

**Supplementary Table 1. Preys in the arrayed set used in the MAPPIT screening experiment**

gene ID	symbol	description
57228	LOC57228	small trans-membrane and glycosylated protein
11158	RABL2B	RAB, member of RAS oncogene family-like 2B
51083	GAL	galanin
10842	C7orf16	chromosome 7 open reading frame 16
2767	GNA11	guanine nucleotide binding protein (G protein), alpha 11 (Gq class)
5997	RGS2	regulator of G-protein signalling 2, 24kDa
9545	RAB3D	RAB3D, member RAS oncogene family
1908	EDN3	endothelin 3
1154	CISH	cytokine inducible SH2-containing protein
1316	KLF6	Kruppel-like factor 6
8851	CDK5R1	cyclin-dependent kinase 5, regulatory subunit 1 (p35)
728	C5AR1	complement component 5a receptor 1
2045	EPHA7	EPH receptor A7
27296	C20orf10	chromosome 20 open reading frame 10
5015	OTX2	orthodenticle homolog 2 (Drosophila)
136	ADORA2B	adenosine A2b receptor
3824	KLRD1	killer cell lectin-like receptor subfamily D, member 1
116442	RAB39B	RAB39B, member RAS oncogene family
26027	ACOT11	acyl-CoA thioesterase 11
2258	FGF13	fibroblast growth factor 13
117289	TAGAP	T-cell activation GTPase activating protein
161003	STOML3	stomatin (EPB72)-like 3
57019	CIAPIN1	cytokine induced apoptosis inhibitor 1
11171	STRAP	serine/threonine kinase receptor associated protein
56940	DUSP22	dual specificity phosphatase 22
2043	EPHA4	EPH receptor A4
4693	NDP	Norrie disease (pseudoglioma)
161253	REM2	RAS (RAD and GEM)-like GTP binding 2
121268	RHEBL1	Ras homolog enriched in brain like 1
932	MS4A3	membrane-spanning 4-domains, subfamily A, member 3 (hematopoietic cell-specific)
57045	TWSG1	twisted gastrulation homolog 1 (Drosophila)
51107	APH1A	anterior pharynx defective 1 homolog A (C. elegans)
81629	TSSK3	testis-specific serine kinase 3
4869	NPM1	nucleophosmin (nucleolar phosphoprotein B23, numatrin)
4792	NFKBIA	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha
64112	MOAP1	modulator of apoptosis 1
8396	PIP5K2B	phosphatidylinositol-4-phosphate 5-kinase, type II, beta
2919	CXCL1	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)
9290	GPR55	G protein-coupled receptor 55
6256	RXRA	retinoid X receptor, alpha
5880	RAC2	ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2)
5868	RAB5A	RAB5A, member RAS oncogene family
10231	DSCR1L1	Down syndrome critical region gene 1-like 1
8800	PEX11A	peroxisomal biogenesis factor 11A
54472	TOLLIP	toll interacting protein
3921	RPSA	ribosomal protein SA
54584	GNB1L	guanine nucleotide binding protein (G protein), beta polypeptide 1-like
9456	HOMER1	homer homolog 1 (Drosophila)
6277	S100A6	S100 calcium binding protein A6
142913	CFLP1	cofilin pseudogene 1
29909	GPR171	G protein-coupled receptor 171
84904	C9orf100	chromosome 9 open reading frame 100
85004	RERG	RAS-like, estrogen-regulated, growth inhibitor
3146	HMGB1	high-mobility group box 1
113178	SCAMP4	secretory carrier membrane protein 4
7532	YWHAG	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide
6251	RSU1	Ras suppressor protein 1
2669	GEM	GTP binding protein overexpressed in skeletal muscle
1676	DFFA	DNA fragmentation factor, 45kDa, alpha polypeptide
2771	GNAI2	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2
4215	MAP3K3	mitogen-activated protein kinase kinase kinase 3
22858	ICK	intestinal cell (MAK-like) kinase
83937	RASSF4	Ras association (RalGDS/AF-6) domain family 4
84152	PPP1R1B	protein phosphatase 1, regulatory (inhibitor) subunit 1B (dopamine and cAMP regulated phosphoprotein, DARPP-32)
969	CD69	CD69 molecule
8766	RAB11A	RAB11A, member RAS oncogene family
11158	RABL2B	RAB, member of RAS oncogene family-like 2B
2810	SFN	stratifin
3612	IMPA1	inositol(myo)-1(or 4)-monophosphatase 1

2784	GNB3	guanine nucleotide binding protein (G protein), beta polypeptide 3
4046	LSP1	lymphocyte-specific protein 1
2771	GNAI2	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2
6352	CCL5	chemokine (C-C motif) ligand 5
7305	TYROBP	TYRO protein tyrosine kinase binding protein
1139	CHRNA7	cholinergic receptor, nicotinic, alpha 7
8477	GPR65	G protein-coupled receptor 65
54469	ZFAND6	zinc finger, AN1-type domain 6
5901	RAN	RAN, member RAS oncogene family
7879	RAB7A	RAB7A, member RAS oncogene family
83871	RAB34	RAB34, member RAS oncogene family
6456	SH3GL2	SH3-domain GRB2-like 2
9649	RALGPS1	Ral GEF with PH domain and SH3 binding motif 1
2783	GNB2	guanine nucleotide binding protein (G protein), beta polypeptide 2
6347	CCL2	chemokine (C-C motif) ligand 2
9607	CARTPT	CART prepropeptide
2764	GMFB	glia maturation factor, beta
7078	TIMP3	TIMP metalloproteinase inhibitor 3 (Sorsby fundus dystrophy, pseudoinflammatory)
142679	DUSP19	dual specificity phosphatase 19
57186	C20orf74	chromosome 20 open reading frame 74
51267	CLEC1A	C-type lectin domain family 1, member A
9111	NMI	N-myc (and STAT) interactor
2357	FPR1	formyl peptide receptor 1
23580	CDC42EP4	CDC42 effector protein (Rho GTPase binding) 4
26256	CABYR	calcium binding tyrosine-(Y)-phosphorylation regulated (fibrousheathin 2)
3628	INPP1	inositol polyphosphate-1-phosphatase
3624	INHBA	inhibin, beta A (activin A, activin AB alpha polypeptide)
1201	CLN3	ceroid-lipofuscinosis, neuronal 3, juvenile (Batten, Spielmeier-Vogt disease)
2558	GABRA5	gamma-aminobutyric acid (GABA) A receptor, alpha 5
6464	SHC1	SHC (Src homology 2 domain containing) transforming protein 1
26959	HBP1	HMG-box transcription factor 1
10298	PAK4	p21(CDKN1A)-activated kinase 4
7064	THOP1	thimet oligopeptidase 1
64857	PLEKHG2	pleckstrin homology domain containing, family G (with RhoGef domain) member 2
11261	CHP	calcium binding protein P22
4793	NFKBIB	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta
2237	FEN1	flap structure-specific endonuclease 1
124583	CANT1	calcium activated nucleotidase 1
10494	STK25	serine/threonine kinase 25 (STE20 homolog, yeast)
25771	TBC1D22A	TBC1 domain family, member 22A
3190	HNRPK	heterogeneous nuclear ribonucleoprotein K
7205	TRIP6	thyroid hormone receptor interactor 6
23636	NUP62	nucleoporin 62kDa
8829	NRP1	neuropilin 1
322	APBB1	amyloid beta (A4) precursor protein-binding, family B, member 1 (Fe65)
22937	SCAP	SREBF chaperone
9315	C5orf13	chromosome 5 open reading frame 13
81029	WNT5B	wingless-type MMTV integration site family, member 5B
23061	TBC1D9B	TBC1 domain family, member 9B (with GRAM domain)
10206	TRIM13	tripartite motif-containing 13
25970	SH2B1	SH2B adaptor protein 1
8878	SQSTM1	sequestosome 1
4090	SMAD5	SMAD family member 5
7205	TRIP6	thyroid hormone receptor interactor 6
7464	CORO2A	coronin, actin binding protein, 2A
55684	C9orf86	chromosome 9 open reading frame 86
9744	CENTB1	centaurin, beta 1
84976	DISP1	dispatched homolog 1 (Drosophila)
338382	RAB7B	RAB7B, member RAS oncogene family
51567	TTRAP	TRAF and TNF receptor associated protein
2778	GNAS	GNAS complex locus
59307	SIGIRR	single immunoglobulin and toll-interleukin 1 receptor (TIR) domain
10587	TXNRD2	thioredoxin reductase 2
30001	ERO1L	ERO1-like (S. cerevisiae)
1816	DRD5	dopamine receptor D5
64396	GMCL1L	germ cell-less homolog 1 (Drosophila)-like
113878	DTX2	deltex homolog 2 (Drosophila)
6774	STAT3	signal transducer and activator of transcription 3 (acute-phase response factor)
9181	ARHGEF2	rho/rac guanine nucleotide exchange factor (GEF) 2
55970	GNG12	guanine nucleotide binding protein (G protein), gamma 12
55698	FLJ10324	hypothetical protein FLJ10324
2778	GNAS	GNAS complex locus
1455	CSNK1G2	casein kinase 1, gamma 2
86	ACTL6A	actin-like 6A
2665	GDI2	GDP dissociation inhibitor 2
55357	TBC1D2	TBC1 domain family, member 2

51684	SUFU	suppressor of fused homolog (Drosophila)
10922	FASTK	Fas-activated serine/threonine kinase
6850	SYK	spleen tyrosine kinase
7088	TLE1	transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila)
9862	THRAP4	thyroid hormone receptor associated protein 4
9910	RABGAP1L	RAB GTPase activating protein 1-like
2769	GNA15	guanine nucleotide binding protein (G protein), alpha 15 (Gq class)
2150	F2RL1	coagulation factor II (thrombin) receptor-like 1
56923	NMUR2	neuromedin U receptor 2
5328	PLAU	plasminogen activator, urokinase
55846	ITFG2	integrin alpha FG-GAP repeat containing 2
7071	KLF10	Kruppel-like factor 10
3059	HCLS1	hematopoietic cell-specific Lyn substrate 1
3560	IL2RB	interleukin 2 receptor, beta
56848	SPHK2	sphingosine kinase 2
3688	ITGB1	integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
6789	STK4	serine/threonine kinase 4
64411	CENTD3	centaurin, delta 3
51094	ADIPOR1	adiponectin receptor 1
6376	CX3CL1	chemokine (C-X3-C motif) ligand 1
2847	MCHR1	melanin-concentrating hormone receptor 1
2266	FGG	fibrinogen gamma chain
51776	ZAK	sterile alpha motif and leucine zipper containing kinase AZK
5129	PTK3	PCTAIRE protein kinase 3
64170	CARD9	caspase recruitment domain family, member 9
8031	NCOA4	nuclear receptor coactivator 4
27242	TNFRSF21	tumor necrosis factor receptor superfamily, member 21
9392	TGFBRAP1	transforming growth factor, beta receptor associated protein 1
8821	INPP4B	inositol polyphosphate-4-phosphatase, type II, 105kDa
929	CD14	CD14 molecule
8877	SPHK1	sphingosine kinase 1
2149	F2R	coagulation factor II (thrombin) receptor
7434	VIPR2	vasoactive intestinal peptide receptor 2
29760	BLNK	B-cell linker
27242	TNFRSF21	tumor necrosis factor receptor superfamily, member 21
1136	CHRNA3	cholinergic receptor, nicotinic, alpha 3
3959	LGALS3BP	lectin, galactoside-binding, soluble, 3 binding protein
7064	THOP1	thimet oligopeptidase 1
55367	LRDD	leucine-rich repeats and death domain containing
55750	AGK	acylglycerol kinase
2785	GNG3	guanine nucleotide binding protein (G protein), gamma 3
3627	CXCL10	chemokine (C-X-C motif) ligand 10
54205	CYCS	cytochrome c, somatic
29967	LRP12	low density lipoprotein-related protein 12
638	BIK	BCL2-interacting killer (apoptosis-inducing)
5912	RAP2B	RAP2B, member of RAS oncogene family
664	BNIP3	BCL2/adenovirus E1B 19kDa interacting protein 3
27314	RAB30	RAB30, member RAS oncogene family
11018	TMED1	transmembrane emp24 protein transport domain containing 1
54602	NDFIP2	Nedd4 family interacting protein 2
3123	HLA-DRB1	major histocompatibility complex, class II, DR beta 1
9352	TXNL1	thioredoxin-like 1
64581	CLEC7A	C-type lectin domain family 7, member A
2768	GNA12	guanine nucleotide binding protein (G protein) alpha 12
2921	CXCL3	chemokine (C-X-C motif) ligand 3
51246	SCOTIN	scotin
10728	PTGES3	prostaglandin E synthase 3 (cytosolic)
5906	RAP1A	RAP1A, member of RAS oncogene family
23509	POFUT1	protein O-fucosyltransferase 1
8934	RAB7L1	RAB7, member RAS oncogene family-like 1
9077	DIRAS3	DIRAS family, GTP-binding RAS-like 3
4188	MDFI	MyoD family inhibitor
26207	PITPNC1	phosphatidylinositol transfer protein, cytoplasmic 1
9518	GDF15	growth differentiation factor 15
23370	ARHGEF18	rho/rac guanine nucleotide exchange factor (GEF) 18
10159	ATP6AP2	ATPase, H <sup>+</sup> transporting, lysosomal accessory protein 2
3630	INS	insulin
4192	MDK	midkine (neurite growth-promoting factor 2)
7070	THY1	Thy-1 cell surface antigen
402	ARL2	ADP-ribosylation factor-like 2
56681	SAR1A	SAR1 gene homolog A (S. cerevisiae)
51560	RAB6B	RAB6B, member RAS oncogene family
598	BCL2L1	BCL2-like 1
1134	CHRNA1	cholinergic receptor, nicotinic, alpha 1 (muscle)
5515	PPP2CA	protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform
6373	CXCL11	chemokine (C-X-C motif) ligand 11

