 4
ubiquitin-conjugating enzyme E2 variant 1
kinesin family member 3B
sperm associated antigen 4-like
protective protein for beta-galactosidase (galactosialidosis)
topoisomerase (DNA) I
copine I
ubiquitin-conjugating enzyme E2C
protein tyrosine phosphatase, non-receptor type 1
matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)
Src-like-adaptor 2
chromosome 20 open reading frame 132
chromosome 20 open reading frame 121
defensin, beta 123
defensin, beta 119
chromatin modifying protein 4B

defensin, beta 118
glutathione synthetase
regulating synaptic membrane exocytosis 4
chromosome 20 open reading frame 10
growth hormone releasing hormone
SAM domain and HD domain 1
transient receptor potential cation channel, subfamily C, member 4 associated protein
defensin, beta 121
KIAA0406
RAS (RAD and GEM)-like GTP-binding 1
protein kinase (cAMP-dependent, catalytic) inhibitor gamma
spermatogenesis associated 2
semenogelin II

Score

6.239
5.824
5.359
5.359
5.359
5.359
5.359
5.038
5.038
5.038
5.038
4.391
3.757
3.757
3.697
3.697
3.697
3.697
3.697
3.697
3.697
3.697
3.589
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
2.955
2.774
2.774
2.774
2.774
2.308
2.308
2.308
2.308
2.308
2.264
2.264
2.032
1.988
1.988
1.341
1.281

0.647
0.647
0.647
0.647
0.647
0.647
0.647
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
5.359
5.359
5.359
5.038
4.375
4.375
3.697
3.697
3.050
3.050
3.050
3.050
2.774
2.308
2.308
2.308
2.308
2.308
2.264
2.032
1.551
0.707
0.647
0.647

0.647
0.647
0.647
0.647
0.647
0.647
0.647
0.647
0.647
0.647
0
0
0
0
0
0
0
0
0
0
0
0
0
0
7.426
6.239
5.038
5.038
5.038
5.038
5.038
4.391
4.375
3.697
3.050
3.050
2.774
2.774
2.774
2.729
2.729
2.729
2.308
2.308
2.308
2.032
2.032
1.988
1.602
0.786
0.786
0.647
0.647

0
0
0
0
0
0
0
0
5.038
3.697
2.308
2.308
1.988
1.281
1.281
0.707
0.707
0.662
0.647
0.647
0.647
0.647
0.647
0.647
0.647
0.647
0.647
0.617
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
6.263
5.824
5.359
5.359
5.359
5.359
5.359
5.038
5.038
5.038
4.375

0

7.079

7.079

7.079

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

6.239

5.824

5.592

5.359

5.359

5.359

5.038

5.038

5.038

4.510
4.510
4.510
4.510
4.510
4.510
4.510
4.510
4.510
4.510
4.375
3.954
3.954
3.757
3.697
3.697
3.697
3.697
3.189
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
3.050
2.774
2.774
2.774
2.774
2.729
2.729
2.434
2.388
2.308
2.308
2.308
2.308
2.308
2.308
2.264
2.264
2.264
0.904
0.752
0.707
0.707
0.707

0
0
0
0
0
0
0
0
0
0
0
0
0
0
6.239
5.359
5.359
5.335
5.038
4.601
4.601
3.954
3.954
3.697
3.697
3.697
3.697
3.697
3.050
3.050
3.050
3.050
3.050
2.774
2.774
2.308
2.308
2.308
2.308
2.308
2.308
2.308
2.308
2.308
2.308
2.264
2.264
1.988
1.988
0.786
0.707
0.707
0.647
0.647
0.647
0.647
0.647

0
0
0
0
0
0
6.239
6.239
5.824
5.824
5.824
5.592
5.359
5.359
5.038
5.038
5.038
5.038
4.806
3.697
3.589
3.050
3.050
3.050
2.774
2.774
2.308
2.308
1.988
0.647
0.647
0.647
0.647
0.647
0.647
0.647
0.647
0.647
0.647
0.647
0.647
0.647
0.647
0.321
0
0
0
0
0
0
0
0
0
0
0
0
0

0
0
0
0
0
0
0
0
5.359
3.697
3.697
3.697
3.697
3.050
3.050
2.264
1.112
0.647
0.647
0.647
0.321
0
0
0
0
0
0
0
0
0
6.263
6.005
5.824
5.359
5.359
5.359
5.359
5.359
5.359
5.359
5.359
5.359
5.038
5.038
5.038
4.601
4.601
4.601
4.601
4.601
4.601
4.601
4.601
4.375

2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.264
2.032
1.602
1.551
1.551
0.904
0.786
0.786
0.707
0.707
0.707
0.707
0.707
0.707
0.707
0.707
0.707

0.647

0.647

0.647

0.321

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