56033	BARX1	BarH-like homeobox 1
1081	CGA	glycoprotein hormones, alpha polypeptide
10267	RAMP1	receptor (G protein-coupled) activity modifying protein 1
51617	HMP19	HMP19 protein
55789	DEPDC1B	DEP domain containing 1B
8835	SOCS2	suppressor of cytokine signaling 2
57111	RAB25	RAB25, member RAS oncogene family
27040	LAT	linker for activation of T cells
5008	OSM	oncostatin M
10549	PRDX4	peroxiredoxin 4
5571	PRKAG1	protein kinase, AMP-activated, gamma 1 non-catalytic subunit
6271	S100A1	S100 calcium binding protein A1
55851	PSENEN	presenilin enhancer 2 homolog (C. elegans)
1978	EIF4EBP1	eukaryotic translation initiation factor 4E binding protein 1
3925	STMN1	stathmin 1/oncoprotein 18
29100	HSPC171	HSPC171 protein
51237	MGC29506	hypothetical protein MGC29506
6717	SRI	sorcin
8601	RGS20	regulator of G-protein signalling 20
9982	FGFBP1	fibroblast growth factor binding protein 1
10602	CDC42EP3	CDC42 effector protein (Rho GTPase binding) 3
6503	SLA	Src-like-adaptor
9454	HOMER3	homer homolog 3 (Drosophila)
3159	HMGA1	high mobility group AT-hook 1
27242	TNFRSF21	tumor necrosis factor receptor superfamily, member 21
5612	PRKRIR	protein-kinase, interferon-inducible double stranded RNA dependent inhibitor, repressor of (P58 repressor)
399	RHOH	ras homolog gene family, member H
494150	LOC494150	prohibitin pseudogene
1443	CSH2	chorionic somatomammotropin hormone 2
975	CD81	CD81 molecule
2205	FCER1A	Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide
3612	IMPA1	inositol(myo)-1(or 4)-monophosphatase 1
80318	GKAP1	G kinase anchoring protein 1
2252	FGF7	fibroblast growth factor 7 (keratinocyte growth factor)
8294	HIST1H4I	histone cluster 1, H4i
10681	GNB5	guanine nucleotide binding protein (G protein), beta 5
4118	MAL	mal, T-cell differentiation protein
50861	STMN3	stathmin-like 3
5881	RAC3	ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)
9367	RAB9A	RAB9A, member RAS oncogene family
2885	GRB2	growth factor receptor-bound protein 2
56937	TMEPAI	transmembrane, prostate androgen induced RNA
3487	IGFBP4	insulin-like growth factor binding protein 4
7416	VDAC1	voltage-dependent anion channel 1
6281	S100A10	S100 calcium binding protein A10
6282	S100A11	S100 calcium binding protein A11
797	CALCB	calcitonin-related polypeptide, beta
57708	MIER1	mesoderm induction early response 1 homolog (Xenopus laevis)
11126	CD160	CD160 molecule
581	BAX	BCL2-associated X protein
22926	ATF6	activating transcription factor 6
81609	SNX27	sorting nexin family member 27
2596	GAP43	growth associated protein 43
3001	GZMA	granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)
23564	DDAH2	dimethylarginine dimethylaminohydrolase 2
6300	MAPK12	mitogen-activated protein kinase 12
9047	SH2D2A	SH2 domain protein 2A
4089	SMAD4	SMAD family member 4
57658	CALCOCO1	calcium binding and coiled-coil domain 1
55250	STATIP1	signal transducer and activator of transcription 3 interacting protein 1
399979	SNX19	sorting nexin 19
5925	RB1	retinoblastoma 1 (including osteosarcoma)
5583	PRKCH	protein kinase C, eta
5995	RGR	retinal G protein coupled receptor
1390	CREM	cAMP responsive element modulator
125058	TBC1D16	TBC1 domain family, member 16
919	CD247	CD247 molecule
3561	IL2RG	interleukin 2 receptor, gamma (severe combined immunodeficiency)
115677	NOSTRIN	nitric oxide synthase trafficker
59349	KLHL12	kelch-like 12 (Drosophila)
9289	GPR56	G protein-coupled receptor 56
9874	TLK1	tousled-like kinase 1
2242	FES	feline sarcoma oncogene
10392	NOD1	nucleotide-binding oligomerization domain containing 1
2793	GNGT2	guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2

51022	GLRX2	glutaredoxin 2
1382	CRABP2	cellular retinoic acid binding protein 2
805	CALM2	calmodulin 2 (phosphorylase kinase, delta)
5367	PMCH	pro-melanin-concentrating hormone
9262	STK17B	serine/threonine kinase 17b (apoptosis-inducing)
26086	GPSM1	G-protein signalling modulator 1 (AGS3-like, <i>C. elegans</i> )
3959	LGALS3BP	lectin, galactoside-binding, soluble, 3 binding protein
25791	NGEF	neuronal guanine nucleotide exchange factor
6774	STAT3	signal transducer and activator of transcription 3 (acute-phase response factor)
22899	ARHGEF15	Rho guanine nucleotide exchange factor (GEF) 15
9510	ADAMTS1	ADAM metalloproteinase with thrombospondin type 1 motif, 1
974	CD79B	CD79b molecule, immunoglobulin-associated beta
8519	IFITM1	interferon induced transmembrane protein 1 (9-27)
29097	CNIH4	cornichon homolog 4 ( <i>Drosophila</i> )
29108	PYCARD	PYD and CARD domain containing
572	BAD	BCL2-antagonist of cell death
5029	P2RY2	purinergic receptor P2Y, G-protein coupled, 2
79816	TLE6	transducin-like enhancer of split 6 (E(sp1) homolog, <i>Drosophila</i> )
5590	PRKCZ	protein kinase C, zeta
6772	STAT1	signal transducer and activator of transcription 1, 91kDa
3689	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and 4 subunit)
9568	GABBR2	gamma-aminobutyric acid (GABA) B receptor, 2
868	CBLB	Cas-Br-M (murine) ecotropic retroviral transforming sequence b
6367	CCL22	chemokine (C-C motif) ligand 22
6863	TAC1	tachykinin, precursor 1 (substance K, substance P, neurokinin 1, neurokinin 2, neuromedin L, neurokinin alpha, neuropeptide K, neuropeptide gamma)
4259	MGST3	microsomal glutathione S-transferase 3
8153	RND2	Rho family GTPase 2
8856	NR1I2	nuclear receptor subfamily 1, group I, member 2
64840	PORCN	porcupine homolog ( <i>Drosophila</i> )
369	ARAF	v-ras murine sarcoma 3611 viral oncogene homolog
1857	DVL3	dishevelled, dsh homolog 3 ( <i>Drosophila</i> )
84249	PSD2	pleckstrin and Sec7 domain containing 2
27032	ATP2C1	ATPase, Ca <sup>++</sup> transporting, type 2C, member 1
23228	PLCL2	phospholipase C-like 2
6357	CCL13	chemokine (C-C motif) ligand 13
10581	IFITM2	interferon induced transmembrane protein 2 (1-8D)
7164	TPD52L1	tumor protein D52-like 1
3397	ID1	inhibitor of DNA binding 1, dominant negative helix-loop-helix protein
5502	PPP1R1A	protein phosphatase 1, regulatory (inhibitor) subunit 1A
1901	EDG1	endothelial differentiation, sphingolipid G-protein-coupled receptor, 1
9618	TRAF4	TNF receptor-associated factor 4
79735	TBC1D17	TBC1 domain family, member 17
90134	KCNH7	potassium voltage-gated channel, subfamily H (eag-related), member 7
5863	RGL2	ral guanine nucleotide dissociation stimulator-like 2
57231	SNX14	sorting nexin 14
23550	PSD4	pleckstrin and Sec7 domain containing 4
2280	FKBP1A	FK506 binding protein 1A, 12kDa
10410	IFITM3	interferon induced transmembrane protein 3 (1-8U)
9019	MPZL1	myelin protein zero-like 1
2872	MKNK2	MAP kinase interacting serine/threonine kinase 2
8740	TNFSF14	tumor necrosis factor (ligand) superfamily, member 14
5527	PPP2R5C	protein phosphatase 2, regulatory subunit B', gamma isoform
91	ACVR1B	activin A receptor, type IB
79902	NUP85	nucleoporin 85kDa
2131	EXT1	exostoses (multiple) 1
6776	STAT5A	signal transducer and activator of transcription 5A
10902	BRD8	bromodomain containing 8
5921	RASA1	RAS p21 protein activator (GTPase activating protein) 1
414927	MGC34796	SPR pseudogene
10815	CPLX1	complexin 1
23589	CARHSP1	calcium regulated heat stable protein 1, 24kDa
10912	GADD45G	growth arrest and DNA-damage-inducible, gamma
9404	LPXN	leupaxin
8883	APPBP1	amyloid beta precursor protein binding protein 1
10432	RBM14	RNA binding motif protein 14
64333	ARHGAP9	Rho GTPase activating protein 9
11108	PRDM4	PR domain containing 4
11059	WWP1	WW domain containing E3 ubiquitin protein ligase 1
3678	ITGA5	integrin, alpha 5 (fibronectin receptor, alpha polypeptide)
51738	GHRL	ghrelin/obestatin preprohormone
3956	LGALS1	lectin, galactoside-binding, soluble, 1 (galectin 1)
23568	ARL2BP	ADP-ribosylation factor-like 2 binding protein
857	CAV1	caveolin 1, caveolae protein, 22kDa
5870	RAB6A	RAB6A, member RAS oncogene family
51523	CXXC5	CXXC finger 5

5179	PENK	proenkephalin
1776	DNASE1L3	deoxyribonuclease I-like 3
53340	SPA17	sperm autoantigenic protein 17
355	FAS	Fas (TNF receptor superfamily, member 6)
5341	PLEK	pleckstrin
9052	GPRC5A	G protein-coupled receptor, family C, group 5, member A
2555	GABRA2	gamma-aminobutyric acid (GABA) A receptor, alpha 2
1848	DUSP6	dual specificity phosphatase 6
9265	PSCD3	pleckstrin homology, Sec7 and coiled-coil domains 3
6252	RTN1	reticulon 1
3148	HMGB2	high-mobility group box 2
9982	FGFBP1	fibroblast growth factor binding protein 1
433	ASGR2	asialoglycoprotein receptor 2
55784	MCTP2	multiple C2 domains, transmembrane 2
2487	FRZB	frizzled-related protein
10800	CYSLTR1	cysteinyl leukotriene receptor 1
3577	IL8RA	interleukin 8 receptor, alpha
23543	RBM9	RNA binding motif protein 9
8861	LDB1	LIM domain binding 1
9649	RALGPS1	Ral GEF with PH domain and SH3 binding motif 1
3481	IGF2	insulin-like growth factor 2 (somatomedin A)
5957	RCVRN	recoverin
9554	SEC22B	SEC22 vesicle trafficking protein homolog B ( <i>S. cerevisiae</i> )
3692	ITGB4BP	integrin beta 4 binding protein
58533	SNX6	sorting nexin 6
53944	CSNK1G1	casein kinase 1, gamma 1
55701	FLJ10357	hypothetical protein FLJ10357
9934	P2RY14	purinergic receptor P2Y, G-protein coupled, 14
79594	C1orf166	chromosome 1 open reading frame 166
185	AGTR1	angiotensin II receptor, type 1
2852	GPR30	G protein-coupled receptor 30
5025	P2RX4	purinergic receptor P2X, ligand-gated ion channel, 4
11333	PDAP1	PDGFA associated protein 1
10124	ARL4A	ADP-ribosylation factor-like 4A
1442	CSH1	chorionic somatomammotropin hormone 1 (placental lactogen)
3002	GZMB	granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1)
91419	XRCC6BP1	XRCC6 binding protein 1
5366	PMAIP1	phorbol-12-myristate-13-acetate-induced protein 1
5031	P2RY6	pyrimidinergic receptor P2Y, G-protein coupled, 6
2840	GPR17	G protein-coupled receptor 17
5771	PTPN2	protein tyrosine phosphatase, non-receptor type 2
8935	SKAP2	src kinase associated phosphoprotein 2
5272	SERPINB9	serpin peptidase inhibitor, clade B (ovalbumin), member 9
79822	ARHGAP28	Rho GTPase activating protein 28
27065	D4S234E	DNA segment on chromosome 4 (unique) 234 expressed sequence
379	ARL4D	ADP-ribosylation factor-like 4D
5874	RAB27B	RAB27B, member RAS oncogene family
79139	DERL1	Der1-like domain family, member 1
4869	NPM1	nucleophosmin (nucleolar phosphoprotein B23, numatrin)
8613	PPAP2B	phosphatidic acid phosphatase type 2B
2246	FGF1	fibroblast growth factor 1 (acidic)
54518	APBB1IP	amyloid beta (A4) precursor protein-binding, family B, member 1 interacting protein
2780	GNAT2	guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 2
57007	CXCR7	chemokine (C-X-C motif) receptor 7
55785	FGD6	FYVE, RhoGEF and PH domain containing 6
11228	RASSF8	Ras association (RalGDS/AF-6) domain family 8
11020	RABL4	RAB, member of RAS oncogene family-like 4
5861	RAB1A	RAB1A, member RAS oncogene family
51510	CHMP5	chromatin modifying protein 5
114609	TIRAP	toll-interleukin 1 receptor (TIR) domain containing adaptor protein
4869	NPM1	nucleophosmin (nucleolar phosphoprotein B23, numatrin)
10253	SPRY2	sprouty homolog 2 ( <i>Drosophila</i> )
10174	SORBS3	sorbin and SH3 domain containing 3
9455	HOMER2	homer homolog 2 ( <i>Drosophila</i> )
2781	GNAZ	guanine nucleotide binding protein (G protein), alpha z polypeptide
945	CD33	CD33 molecule
8863	PER3	period homolog 3 ( <i>Drosophila</i> )
55003	PAK1IP1	PAK1 interacting protein 1
5998	RGS3	regulator of G-protein signalling 3
1942	EFNA1	ephrin-A1
51510	CHMP5	chromatin modifying protein 5
5111	PCNA	proliferating cell nuclear antigen
26228	BRDG1	BCR downstream signaling 1
27063	ANKRD1	ankyrin repeat domain 1 (cardiac muscle)
5745	PTHr1	parathyroid hormone receptor 1
51562	MBIP	MAP3K12 binding inhibitory protein 1

23770	FKBP8	FK506 binding protein 8, 38kDa
1819	DRG2	developmentally regulated GTP binding protein 2
11197	WIF1	WNT inhibitory factor 1
387	RHOA	ras homolog gene family, member A
5999	RGS4	regulator of G-protein signalling 4
79039	DDX54	DEAD (Asp-Glu-Ala-Asp) box polypeptide 54
3123	HLA-DRB1	major histocompatibility complex, class II, DR beta 1
378925	RNF148	ring finger protein 148
2100	ESR2	estrogen receptor 2 (ER beta)
219790	PLEKHK1	pleckstrin homology domain containing, family K member 1
684	BST2	bone marrow stromal cell antigen 2
8878	SQSTM1	sequestosome 1
5603	MAPK13	mitogen-activated protein kinase 13
5573	PRKAR1A	protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1)
9411	ARHGAP29	Rho GTPase activating protein 29
8533	COPS3	COP9 constitutive photomorphogenic homolog subunit 3 (Arabidopsis)
2896	GRN	granulin
3190	HNRPK	heterogeneous nuclear ribonucleoprotein K
81033	KCNH6	potassium voltage-gated channel, subfamily H (eag-related), member 6
10133	OPTN	optineurin
3320	HSP90AA1	heat shock protein 90kDa alpha (cytosolic), class A member 1
5583	PRKCH	protein kinase C, eta
56882	CDC42SE1	CDC42 small effector 1
8367	HIST1H4E	histone cluster 1, H4e
152015	ROPN1B	ropporin, rhophilin associated protein 1B
23421	ITGB3BP	integrin beta 3 binding protein (beta3-endonexin)
9266	PSCD2	pleckstrin homology, Sec7 and coiled-coil domains 2 (cytohesin-2)
9467	SH3BP5	SH3-domain binding protein 5 (BTK-associated)
9318	COPS2	COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis)
4354	MPP1	membrane protein, palmitoylated 1, 55kDa
2923	PDIA3	protein disulfide isomerase family A, member 3
5518	PPP2R1A	protein phosphatase 2 (formerly 2A), regulatory subunit A , alpha isoform
8829	NRP1	neuropilin 1
6733	SRPK2	SFRS protein kinase 2
56998	CTNNBIP1	catenin, beta interacting protein 1
54205	CYCS	cytochrome c, somatic
1979	EIF4EBP2	eukaryotic translation initiation factor 4E binding protein 2
1381	CRABP1	cellular retinoic acid binding protein 1
8027	STAM	signal transducing adaptor molecule (SH3 domain and ITAM motif) 1
1909	EDNRA	endothelin receptor type A
7041	TGFB11	transforming growth factor beta 1 induced transcript 1
23624	CBLC	Cas-Br-M (murine) ecotropic retroviral transforming sequence c
4145	MATK	megakaryocyte-associated tyrosine kinase
53358	SHC3	SHC (Src homology 2 domain containing) transforming protein 3
3707	ITPKB	inositol 1,4,5-trisphosphate 3-kinase B
64786	TBC1D15	TBC1 domain family, member 15
84278	HIATL2	hippocampus abundant gene transcript-like 2
3159	HMGA1	high mobility group AT-hook 1
4867	NPHP1	nephronophthisis 1 (juvenile)
10597	SEDLP	spondyloepiphyseal dysplasia, late, pseudogene
2004	ELK3	ELK3, ETS-domain protein (SRF accessory protein 2)
221002	RASGEF1A	RasGEF domain family, member 1A
8227	CXYorf3	chromosome X and Y open reading frame 3
23603	CORO1C	coronin, actin binding protein, 1C
23061	TBC1D9B	TBC1 domain family, member 9B (with GRAM domain)
23683	PRKD3	protein kinase D3
9855	FARP2	FERM, RhoGEF and pleckstrin domain protein 2
9886	RHOBTB1	Rho-related BTB domain containing 1
23085	ERC1	ELKS/RAB6-interacting/CAST family member 1
2920	CXCL2	chemokine (C-X-C motif) ligand 2
112398	EGLN2	egl nine homolog 2 (C. elegans)
4627	MYH9	myosin, heavy chain 9, non-muscle
652	BMP4	bone morphogenetic protein 4
55081	IFT57	intraflagellar transport 57 homolog (Chlamydomonas)
887	CCKBR	cholecystokinin B receptor
207	AKT1	v-akt murine thymoma viral oncogene homolog 1
8532	CPZ	carboxypeptidase Z
8031	NCOA4	nuclear receptor coactivator 4
1936	EEF1D	eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein)
84986	ARHGAP19	Rho GTPase activating protein 19
6373	CXCL11	chemokine (C-X-C motif) ligand 11
801	CALM1	calmodulin 1 (phosphorylase kinase, delta)
5802	PTPRS	protein tyrosine phosphatase, receptor type, S
51079	NDUFA13	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 13
4286	MITF	microphthalmia-associated transcription factor
28988	DBNL	drebrin-like

835	CASP2	caspase 2, apoptosis-related cysteine peptidase (neural precursor cell expressed, developmentally down-regulated 2)
1136	CHRNA3	cholinergic receptor, nicotinic, alpha 3
7464	CORO2A	coronin, actin binding protein, 2A
7857	SCG2	secretogranin II (chromogranin C)
9984	THOC1	THO complex 1
2790	GNG10	guanine nucleotide binding protein (G protein), gamma 10
6363	CCL19	chemokine (C-C motif) ligand 19
6372	CXCL6	chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2)
966	CD59	CD59 molecule, complement regulatory protein
2922	GRP	gastrin-releasing peptide
8517	IKBKG	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma
3275	PRMT2	protein arginine methyltransferase 2
51463	GPR89A	G protein-coupled receptor 89A
3459	IFNGR1	interferon gamma receptor 1
2886	GRB7	growth factor receptor-bound protein 7
113878	DTX2	deltex homolog 2 (Drosophila)
5519	PPP2R1B	protein phosphatase 2 (formerly 2A), regulatory subunit A, beta isoform
2786	GNG4	guanine nucleotide binding protein (G protein), gamma 4
27130	INVS	inversin
6374	CXCL5	chemokine (C-X-C motif) ligand 5
6366	CCL21	chemokine (C-C motif) ligand 21
55750	AGK	acylglycerol kinase
57126	CD177	CD177 molecule
5979	RET	ret proto-oncogene (multiple endocrine neoplasia and medullary thyroid carcinoma 1, Hirschsprung disease)
7535	ZAP70	zeta-chain (TCR) associated protein kinase 70kDa
9252	RPS6KA5	ribosomal protein S6 kinase, 90kDa, polypeptide 5
399694	SHC4	SHC (Src homology 2 domain containing) family, member 4
5579	PRKCB1	protein kinase C, beta 1
4900	NRGN	neurogranin (protein kinase C substrate, RC3)
121504	HIST4H4	histone cluster 4, H4
10010	TANK	TRAF family member-associated NFKB activator
29108	PYCARD	PYD and CARD domain containing
801	CALM1	calmodulin 1 (phosphorylase kinase, delta)
7432	VIP	vasoactive intestinal peptide
6001	RGS10	regulator of G-protein signalling 10
8834	TMEM11	transmembrane protein 11
55816	DOK5	docking protein 5
114971	PTPMT1	protein tyrosine phosphatase, mitochondrial 1
8817	FGF18	fibroblast growth factor 18
2810	SFN	stratifin
9098	USP6	ubiquitin specific peptidase 6 (Tre-2 oncogene)
7105	TSPAN6	tetraspanin 6
5173	PDYN	prodynorphin
1316	KLF6	Kruppel-like factor 6
808	CALM3	calmodulin 3 (phosphorylase kinase, delta)
5998	RGS3	regulator of G-protein signalling 3
11163	NUDT4	nudix (nucleoside diphosphate linked moiety X)-type motif 4
28512	NKIRAS1	NFKB inhibitor interacting Ras-like 1
8738	CRADD	CASP2 and RIPK1 domain containing adaptor with death domain
11021	RAB35	RAB35, member RAS oncogene family
26291	FGF21	fibroblast growth factor 21
6014	RIT2	Ras-like without CAAX 2
51715	RAB23	RAB23, member RAS oncogene family
29883	CNOT7	CCR4-NOT transcription complex, subunit 7
7531	YWHAE	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide
84727	SPSB2	splA/ryanodine receptor domain and SOCS box containing 2
805	CALM2	calmodulin 2 (phosphorylase kinase, delta)
10874	NMU	neuromedin U
92610	TIFA	TRAF-interacting protein with a forkhead-associated domain
80117	ARL14	ADP-ribosylation factor-like 14
5330	PLCB2	phospholipase C, beta 2
2978	GUCA1A	guanylate cyclase activator 1A (retina)
23682	RAB38	RAB38, member RAS oncogene family
54734	RAB39	RAB39, member RAS oncogene family
9363	RAB33A	RAB33A, member RAS oncogene family
8741	TNFSF13	tumor necrosis factor (ligand) superfamily, member 13
30818	KCNIP3	Kv channel interacting protein 3, calsénin
51107	APH1A	anterior pharynx defective 1 homolog A (C. elegans)
4259	MGST3	microsomal glutathione S-transferase 3
340419	RSPO2	R-spondin 2 homolog (Xenopus laevis)
5908	RAP1B	RAP1B, member of RAS oncogene family
57403	RAB22A	RAB22A, member RAS oncogene family
8764	TNFRSF14	tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator)
6004	RGS16	regulator of G-protein signalling 16



5480	PPIC	peptidylprolyl isomerase C (cyclophilin C)
1442	CSH1	chorionic somatomammotropin hormone 1 (placental lactogen)
56616	DIABLO	diablo homolog (Drosophila)
6398	SECTM1	secreted and transmembrane 1
5567	PRKACB	protein kinase, cAMP-dependent, catalytic, beta
4869	NPM1	nucleophosmin (nucleolar phosphoprotein B23, numatrin)
9536	PTGES	prostaglandin E synthase
1907	EDN2	endothelin 2
55207	ARL8B	ADP-ribosylation factor-like 8B
637	BID	BH3 interacting domain death agonist
9270	ITGB1BP1	integrin beta 1 binding protein 1
5872	RAB13	RAB13, member RAS oncogene family
5862	RAB2A	RAB2A, member RAS oncogene family
5867	RAB4A	RAB4A, member RAS oncogene family
3068	HDGF	hepatoma-derived growth factor (high-mobility group protein 1-like)
11248	NXPH3	neurexophilin 3
84336	TMEM101	transmembrane protein 101
51107	APH1A	anterior pharynx defective 1 homolog A (C. elegans)
54581	SCAND2	SCAN domain containing 2
90390	THRAP6	thyroid hormone receptor associated protein 6
3845	KRAS	v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog
10219	KLRG1	killer cell lectin-like receptor subfamily G, member 1
10890	RAB10	RAB10, member RAS oncogene family
1398	CRK	v-crk sarcoma virus CT10 oncogene homolog (avian)
1906	EDN1	endothelin 1
5156	PDGFRA	platelet-derived growth factor receptor, alpha polypeptide
9218	VAPA	VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa
51118	UTP11L	UTP11-like, U3 small nucleolar ribonucleoprotein, (yeast)
23176	8/sep	septin 8
3123	HLA-DRB1	major histocompatibility complex, class II, DR beta 1
93659	CGB5	chorionic gonadotropin, beta polypeptide 5
11065	UBE2C	ubiquitin-conjugating enzyme E2C
11315	PARK7	Parkinson disease (autosomal recessive, early onset) 7
637	BID	BH3 interacting domain death agonist
22859	LPHN1	latrophilin 1
396	ARHGDI2	Rho GDP dissociation inhibitor (GDI) alpha
3569	IL6	interleukin 6 (interferon, beta 2)
5864	RAB3A	RAB3A, member RAS oncogene family
7462	LAT2	linker for activation of T cells family, member 2
7253	TSHR	thyroid stimulating hormone receptor
79363	C1orf89	chromosome 1 open reading frame 89
1072	CFL1	cofilin 1 (non-muscle)
378	ARF4	ADP-ribosylation factor 4
998	CDC42	cell division cycle 42 (GTP binding protein, 25kDa)
3148	HMGB2	high-mobility group box 2
64781	CERK	ceramide kinase
22931	RAB18	RAB18, member RAS oncogene family
2339	FNTA	farnesyltransferase, CAAX box, alpha
80762	NDFIP1	Nedd4 family interacting protein 1
390	RND3	Rho family GTPase 3
1149	CIDEA	cell death-inducing DFFA-like effector a
939	CD27	CD27 molecule
22943	DKK1	dickkopf homolog 1 (Xenopus laevis)
63898	SH2D4A	SH2 domain containing 4A
958	CD40	CD40 molecule, TNF receptor superfamily member 5
9200	PTPLA	protein tyrosine phosphatase-like (proline instead of catalytic arginine), member A
5995	RGR	retinal G protein coupled receptor
5082	PDCL	phosducin-like
961	CD47	CD47 molecule
2213	FCGR2B	Fc fragment of IgG, low affinity IIb, receptor (CD32)
3705	ITPK1	inositol 1,3,4-triphosphate 5/6 kinase
1393	CRHBP	corticotropin releasing hormone binding protein
7538	ZFP36	zinc finger protein 36, C3H type, homolog (mouse)
3455	IFNAR2	interferon (alpha, beta and omega) receptor 2
23551	RASD2	RASD family, member 2
3488	IGFBP5	insulin-like growth factor binding protein 5
836	CASP3	caspase 3, apoptosis-related cysteine peptidase
27111	SDCBP2	syndecan binding protein (syntenin) 2
3921	RPSA	ribosomal protein SA
2775	GNAO1	guanine nucleotide binding protein (G protein), alpha activating activity polypeptide O
351	APP	amyloid beta (A4) precursor protein (peptidase nexin-II, Alzheimer disease)
11040	PIM2	pim-2 oncogene
9743	RICS	Rho GTPase-activating protein
55715	DOK4	docking protein 4
54860	MS4A12	membrane-spanning 4-domains, subfamily A, member 12
92369	SPSB4	splA/ryanodine receptor domain and SOCS box containing 4

10966	RAB40B	RAB40B, member RAS oncogene family
4615	MYD88	myeloid differentiation primary response gene (88)
10273	STUB1	STIP1 homology and U-box containing protein 1
5538	PPT1	palmitoyl-protein thioesterase 1 (ceroid-lipofuscinosis, neuronal 1, infantile)
9255	SCYE1	small inducible cytokine subfamily E, member 1 (endothelial monocyte-activating)
10399	GNB2L1	guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1
55344	PLCXD1	phosphatidylinositol-specific phospholipase C, X domain containing 1
2874	GPS2	G protein pathway suppressor 2
493861	EID3	EP300 interacting inhibitor of differentiation 3
9019	MPZL1	myelin protein zero-like 1
80176	SPSB1	splA/ryanodine receptor domain and SOCS box containing 1
81542	TXNDC1	thioredoxin domain containing 1
896	CCND3	cyclin D3
3084	NRG1	neuregulin 1
840	CASP7	caspase 7, apoptosis-related cysteine peptidase
114780	PKD1L2	polycystic kidney disease 1-like 2
57019	CIAPIN1	cytokine induced apoptosis inhibitor 1
4070	TACSTD2	tumor-associated calcium signal transducer 2
10982	MAPRE2	microtubule-associated protein, RP/EB family, member 2
115330	GPR146	G protein-coupled receptor 146
53836	GPR87	G protein-coupled receptor 87
51277	RBJ	Ras-associated protein Rap1
51655	RASD1	RAS, dexamethasone-induced 1
64210	MMS19L	MMS19-like (MET18 homolog, <i>S. cerevisiae</i> )
931	MS4A1	membrane-spanning 4-domains, subfamily A, member 1
6678	SPARC	secreted protein, acidic, cysteine-rich (osteonectin)
9111	NMI	N-myc (and STAT) interactor
2267	FGL1	fibrinogen-like 1
4157	MC1R	melanocortin 1 receptor (alpha melanocyte stimulating hormone receptor)
5308	PITX2	paired-like homeodomain transcription factor 2
9402	GRAP2	GRB2-related adaptor protein 2
5608	MAP2K6	mitogen-activated protein kinase kinase 6
3553	IL1B	interleukin 1, beta
54472	TOLLIP	toll interacting protein
140461	ASB8	ankyrin repeat and SOCS box-containing 8
51256	TBC1D7	TBC1 domain family, member 7
11331	PHB2	prohibitin 2
1019	CDK4	cyclin-dependent kinase 4
8851	CDK5R1	cyclin-dependent kinase 5, regulatory subunit 1 (p35)
8575	PRKRA	protein kinase, interferon-inducible double stranded RNA dependent activator
140	ADORA3	adenosine A3 receptor
246329	STAC3	SH3 and cysteine rich domain 3
151306	GPBAR1	G protein-coupled bile acid receptor 1
9901	SRGAP3	SLIT-ROBO Rho GTPase activating protein 3
29079	MED4	mediator of RNA polymerase II transcription, subunit 4 homolog ( <i>S. cerevisiae</i> )
573	BAG1	BCL2-associated athanogene
3162	HMOX1	heme oxygenase (decycling) 1
140462	ASB9	ankyrin repeat and SOCS box-containing 9
952	CD38	CD38 molecule
1398	CRK	v-crk sarcoma virus CT10 oncogene homolog (avian)
8851	CDK5R1	cyclin-dependent kinase 5, regulatory subunit 1 (p35)
10783	NEK6	NIMA (never in mitosis gene a)-related kinase 6
758	MPPED1	metallophosphoesterase domain containing 1
2827	GPR3	G protein-coupled receptor 3
5245	PHB	prohibitin
11130	ZWINT	ZW10 interactor
3613	IMPA2	inositol(myo)-1(or 4)-monophosphatase 2
6423	SFRP2	secreted frizzled-related protein 2
26084	SGEF	Src homology 3 domain-containing guanine nucleotide exchange factor
27239	GPR162	G protein-coupled receptor 162
51324	SPG21	spastic paraplegia 21, maspardin (autosomal recessive, Mast syndrome)
10670	RRAGA	Ras-related GTP binding A
308	ANXA5	annexin A5
134	ADORA1	adenosine A1 receptor
2841	GPR18	G protein-coupled receptor 18
51665	ASB1	ankyrin repeat and SOCS box-containing 1
1385	CREB1	cAMP responsive element binding protein 1
56288	PARD3	par-3 partitioning defective 3 homolog ( <i>C. elegans</i> )
11070	TMEM115	transmembrane protein 115
1641	DCX	doublecortex; lissencephaly, X-linked (doublecortin)
3623	INH1A	inhibin, alpha
1271	CNTFR	ciliary neurotrophic factor receptor
10672	GNA13	guanine nucleotide binding protein (G protein), alpha 13
7867	MAPKAPK3	mitogen-activated protein kinase-activated protein kinase 3
4660	PPP1R12B	protein phosphatase 1, regulatory (inhibitor) subunit 12B
148022	TICAM1	toll-like receptor adaptor molecule 1

51704	GPRC5B	G protein-coupled receptor, family C, group 5, member B
5329	PLAUR	plasminogen activator, urokinase receptor
10663	CXCR6	chemokine (C-X-C motif) receptor 6
158947	ARMCX4	armadillo repeat containing, X-linked 4
914	CD2	CD2 molecule
7472	WNT2	wingless-type MMTV integration site family member 2
6455	SH3GL1	SH3-domain GRB2-like 1
11033	CENTA1	centaurin, alpha 1
3352	HTR1D	5-hydroxytryptamine (serotonin) receptor 1D
60485	SAV1	salvador homolog 1 (Drosophila)
157	ADRBK2	adrenergic, beta, receptor kinase 2
5589	PRKCSH	protein kinase C substrate 80K-H
11318	ADMR	adrenomedullin receptor
122011	CSNK1A1L	casein kinase 1, alpha 1-like
10140	TOB1	transducer of ERBB2, 1
6879	TAF7	TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55kDa
7852	CXCR4	chemokine (C-X-C motif) receptor 4
3579	IL8RB	interleukin 8 receptor, beta
2833	CXCR3	chemokine (C-X-C motif) receptor 3
2209	FCGR1A	Fc fragment of IgG, high affinity Ia, receptor (CD64)
4690	NCK1	NCK adaptor protein 1
9577	BRE	brain and reproductive organ-expressed (TNFRSF1A modulator)
7040	TGFB1	transforming growth factor, beta 1 (Camurati-Engelmann disease)
53637	EDG8	endothelial differentiation, sphingolipid G-protein-coupled receptor, 8
55884	WSB2	WD repeat and SOCS box-containing 2
23493	HEY2	hairly/enhancer-of-split related with YRPW motif 2
1022	CDK7	cyclin-dependent kinase 7 (MO15 homolog, Xenopus laevis, cdk-activating kinase)
7476	WNT7A	wingless-type MMTV integration site family, member 7A
623	BDKRB1	bradykinin receptor B1
5467	PPARD	peroxisome proliferator-activated receptor delta
6752	SSTR2	somatostatin receptor 2
1235	CCR6	chemokine (C-C motif) receptor 6
187	AGTRL1	angiotensin II receptor-like 1
23620	NTSR2	neurotensin receptor 2
64121	RRAGC	Ras-related GTP binding C
10900	RPIP8	RaP2 interacting protein 8
93594	WDR67	WD repeat domain 67
301	ANXA1	annexin A1
27122	DKK3	dickkopf homolog 3 (Xenopus laevis)
2898	GRIK2	glutamate receptor, ionotropic, kainate 2
5984	RFC4	replication factor C (activator 1) 4, 37kDa
11191	PTENP1	phosphatase and tensin homolog (mutated in multiple advanced cancers 1), pseudogene 1
11321	XAB1	XPA binding protein 1, GTPase
1848	DUSP6	dual specificity phosphatase 6
1238	CCBP2	chemokine binding protein 2
6751	SSTR1	somatostatin receptor 1
10314	LANCL1	LanC lantibiotic synthetase component C-like 1 (bacterial)
64798	DEPDC6	DEP domain containing 6
2783	GNB2	guanine nucleotide binding protein (G protein), beta polypeptide 2
10218	ANGPTL7	angiotensin-like 7
5567	PRKACB	protein kinase, cAMP-dependent, catalytic, beta
2770	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1
1902	EDG2	endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 2
4987	OPRL1	opiate receptor-like 1
7913	DEK	DEK oncogene (DNA binding)
2697	GJA1	gap junction protein, alpha 1, 43kDa
4886	NPY1R	neuropeptide Y receptor Y1
7157	TP53	tumor protein p53 (Li-Fraumeni syndrome)
9265	PSCD3	pleckstrin homology, Sec7 and coiled-coil domains 3
64798	DEPDC6	DEP domain containing 6
59345	GNB4	guanine nucleotide binding protein (G protein), beta polypeptide 4
1022	CDK7	cyclin-dependent kinase 7 (MO15 homolog, Xenopus laevis, cdk-activating kinase)
9170	EDG4	endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 4
1524	CX3CR1	chemokine (C-X3-C motif) receptor 1
5600	MAPK11	mitogen-activated protein kinase 11
54329	GPR85	G protein-coupled receptor 85
2331	FMOD	fibromodulin
5494	PPM1A	protein phosphatase 1A (formerly 2C), magnesium-dependent, alpha isoform
11135	CDC42EP1	CDC42 effector protein (Rho GTPase binding) 1
1846	DUSP4	dual specificity phosphatase 4
10332	CLEC4M	C-type lectin domain family 4, member M
2782	GNB1	guanine nucleotide binding protein (G protein), beta polypeptide 1
5606	MAP2K3	mitogen-activated protein kinase kinase 3
2358	FPRL1	formyl peptide receptor-like 1
407	ARR3	arrestin 3, retinal (X-arrestin)
7044	LEFTY2	left-right determination factor 2

92999	ZBTB47	zinc finger and BTB domain containing 47
5029	P2RY2	purinergic receptor P2Y, G-protein coupled, 2
5576	PRKAR2A	protein kinase, cAMP-dependent, regulatory, type II, alpha
8877	SPHK1	sphingosine kinase 1
2150	F2RL1	coagulation factor II (thrombin) receptor-like 1
23596	OPN3	opsin 3 (encephalopsin, panopsin)
168417	ZNF679	zinc finger protein 679
1454	CSNK1E	casein kinase 1, epsilon
5609	MAP2K7	mitogen-activated protein kinase kinase 7
28988	DBNL	drebrin-like
8795	TNFRSF10B	tumor necrosis factor receptor superfamily, member 10b
5607	MAP2K5	mitogen-activated protein kinase kinase 5
1123	CHN1	chimerin (chimaerin) 1
10146	G3BP1	GTPase activating protein (SH3 domain) binding protein 1
814	CAMK4	calcium/calmodulin-dependent protein kinase IV
9093	DNAJA3	DnaJ (Hsp40) homolog, subfamily A, member 3
23452	ANGPTL2	angiopoietin-like 2
135	ADORA2A	adenosine A2a receptor
51466	EVL	Enah/Vasp-like
10298	PAK4	p21(CDKN1A)-activated kinase 4
5770	PTPN1	protein tyrosine phosphatase, non-receptor type 1
55890	GPRC5C	G protein-coupled receptor, family C, group 5, member C
5664	PSEN2	presenilin 2 (Alzheimer disease 4)
8882	ZNF259	zinc finger protein 259
5914	RARA	retinoic acid receptor, alpha
8797	TNFRSF10A	tumor necrosis factor receptor superfamily, member 10a
115557	GEFT	RAC/CDC42 exchange factor
1890	ECGF1	endothelial cell growth factor 1 (platelet-derived)
8973	CHRNA6	cholinergic receptor, nicotinic, alpha 6
9046	DOK2	docking protein 2, 56kDa
408	ARRB1	arrestin, beta 1
10494	STK25	serine/threonine kinase 25 (STE20 homolog, yeast)
5163	PDK1	pyruvate dehydrogenase kinase, isozyme 1
7289	TULP3	tubby like protein 3
200576	PIP5K3	phosphatidylinositol-3-phosphate/phosphatidylinositol 5-kinase, type III
5781	PTPN11	protein tyrosine phosphatase, non-receptor type 11 (Noonan syndrome 1)
5663	PSEN1	presenilin 1 (Alzheimer disease 3)
30001	ERO1L	ERO1-like (S. cerevisiae)
2560	GABRB1	gamma-aminobutyric acid (GABA) A receptor, beta 1
11221	DUSP10	dual specificity phosphatase 10
954	ENTPD2	ectonucleoside triphosphate diphosphohydrolase 2
655	BMP7	bone morphogenetic protein 7 (osteogenic protein 1)
55437	ALS2CR2	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 2
86	ACTL6A	actin-like 6A
11026	LILRA3	leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 3
5521	PPP2R2B	protein phosphatase 2 (formerly 2A), regulatory subunit B, beta isoform
3611	ILK	integrin-linked kinase
1128	CHRM1	cholinergic receptor, muscarinic 1
23012	STK38L	serine/threonine kinase 38 like
1138	CHRNA5	cholinergic receptor, nicotinic, alpha 5
10487	CAP1	CAP, adenylate cyclase-associated protein 1 (yeast)
2534	FYN	FYN oncogene related to SRC, FGR, YES
2046	EPHA8	EPH receptor A8
3705	ITPK1	inositol 1,3,4-triphosphate 5/6 kinase
7424	VEGFC	vascular endothelial growth factor C
5170	PDPK1	3-phosphoinositide dependent protein kinase-1
10875	FGL2	fibrinogen-like 2
9771	RAPGEF5	Rap guanine nucleotide exchange factor (GEF) 5
2563	GABRD	gamma-aminobutyric acid (GABA) A receptor, delta
2674	GFRA1	GDNF family receptor alpha 1
2565	GABRG1	gamma-aminobutyric acid (GABA) A receptor, gamma 1
10278	EFS	embryonal Fyn-associated substrate
5468	PPARG	peroxisome proliferator-activated receptor gamma
79858	NEK11	NIMA (never in mitosis gene a)- related kinase 11
7296	TXNRD1	thioredoxin reductase 1
1453	CSNK1D	casein kinase 1, delta
27237	ARHGEF16	Rho guanine exchange factor (GEF) 16
5522	PPP2R2C	protein phosphatase 2 (formerly 2A), regulatory subunit B, gamma isoform
392	ARHGAP1	Rho GTPase activating protein 1
83605	CCM2	cerebral cavernous malformation 2
84675	TRIM55	tripartite motif-containing 55
84929	FIBCD1	fibrinogen C domain containing 1
10475	TRIM38	tripartite motif-containing 38
634	CEACAM1	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)
10486	CAP2	CAP, adenylate cyclase-associated protein, 2 (yeast)
183	AGT	angiotensinogen (serpin peptidase inhibitor, clade A, member 8)

7186	TRAF2	TNF receptor-associated factor 2
9051	PSTPIP1	proline-serine-threonine phosphatase interacting protein 1
5601	MAPK9	mitogen-activated protein kinase 9
655	BMP7	bone morphogenetic protein 7 (osteogenic protein 1)
27180	SIGLEC9	sialic acid binding Ig-like lectin 9
2664	GDI1	GDP dissociation inhibitor 1
7132	TNFRSF1A	tumor necrosis factor receptor superfamily, member 1A
164656	TMPRSS6	transmembrane protease, serine 6
4086	SMAD1	SMAD family member 1
9784	SNX17	sorting nexin 17
57522	SRGAP1	SLIT-ROBO Rho GTPase activating protein 1
6788	STK3	serine/threonine kinase 3 (STE20 homolog, yeast)
842	CASP9	caspase 9, apoptosis-related cysteine peptidase
10617	STAMPB	STAM binding protein
8428	STK24	serine/threonine kinase 24 (STE20 homolog, yeast)
3696	ITGB8	integrin, beta 8
11006	LILRB4	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 4
920	CD4	CD4 molecule
2516	NR5A1	nuclear receptor subfamily 5, group A, member 1
11329	STK38	serine/threonine kinase 38
2562	GABRB3	gamma-aminobutyric acid (GABA) A receptor, beta 3
8854	ALDH1A2	aldehyde dehydrogenase 1 family, member A2
2556	GABRA3	gamma-aminobutyric acid (GABA) A receptor, alpha 3
816	CAMK2B	calcium/calmodulin-dependent protein kinase (CaM kinase) II beta
6095	RORA	RAR-related orphan receptor A
5153	PDE1B	phosphodiesterase 1B, calmodulin-dependent
3454	IFNAR1	interferon (alpha, beta and omega) receptor 1
5584	PRKI	protein kinase C, iota
4929	NR4A2	nuclear receptor subfamily 4, group A, member 2
3680	ITGA9	integrin, alpha 9
11216	AKAP10	A kinase (PRKA) anchor protein 10
156	ADRBK1	adrenergic, beta, receptor kinase 1
1856	DVL2	dishevelled, dsh homolog 2 (Drosophila)
139135	PASD1	PAS domain containing 1
4828	NMB	neuromedin B
2444	FRK	fyn-related kinase
10188	TNK2	tyrosine kinase, non-receptor, 2
80778	ZNF34	zinc finger protein 34
10758	TRAF3IP2	TRAF3 interacting protein 2
51676	ASB2	ankyrin repeat and SOCS box-containing 2
8945	BTRC	beta-transducin repeat containing
29127	RACGAP1	Rac GTPase activating protein 1
55198	DIP13B	DIP13 beta
2982	GUCY1A3	guanylate cyclase 1, soluble, alpha 3
3954	LETM1	leucine zipper-EF-hand containing transmembrane protein 1
9146	HGS	hepatocyte growth factor-regulated tyrosine kinase substrate
6003	RGS13	regulator of G-protein signalling 13
3055	HCK	hemopoietic cell kinase
23432	GPR161	G protein-coupled receptor 161
152273	FGD5	FYVE, RhoGEF and PH domain containing 5
10636	RGS14	regulator of G-protein signalling 14
5905	RANGAP1	Ran GTPase activating protein 1
9466	IL27RA	interleukin 27 receptor, alpha
85360	SYDE1	synapse defective 1, Rho GTPase, homolog 1 (C. elegans)
25780	RASGRP3	RAS guanyl releasing protein 3 (calcium and DAG-regulated)
79092	CARD14	caspase recruitment domain family, member 14
150094	SNF1LK	SNF1-like kinase
404033	FLJ34077	weakly similar to zinc finger protein 195
90	ACVR1	activin A receptor, type I
55789	DEPDC1B	DEP domain containing 1B
10276	NET1	neuroepithelial cell transforming gene 1
10133	OPTN	optineurin
2870	GRK6	G protein-coupled receptor kinase 6
64123	ELTD1	EGF, latrophilin and seven transmembrane domain containing 1
10403	KNTC2	kinetochore associated 2
7148	TNXB	tenascin XB
166614	DCAMKL2	doublecortin and CaM kinase-like 2
131566	DCBLD2	discoidin, CUB and LCCL domain containing 2
7097	TLR2	toll-like receptor 2
149111	CNIH3	cornichon homolog 3 (Drosophila)
10818	FRS2	fibroblast growth factor receptor substrate 2
57568	SIPA1L2	signal-induced proliferation-associated 1 like 2
84976	DISP1	dispatched homolog 1 (Drosophila)
5187	PER1	period homolog 1 (Drosophila)
10990	LILRB5	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 5
6850	SYK	spleen tyrosine kinase

5894	RAF1	v-raf-1 murine leukemia viral oncogene homolog 1
660	BMX	BMX non-receptor tyrosine kinase
10044	SH2D3C	SH2 domain containing 3C
64693	CTAGE1	cutaneous T-cell lymphoma-associated antigen 1
22920	KIFAP3	kinesin-associated protein 3
1164	CKS2	CDC28 protein kinase regulatory subunit 2
7984	ARHGEF5	Rho guanine nucleotide exchange factor (GEF) 5
10083	USH1C	Usher syndrome 1C (autosomal recessive, severe)
9815	GIT2	G protein-coupled receptor kinase interactor 2
9063	PIAS2	protein inhibitor of activated STAT, 2
2896	GRN	granulin
89941	RHOT2	ras homolog gene family, member T2
10928	RALBP1	ralA binding protein 1
6574	SLC20A1	solute carrier family 20 (phosphate transporter), member 1
10446	LRRN5	leucine rich repeat neuronal 5
6775	STAT4	signal transducer and activator of transcription 4
9779	TBC1D5	TBC1 domain family, member 5
9547	CXCL14	chemokine (C-X-C motif) ligand 14
8685	MARCO	macrophage receptor with collagenous structure
5152	PDE9A	phosphodiesterase 9A
2557	GABRA4	gamma-aminobutyric acid (GABA) A receptor, alpha 4
8324	FZD7	frizzled homolog 7 (Drosophila)
5027	P2RX7	purinergic receptor P2X, ligand-gated ion channel, 7
3718	JAK3	Janus kinase 3 (a protein tyrosine kinase, leukocyte)
9639	ARHGEF10	Rho guanine nucleotide exchange factor (GEF) 10
10767	HBS1L	HBS1-like (S. cerevisiae)
5597	MAPK6	mitogen-activated protein kinase 6
9927	MFN2	mitofusin 2
5298	PIK4CB	phosphatidylinositol 4-kinase, catalytic, beta polypeptide
10458	BAIAP2	BAI1-associated protein 2
7188	TRAF5	TNF receptor-associated factor 5
9567	GTPBP1	GTP binding protein 1
150209	AIFM3	apoptosis-inducing factor, mitochondrion-associated, 3
1997	ELF1	E74-like factor 1 (ets domain transcription factor)
4599	MX1	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse)
85415	RHPN2	rhopilin, Rho GTPase binding protein 2
1606	DGKA	diacylglycerol kinase, alpha 80kDa
7088	TLE1	transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila)
7356	SCGB1A1	secretoglobin, family 1A, member 1 (uteroglobin)
808	CALM3	calmodulin 3 (phosphorylase kinase, delta)
26578	OSTF1	osteoclast stimulating factor 1
115761	ARL11	ADP-ribosylation factor-like 11
387	RHOA	ras homolog gene family, member A
6009	RHEB	Ras homolog enriched in brain
1410	CRYAB	crystallin, alpha B
113835	ZNF257	zinc finger protein 257
2811	GP1BA	glycoprotein Ib (platelet), alpha polypeptide
51517	NCKIPSD	NCK interacting protein with SH3 domain
7089	TLE2	transducin-like enhancer of split 2 (E(sp1) homolog, Drosophila)
2059	EPS8	epidermal growth factor receptor pathway substrate 8
5822	PWP2	PWP2 periodic tryptophan protein homolog (yeast)
885	CCK	cholecystokinin
377	ARF3	ADP-ribosylation factor 3
28511	NKIRAS2	NFKB inhibitor interacting Ras-like 2
22800	RRAS2	related RAS viral (r-ras) oncogene homolog 2
5996	RGS1	regulator of G-protein signalling 1
91584	PLXNA4B	plexin A4, B
3932	LCK	lymphocyte-specific protein tyrosine kinase
5777	PTPN6	protein tyrosine phosphatase, non-receptor type 6
79798	ARMC5	armadillo repeat containing 5
10512	SEMA3C	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C
9754	STARD8	START domain containing 8
5979	RET	ret proto-oncogene (multiple endocrine neoplasia and medullary thyroid carcinoma 1, Hirschsprung disease)
381	ARF5	ADP-ribosylation factor 5
127829	ARL8A	ADP-ribosylation factor-like 8A
51128	SAR1B	SAR1 gene homolog B (S. cerevisiae)
4049	LTA	lymphotoxin alpha (TNF superfamily, member 1)
400	ARL1	ADP-ribosylation factor-like 1
8837	CFLAR	CASP8 and FADD-like apoptosis regulator
23786	BCL2L13	BCL2-like 13 (apoptosis facilitator)
26060	APPL	adaptor protein containing pH domain, PTB domain and leucine zipper motif 1
7409	VAV1	vav 1 oncogene
9064	MAP3K6	mitogen-activated protein kinase kinase kinase 6
22983	MST1	microtubule associated serine/threonine kinase 1
10025	THRAP5	thyroid hormone receptor associated protein 5

3600	IL15	interleukin 15
54769	DIRAS2	DIRAS family, GTP-binding RAS-like 2
6013	RLN1	relaxin 1
23421	ITGB3BP	integrin beta 3 binding protein (beta3-endonexin)
334	APLP2	amyloid beta (A4) precursor-like protein 2
8767	RIPK2	receptor-interacting serine-threonine kinase 2
5598	MAPK7	mitogen-activated protein kinase 7
204851	HIPK1	homeodomain interacting protein kinase 1
5294	PIK3CG	phosphoinositide-3-kinase, catalytic, gamma polypeptide
10517	FBXW10	F-box and WD-40 domain protein 10
2257	FGF12	fibroblast growth factor 12
5865	RAB3B	RAB3B, member RAS oncogene family
578	BAK1	BCL2-antagonist/killer 1
11075	STMN2	stathmin-like 2
55684	C9orf86	chromosome 9 open reading frame 86
64396	GMCL1L	germ cell-less homolog 1 (Drosophila)-like
9943	OXSRI	oxidative-stress responsive 1
329	BIRC2	baculoviral IAP repeat-containing 2
2908	NR3C1	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)
84812	PLCD4	phospholipase C, delta 4
58484	NLRC4	NLR family, CARD domain containing 4
5158	PDE6B	phosphodiesterase 6B, cGMP-specific, rod, beta (congenital stationary night blindness 3, autosomal dominant)
6447	SCG5	secretogranin V (7B2 protein)
51552	RAB14	RAB14, member RAS oncogene family
2641	GCG	glucagon
1827	DSCR1	Down syndrome critical region gene 1
382	ARF6	ADP-ribosylation factor 6
7205	TRIP6	thyroid hormone receptor interactor 6
7052	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)
29110	TBK1	TANK-binding kinase 1
115704	EVI5L	ecotropic viral integration site 5-like
57679	ALS2	amyotrophic lateral sclerosis 2 (juvenile)
701	BUB1B	BUB1 budding uninhibited by benzimidazoles 1 homolog beta (yeast)
91662	NLRP12	NLR family, pyrin domain containing 12
1649	DDIT3	DNA-damage-inducible transcript 3
375	ARF1	ADP-ribosylation factor 1
5879	RAC1	ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
4218	RAB8A	RAB8A, member RAS oncogene family
5744	PTH1H	parathyroid hormone-like hormone
51130	ASB3	ankyrin repeat and SOCS box-containing 3
373	TRIM23	tripartite motif-containing 23
3728	JUP	junction plakoglobin
119437	CTAGEP	CTAGE family pseudogene
2132	EXT2	exostoses (multiple) 2
51510	CHMP5	chromatin modifying protein 5
84100	ARL6	ADP-ribosylation factor-like 6
9308	CD83	CD83 molecule
5504	PPP1R2	protein phosphatase 1, regulatory (inhibitor) subunit 2
23291	FBXW11	F-box and WD-40 domain protein 11
55296	TBC1D19	TBC1 domain family, member 19
369	ARAF	v-ras murine sarcoma 3611 viral oncogene homolog
9610	RIN1	Ras and Rab interactor 1
9915	ARNT2	aryl-hydrocarbon receptor nuclear translocator 2
9922	IQSEC1	IQ motif and Sec7 domain 1
11069	RAPGEF4	Rap guanine nucleotide exchange factor (GEF) 4
11183	MAP4K5	mitogen-activated protein kinase kinase kinase kinase 5
8204	NRIP1	nuclear receptor interacting protein 1
5336	PLCG2	phospholipase C, gamma 2 (phosphatidylinositol-specific)
51347	TAOK3	TAO kinase 3
2787	GNG5	guanine nucleotide binding protein (G protein), gamma 5
8742	TNFSF12	tumor necrosis factor (ligand) superfamily, member 12
63940	GPSM3	G-protein signalling modulator 3 (AGS3-like, C. elegans)
5899	RALB	v-ras simian leukemia viral oncogene homolog B (ras related; GTP binding protein)
9093	DNAJA3	DnaJ (Hsp40) homolog, subfamily A, member 3
8764	TNFRSF14	tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator)
8440	NCK2	NCK adaptor protein 2
8698	EDG6	endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 6
5168	ENPP2	ectonucleotide pyrophosphatase/phosphodiesterase 2 (autotaxin)
8437	RASAL1	RAS protein activator like 1 (GAP1 like)
6195	RPS6KA1	ribosomal protein S6 kinase, 90kDa, polypeptide 1
118987	PDZD8	PDZ domain containing 8
2791	GNG11	guanine nucleotide binding protein (G protein), gamma 11
23362	PSD3	pleckstrin and Sec7 domain containing 3
51806	CALML5	calmodulin-like 5
326624	RAB37	RAB37, member RAS oncogene family

9112	MTA1	metastasis associated 1
7020	TFAP2A	transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha)
10342	TFG	TRK-fused gene
23360	FNBP4	formin binding protein 4
5159	PDGFRB	platelet-derived growth factor receptor, beta polypeptide
2260	FGFR1	fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome)
155370	SBDSP	Shwachman-Bodian-Diamond syndrome pseudogene
2788	GNG7	guanine nucleotide binding protein (G protein), gamma 7
4286	MITF	microphthalmia-associated transcription factor
54509	RHOF	ras homolog gene family, member F (in filopodia)
65997	RASL11B	RAS-like, family 11, member B
682	BSG	basigin (Ok blood group)
51562	MBIP	MAP3K12 binding inhibitory protein 1
10681	GNB5	guanine nucleotide binding protein (G protein), beta 5
6242	RTKN	rhotekin
8473	OGT	O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase)
3693	ITGB5	integrin, beta 5
5585	PKN1	protein kinase N1
10019	SH2B3	SH2B adaptor protein 3
4852	NPY	neuropeptide Y
2537	IFI6	interferon, alpha-inducible protein 6
5368	PNOC	prepronociceptin
51266	CLEC1B	C-type lectin domain family 1, member B
2771	GNAI2	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2
9630	GNA14	guanine nucleotide binding protein (G protein), alpha 14
1432	MAPK14	mitogen-activated protein kinase 14
5528	PPP2R5D	protein phosphatase 2, regulatory subunit B', delta isoform
9138	ARHGEF1	Rho guanine nucleotide exchange factor (GEF) 1
9372	ZFYVE9	zinc finger, FYVE domain containing 9
7075	TIE1	tyrosine kinase with immunoglobulin-like and EGF-like domains 1
5319	PLA2G1B	phospholipase A2, group IB (pancreas)
55890	GPRC5C	G protein-coupled receptor, family C, group 5, member C
4879	NPPB	natriuretic peptide precursor B
54360	CYTL1	cytokine-like 1
57414	RHBDD2	rhomboid domain containing 2
23647	ARFIP2	ADP-ribosylation factor interacting protein 2 (arfaptin 2)
1459	CSNK2A2	casein kinase 2, alpha prime polypeptide
128637	TBC1D20	TBC1 domain family, member 20
5747	PTK2	PTK2 protein tyrosine kinase 2
488	ATP2A2	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2
9033	PKD2L1	polycystic kidney disease 2-like 1
9765	ZFYVE16	zinc finger, FYVE domain containing 16
6232	RPS27	ribosomal protein S27 (metallopanstimulin 1)
4282	MIF	macrophage migration inhibitory factor (glycosylation-inhibiting factor)
80045	GPR157	G protein-coupled receptor 157
219995	MGC35295	hypothetical protein MGC35295
1392	CRH	corticotropin releasing hormone
307	ANXA4	annexin A4
3597	IL13RA1	interleukin 13 receptor, alpha 1
9908	G3BP2	GTPase activating protein (SH3 domain) binding protein 2
7791	ZYX	zyxin
3683	ITGAL	integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide)
3687	ITGAX	integrin, alpha X (complement component 3 receptor 4 subunit)
558	AXL	AXL receptor tyrosine kinase
2909	GRLF1	glucocorticoid receptor DNA binding factor 1
55114	ARHGAP17	Rho GTPase activating protein 17
50852	TRAT1	T cell receptor associated transmembrane adaptor 1
29121	CLEC2D	C-type lectin domain family 2, member D
8772	FADD	Fas (TNFRSF6)-associated via death domain
219928	MRGPRF	MAS-related GPR, member F
6769	STAC	SH3 and cysteine rich domain
3594	IL12RB1	interleukin 12 receptor, beta 1
7297	TYK2	tyrosine kinase 2
8500	PPFIA1	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 1
9373	PLAA	phospholipase A2-activating protein
3845	KRAS	v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog
8365	HIST1H4H	histone cluster 1, H4h
767	CA8	carbonic anhydrase VIII
970	CD70	CD70 molecule
9022	CLIC3	chloride intracellular channel 3
8614	STC2	stanniocalcin 2
409	ARRB2	arrestin, beta 2
23616	SH3BP1	SH3-domain binding protein 1



80778	ZNF34	zinc finger protein 34
23741	EID1	EP300 interacting inhibitor of differentiation 1
284521	OR2L13	olfactory receptor, family 2, subfamily L, member 13
7048	TGFBR2	transforming growth factor, beta receptor II (70/80kDa)
26716	OR2H1	olfactory receptor, family 2, subfamily H, member 1
2774	GNAL	guanine nucleotide binding protein (G protein), alpha activating activity polypeptide, olfactory type
7525	YES1	v-src-1 Yamaguchi sarcoma viral oncogene homolog 1
9910	RABGAP1L	RAB GTPase activating protein 1-like
57569	ARHGAP20	Rho GTPase activating protein 20
140	ADORA3	adenosine A3 receptor
27297	RCP9	calcitonin gene-related peptide-receptor component protein
1140	CHRNA1	cholinergic receptor, nicotinic, beta 1 (muscle)
27352	RUTBC3	RUN and TBC1 domain containing 3
8743	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10
657	BMPRI1A	bone morphogenetic protein receptor, type IA
8738	CRADD	CASP2 and RIPK1 domain containing adaptor with death domain
5562	PRKAA1	protein kinase, AMP-activated, alpha 1 catalytic subunit
1133	CHRM5	cholinergic receptor, muscarinic 5
6498	SKIL	SKI-like oncogene
2983	GUCY1B3	guanylate cyclase 1, soluble, beta 3
7090	TLE3	transducin-like enhancer of split 3 (E(sp1) homolog, Drosophila)
2913	GRM3	glutamate receptor, metabotropic 3
2564	GABRE	gamma-aminobutyric acid (GABA) A receptor, epsilon
84106	PRAM1	PML-RARA regulated adaptor molecule 1
726	CAPN5	calpain 5
2865	FFAR3	free fatty acid receptor 3
3937	LCP2	lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa)
1442	CSH1	chorionic somatomammotropin hormone 1 (placental lactogen)
2776	GNAAQ	guanine nucleotide binding protein (G protein), q polypeptide
5562	PRKAA1	protein kinase, AMP-activated, alpha 1 catalytic subunit
11213	IRAK3	interleukin-1 receptor-associated kinase 3
23390	ZDHHC17	zinc finger, DHHC-type containing 17
2905	GRIN2C	glutamate receptor, ionotropic, N-methyl D-aspartate 2C
7301	TYRO3	TYRO3 protein tyrosine kinase
83593	RASSF5	Ras association (RalGDS/AF-6) domain family 5
10922	FASTK	Fas-activated serine/threonine kinase
4869	NPM1	nucleophosmin (nucleolar phosphoprotein B23, numatrin)
389	RHOC	ras homolog gene family, member C
7189	TRAF6	TNF receptor-associated factor 6
353149	MGC51025	hypothetical protein MGC51025
5026	P2RX5	purinergic receptor P2X, ligand-gated ion channel, 5
7554	ZNF8	zinc finger protein 8
1272	CNTN1	contactin 1
23560	GTPBP4	GTP binding protein 4
150372	NFAM1	NFAT activating protein with ITAM motif 1
160851	DGKH	diacylglycerol kinase, eta
255426	RASGEF1C	RasGEF domain family, member 1C
1363	CPE	carboxypeptidase E
8326	FZD9	frizzled homolog 9 (Drosophila)
3164	NR4A1	nuclear receptor subfamily 4, group A, member 1
7179	TPTE	transmembrane phosphatase with tensin homology
9450	LY86	lymphocyte antigen 86
2742	GLRA2	glycine receptor, alpha 2
2359	FPRL2	formyl peptide receptor-like 2
23385	NCSTN	nicastatin
9886	RHOBTB1	Rho-related BTB domain containing 1
10566	AKAP3	A kinase (PRKA) anchor protein 3
6009	RHEB	Ras homolog enriched in brain
83871	RAB34	RAB34, member RAS oncogene family
6714	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)
25928	SOSTDC1	sclerostin domain containing 1
4916	NRK3	neurotrophic tyrosine kinase, receptor, type 3
127247	ASB17	ankyrin repeat and SOCS box-containing 17
9364	RAB28	RAB28, member RAS oncogene family
1809	DPYSL3	dihydropyrimidinase-like 3
340307	CTAGE6	CTAGE family, member 6
9712	USP6NL	USP6 N-terminal like
91608	RASL10B	RAS-like, family 10, member B
56674	TMEM9B	TMEM9 domain family, member B
8611	PPAP2A	phosphatidic acid phosphatase type 2A
55023	PHIP	pleckstrin homology domain interacting protein
7130	TNFAIP6	tumor necrosis factor, alpha-induced protein 6
11069	RAPGEF4	Rap guanine nucleotide exchange factor (GEF) 4
91319	DERL3	Der1-like domain family, member 3
6457	SH3GL3	SH3-domain GRB2-like 3
54361	WNT4	wingless-type MMTV integration site family, member 4

2781	GNAZ	guanine nucleotide binding protein (G protein), alpha z polypeptide
257019	FRMD3	FERM domain containing 3
2861	GPR37	G protein-coupled receptor 37 (endothelin receptor type B-like)
56674	TMEM9B	TMEM9 domain family, member B
3146	HMGB1	high-mobility group box 1
56896	DPYSL5	dihydropyrimidinase-like 5
64283	RGNEF	Rho-guanine nucleotide exchange factor
4724	NDUFS4	NADH dehydrogenase (ubiquinone) Fe-S protein 4, 18kDa (NADH-coenzyme Q reductase)
9702	CEP57	centrosomal protein 57kDa
9021	SOCS3	suppressor of cytokine signaling 3
10316	NMUR1	neuromedin U receptor 1
7786	MAP3K12	mitogen-activated protein kinase kinase kinase 12
10580	SORBS1	sorbin and SH3 domain containing 1
5791	PTPRE	protein tyrosine phosphatase, receptor type, E
153743	PPP1R2P3	protein phosphatase 1, regulatory (inhibitor) subunit 2 pseudogene 3
261734	NPHP4	nephronophthisis 4
29883	CNOT7	CCR4-NOT transcription complex, subunit 7
5746	PTH2R	parathyroid hormone receptor 2
94	ACVRL1	activin A receptor type II-like 1
1890	ECGF1	endothelial cell growth factor 1 (platelet-derived)
9852	EPM2AIP1	EPM2A (laforin) interacting protein 1
9989	PPP4R1	protein phosphatase 4, regulatory subunit 1
51285	RASL12	RAS-like, family 12
27237	ARHGEF16	Rho guanine exchange factor (GEF) 16
658	BMPR1B	bone morphogenetic protein receptor, type IB
4059	BCAM	basal cell adhesion molecule (Lutheran blood group)
347694	ECEL1P2	endothelin converting enzyme-like 1, pseudogene 2
5333	PLCD1	phospholipase C, delta 1
4983	OPHN1	oligophrenin 1
5023	P2RX1	purinergic receptor P2X, ligand-gated ion channel, 1
154043	CNKSR3	CNKSR family member 3
9213	XPR1	xenotropic and polytropic retrovirus receptor
8874	ARHGEF7	Rho guanine nucleotide exchange factor (GEF) 7
3667	IRS1	insulin receptor substrate 1
51256	TBC1D7	TBC1 domain family, member 7
51176	LEF1	lymphoid enhancer-binding factor 1
59343	SEN2	SUMO1/sentrin/SMT3 specific peptidase 2
51473	DCDC2	doublecortin domain containing 2
5586	PKN2	protein kinase N2
5871	MAP4K2	mitogen-activated protein kinase kinase kinase kinase 2
27201	GPR78	G protein-coupled receptor 78
122809	SOCS4	suppressor of cytokine signaling 4
7474	WNT5A	wingless-type MMTV integration site family, member 5A
23178	PASK	PAS domain containing serine/threonine kinase
57533	TBC1D14	TBC1 domain family, member 14
254263	CNIH2	cornichon homolog 2 (Drosophila)
398	ARHGDIG	Rho GDP dissociation inhibitor (GDI) gamma
286530	P2RY8	purinergic receptor P2Y, G-protein coupled, 8
80824	DUSP16	dual specificity phosphatase 16
8986	RPS6KA4	ribosomal protein S6 kinase, 90kDa, polypeptide 4
117157	SH2D1B	SH2 domain containing 1B
83605	CCM2	cerebral cavernous malformation 2
3921	RPSA	ribosomal protein SA
374403	TBC1D10C	TBC1 domain family, member 10C
5915	RARB	retinoic acid receptor, beta
10571	SMA3	SMA3
81035	COLEC12	collectin sub-family member 12
406	ARNTL	aryl hydrocarbon receptor nuclear translocator-like
10316	NMUR1	neuromedin U receptor 1
5972	REN	renin
7133	TNFRSF1B	tumor necrosis factor receptor superfamily, member 1B
8036	SHOC2	soc-2 suppressor of clear homolog (C. elegans)
208	AKT2	v-akt murine thymoma viral oncogene homolog 2
978	CDA	cytidine deaminase
53829	P2RY13	purinergic receptor P2Y, G-protein coupled, 13
1903	EDG3	endothelial differentiation, sphingolipid G-protein-coupled receptor, 3
2078	ERG	v-ets erythroblastosis virus E26 oncogene homolog (avian)
330	BIRC3	baculoviral IAP repeat-containing 3
22808	MRAS	muscle RAS oncogene homolog
5879	RAC1	ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
3921	RPSA	ribosomal protein SA
4088	SMAD3	SMAD family member 3
10454	MAP3K7IP1	mitogen-activated protein kinase kinase kinase 7 interacting protein 1
54620	FBXL19	F-box and leucine-rich repeat protein 19
7422	VEGFA	vascular endothelial growth factor A
57381	RHOJ	ras homolog gene family, member J

6609	SMPD1	sphingomyelin phosphodiesterase 1, acid lysosomal (acid sphingomyelinase)
405	ARNT	aryl hydrocarbon receptor nuclear translocator
5469	PPARBP	PPAR binding protein
2185	PTK2B	PTK2B protein tyrosine kinase 2 beta
10288	LILRB2	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2
916	CD3E	CD3e molecule, epsilon (CD3-TCR complex)
23089	PEG10	paternally expressed 10
10002	NR2E3	nuclear receptor subfamily 2, group E, member 3
23636	NUP62	nucleoporin 62kDa
29117	BRD7	bromodomain containing 7
10268	RAMP3	receptor (G protein-coupled) activity modifying protein 3
5891	RAGE	renal tumor antigen
51098	IFT52	intraflagellar transport 52 homolog (Chlamydomonas)
6344	SCTR	secretin receptor
7421	VDR	vitamin D (1,25- dihydroxyvitamin D3) receptor
1672	DEFB1	defensin, beta 1
8626	TP73L	tumor protein p73-like
114898	C1QTNF2	C1q and tumor necrosis factor related protein 2
79602	ADIPOR2	adiponectin receptor 2
27334	P2RY10	purinergic receptor P2Y, G-protein coupled, 10
9068	ANGPTL1	angiopoietin-like 1
51701	NLK	nemo-like kinase
7301	TYRO3	TYRO3 protein tyrosine kinase
2675	GFRA2	GNDF family receptor alpha 2
9938	ARHGAP25	Rho GTPase activating protein 25
10379	ISGF3G	interferon-stimulated transcription factor 3, gamma 48kDa
8633	UNC5C	unc-5 homolog C (C. elegans)
2015	EMR1	egf-like module containing, mucin-like, hormone receptor-like 1
64284	RAB17	RAB17, member RAS oncogene family
1855	DVL1	dishevelled, dsh homolog 1 (Drosophila)
8550	MAPKAPK5	mitogen-activated protein kinase-activated protein kinase 5
5582	PRKCG	protein kinase C, gamma
57506	VISA	virus-induced signaling adapter
4790	NFKB1	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105)
10633	RASL10A	RAS-like, family 10, member A
3082	HGF	hepatocyte growth factor (hepapoietin A; scatter factor)
5724	PTAFR	platelet-activating factor receptor
9437	NCR1	natural cytotoxicity triggering receptor 1
374403	TBC1D10C	TBC1 domain family, member 10C
1082	CGB	chorionic gonadotropin, beta polypeptide
1936	EEF1D	eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein)
7185	TRAF1	TNF receptor-associated factor 1
26118	WSB1	WD repeat and SOCS box-containing 1
6364	CCL20	chemokine (C-C motif) ligand 20
8605	PLA2G4C	phospholipase A2, group IVC (cytosolic, calcium-independent)
9180	OSMR	oncostatin M receptor
10971	YWHAQ	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide
55423	SIRPG	signal-regulatory protein gamma
22900	CARD8	caspase recruitment domain family, member 8
158763	RP13-102H20.1	hypothetical protein FLJ30058
8490	RGS5	regulator of G-protein signalling 5
57121	GPR92	G protein-coupled receptor 92
81472	OR2C3	olfactory receptor, family 2, subfamily C, member 3
29967	LRP12	low density lipoprotein-related protein 12
121504	HIST4H4	histone cluster 4, H4
26191	PTPN22	protein tyrosine phosphatase, non-receptor type 22 (lymphoid)
3641	INSL4	insulin-like 4 (placenta)
8915	BCL10	B-cell CLL/lymphoma 10
25989	ULK3	unc-51-like kinase 3 (C. elegans)
5602	MAPK10	mitogen-activated protein kinase 10
23210	PTDSR	phosphatidylserine receptor
140459	ASB6	ankyrin repeat and SOCS box-containing 6
64231	MS4A6A	membrane-spanning 4-domains, subfamily A, member 6A
8681	PLA2G4B	phospholipase A2, group IVB (cytosolic)
64805	P2RY12	purinergic receptor P2Y, G-protein coupled, 12
29034	PRO0132	PRO0132 protein
10892	MALT1	mucosa associated lymphoid tissue lymphoma translocation gene 1
4068	SH2D1A	SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome)
27306	PGDS	prostaglandin D2 synthase, hematopoietic
1192	CLIC1	chloride intracellular channel 1
5565	PRKAB2	protein kinase, AMP-activated, beta 2 non-catalytic subunit
9209	LRRFIP2	leucine rich repeat (in FLII) interacting protein 2
10617	STAMBP	STAM binding protein
55635	DEPDC1	DEP domain containing 1
30851	TAX1BP3	Tax1 (human T-cell leukemia virus type I) binding protein 3
2773	GNAI3	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3

898	CCNE1	cyclin E1
8877	SPHK1	sphingosine kinase 1
10301	DLEU1	deleted in lymphocytic leukemia, 1
1081	CGA	glycoprotein hormones, alpha polypeptide
2243	FGA	fibrinogen alpha chain
7253	TSHR	thyroid stimulating hormone receptor
29767	TMOD2	tropomodulin 2 (neuronal)
23308	ICOSLG	inducible T-cell co-stimulator ligand
7535	ZAP70	zeta-chain (TCR) associated protein kinase 70kDa
6198	RPS6KB1	ribosomal protein S6 kinase, 70kDa, polypeptide 1
56940	DUSP22	dual specificity phosphatase 22
4982	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)
3622	ING2	inhibitor of growth family, member 2
497661	LOC497661	putative NFkB activating protein
6356	CCL11	chemokine (C-C motif) ligand 11
10875	FGL2	fibrinogen-like 2
10261	IGSF6	immunoglobulin superfamily, member 6
8601	RGS20	regulator of G-protein signalling 20
11247	NXPH4	neurexophilin 4
10276	NET1	neuroepithelial cell transforming gene 1
6866	TAC3	tachykinin 3 (neuromedin K, neurokinin beta)
55647	RAB20	RAB20, member RAS oncogene family
51466	EVL	Enah/Vasp-like
81285	OR51E2	olfactory receptor, family 51, subfamily E, member 2
9093	DNAJA3	DnaJ (Hsp40) homolog, subfamily A, member 3
400713	LOC400713	zinc finger-like
10268	RAMP3	receptor (G protein-coupled) activity modifying protein 3
8839	WISP2	WNT1 inducible signaling pathway protein 2
10750	GRAP	GRB2-related adaptor protein
307	ANXA4	annexin A4
6424	SFRP4	secreted frizzled-related protein 4
54503	ZDHHC13	zinc finger, DHHC-type containing 13
10326	SIRPB1	signal-regulatory protein beta 1
117581	TWIST2	twist homolog 2 (Drosophila)
595	CCND1	cyclin D1
23543	RBM9	RNA binding motif protein 9
9765	ZFYVE16	zinc finger, FYVE domain containing 16
137196	CCDC26	coiled-coil domain containing 26
27128	PSCD4	pleckstrin homology, Sec7 and coiled-coil domains 4
8839	WISP2	WNT1 inducible signaling pathway protein 2
117194	MRGPRX2	MAS-related GPR, member X2
3556	IL1RAP	interleukin 1 receptor accessory protein
1808	DPYSL2	dihydropyrimidinase-like 2
972	CD74	CD74 molecule, major histocompatibility complex, class II invariant chain
4258	MGST2	microsomal glutathione S-transferase 2
51129	ANGPTL4	angiopoietin-like 4
347734	SLC35B2	solute carrier family 35, member B2
9730	VPRBP	Vpr (HIV-1) binding protein
6997	TDGF1	teratocarcinoma-derived growth factor 1
117157	SH2D1B	SH2 domain containing 1B
51762	RAB8B	RAB8B, member RAS oncogene family
84932	RAB2B	RAB2B, member RAS oncogene family
3123	HLA-DRB1	major histocompatibility complex, class II, DR beta 1
177	AGER	advanced glycosylation end product-specific receptor
5733	PTGER3	prostaglandin E receptor 3 (subtype EP3)
84932	RAB2B	RAB2B, member RAS oncogene family
1839	HBEGF	heparin-binding EGF-like growth factor
7077	TIMP2	TIMP metalloproteinase inhibitor 2
23403	FBXO46	F-box protein 46
5520	PPP2R2A	protein phosphatase 2 (formerly 2A), regulatory subunit B, alpha isoform
8368	HIST1H4L	histone cluster 1, H4l
7252	TSHB	thyroid stimulating hormone, beta
9241	NOG	noggin
64407	RGS18	regulator of G-protein signalling 18
2532	DARC	Duffy blood group, chemokine receptor
53831	GPR84	G protein-coupled receptor 84
2857	GPR34	G protein-coupled receptor 34
4283	CXCL9	chemokine (C-X-C motif) ligand 9
3821	KLRC1	killer cell lectin-like receptor subfamily C, member 1
166824	RASSF6	Ras association (RalGDS/AF-6) domain family 6
57485	ATXN7L1	ataxin 7-like 1
10420	TESK2	testis-specific kinase 2
6369	CCL24	chemokine (C-C motif) ligand 24
64780	MICAL1	microtubule associated monooxygenase, calponin and LIM domain containing 1
51338	MS4A4A	membrane-spanning 4-domains, subfamily A, member 4
83661	MS4A8B	membrane-spanning 4-domains, subfamily A, member 8B

9173	IL1RL1	interleukin 1 receptor-like 1
4055	LTBR	lymphotoxin beta receptor (TNFR superfamily, member 3)
6777	STAT5B	signal transducer and activator of transcription 5B
283	ANG	angiogenin, ribonuclease, RNase A family, 5
834	CASP1	caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase)
10253	SPRY2	sprouty homolog 2 (Drosophila)
3805	KIR2DL4	killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 4
8793	TNFRSF10D	tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain
23268	DNMBP	dynamin binding protein
6773	STAT2	signal transducer and activator of transcription 2, 113kDa
1193	CLIC2	chloride intracellular channel 2
83464	APH1B	anterior pharynx defective 1 homolog B (C. elegans)
301	ANXA1	annexin A1
2923	PDIA3	protein disulfide isomerase family A, member 3
5295	PIK3R1	phosphoinositide-3-kinase, regulatory subunit 1 (p85 alpha)
9113	LATS1	LATS, large tumor suppressor, homolog 1 (Drosophila)
60401	EDA2R	ectodysplasin A2 receptor
7477	WNT7B	wingless-type MMTV integration site family, member 7B
26297	SERGEF	secretion regulating guanine nucleotide exchange factor
3357	HTR2B	5-hydroxytryptamine (serotonin) receptor 2B
8359	HIST1H4A	histone cluster 1, H4a
2520	GAST	gastrin
29992	PILRA	paired immunoglobulin-like type 2 receptor alpha
26269	FBXO8	F-box protein 8
1880	EBI2	Epstein-Barr virus induced gene 2 (lymphocyte-specific G protein-coupled receptor)
2719	GPC3	glypican 3
388558	ZNF808	zinc finger protein 808
53916	RAB4B	RAB4B, member RAS oncogene family
3581	IL9R	interleukin 9 receptor
1230	CCR1	chemokine (C-C motif) receptor 1
11245	GPR176	G protein-coupled receptor 176
2147	F2	coagulation factor II (thrombin)
1760	DMPK	dystrophin myotonic-protein kinase
2050	EPHB4	EPH receptor B4
54210	TREM1	triggering receptor expressed on myeloid cells 1
3082	HGF	hepatocyte growth factor (hepapoietin A; scatter factor)
84870	RSP03	R-spondin 3 homolog (Xenopus laevis)
166647	GPR125	G protein-coupled receptor 125
27329	ANGPTL3	angiopoietin-like 3
11163	NUDT4	nudix (nucleoside diphosphate linked moiety X)-type motif 4
23786	BCL2L13	BCL2-like 13 (apoptosis facilitator)
2873	GPS1	G protein pathway suppressor 1
6242	RTKN	rotenone
28964	GIT1	G protein-coupled receptor kinase interactor 1
8366	HIST1H4B	histone cluster 1, H4b
5617	PRL	prolactin
55600	ITLN1	intelectin 1 (galactofuranose binding)
10673	TNFSF13B	tumor necrosis factor (ligand) superfamily, member 13b
719	C3AR1	complement component 3a receptor 1
26959	HBP1	HMG-box transcription factor 1
259	AMBP	alpha-1-microglobulin/bikunin precursor
2870	GRK6	G protein-coupled receptor kinase 6
23542	MAPK8IP2	mitogen-activated protein kinase 8 interacting protein 2
81844	TRIM56	tripartite motif-containing 56
64780	MICAL1	microtubule associated monooxygenase, calponin and LIM domain containing 1
58475	MS4A7	membrane-spanning 4-domains, subfamily A, member 7
2219	FCN1	ficollin (collagen/fibrinogen domain containing) 1
56670	SUCNR1	succinate receptor 1
91614	DEPDC7	DEP domain containing 7
55843	ARHGAP15	Rho GTPase activating protein 15
162989	DEDD2	death effector domain containing 2
197	AHSG	alpha-2-HS-glycoprotein
2869	GRK5	G protein-coupled receptor kinase 5
6907	TBL1X	transducin (beta)-like 1X-linked
5149	PDE6H	phosphodiesterase 6H, cGMP-specific, cone, gamma
6362	CCL18	chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated)
6846	XCL2	chemokine (C motif) ligand 2
2668	GDNF	glial cell derived neurotrophic factor
10748	KLRA1	killer cell lectin-like receptor subfamily A, member 1
50836	TAS2R8	taste receptor, type 2, member 8
4993	OR2C1	olfactory receptor, family 2, subfamily C, member 1
9970	NR1I3	nuclear receptor subfamily 1, group I, member 3
1142	CHRNA3	cholinergic receptor, nicotinic, beta 3
3356	HTR2A	5-hydroxytryptamine (serotonin) receptor 2A
10633	RASL10A	RAS-like, family 10, member A
414060	TBC1D3C	TBC1 domain family, member 3C

10252	SPRY1	sprouty homolog 1, antagonist of FGF signaling (Drosophila)
5914	RARA	retinoic acid receptor, alpha
2034	EPAS1	endothelial PAS domain protein 1
767	CA8	carbonic anhydrase VIII
4142	MAS1	MAS1 oncogene
245802	MS4A6E	membrane-spanning 4-domains, subfamily A, member 6E
2829	XCR1	chemokine (C motif) receptor 1
3354	HTR1E	5-hydroxytryptamine (serotonin) receptor 1E
5023	P2RX1	purinergic receptor P2X, ligand-gated ion channel, 1
83550	GPR101	G protein-coupled receptor 101
26979	PABPCP2	poly(A) binding protein, cytoplasmic, pseudogene 2
10270	AKAP8	A kinase (PRKA) anchor protein 8
4239	MFAP4	microfibrillar-associated protein 4
55023	PHIP	pleckstrin homology domain interacting protein
1673	DEFB4	defensin, beta 4
54900	LAX1	lymphocyte transmembrane adaptor 1
4908	NTF3	neurotrophin 3
3952	LEP	leptin (obesity homolog, mouse)
2838	GPR15	G protein-coupled receptor 15
92	ACVR2A	activin A receptor, type IIA
10142	AKAP9	A kinase (PRKA) anchor protein (yotiao) 9
196	AHR	aryl hydrocarbon receptor
55844	PPP2R2D	protein phosphatase 2, regulatory subunit B, delta isoform
11035	RIPK3	receptor-interacting serine-threonine kinase 3
154	ADRB2	adrenergic, beta-2-, receptor, surface
8361	HIST1H4F	histone cluster 1, H4f
3562	IL3	interleukin 3 (colony-stimulating factor, multiple)
4254	KITLG	KIT ligand
158800	OTEX	paired-like homeobox protein OTEX
51554	CCRL1	chemokine (C-C motif) receptor-like 1
8111	GPR68	G protein-coupled receptor 68
1269	CNR2	cannabinoid receptor 2 (macrophage)
10411	RAPGEF3	Rap guanine nucleotide exchange factor (GEF) 3
5727	PTCH1	patched homolog 1 (Drosophila)
57019	CIAPIN1	cytokine induced apoptosis inhibitor 1
5739	PTGIR	prostaglandin I2 (prostacyclin) receptor (IP)
6733	SRPK2	SFRS protein kinase 2
796	CALCA	calcitonin/calcitonin-related polypeptide, alpha
687	KLF9	Kruppel-like factor 9
50838	TAS2R13	taste receptor, type 2, member 13
7200	TRH	thyrotropin-releasing hormone
9293	GPR52	G protein-coupled receptor 52
1142	CHRNB3	cholinergic receptor, nicotinic, beta 3
27299	ADAMDEC1	ADAM-like, decysin 1
8874	ARHGEF7	Rho guanine nucleotide exchange factor (GEF) 7
5792	PTPRF	protein tyrosine phosphatase, receptor type, F
5032	P2RY11	purinergic receptor P2Y, G-protein coupled, 11
1270	CNTF	ciliary neurotrophic factor
6778	STAT6	signal transducer and activator of transcription 6, interleukin-4 induced
8995	TNFSF18	tumor necrosis factor (ligand) superfamily, member 18
54429	TAS2R5	taste receptor, type 2, member 5
114131	UCN3	urocortin 3 (stresscopin)
566	AZU1	azurocidin 1 (cationic antimicrobial protein 37)
89778	SERPINB11	serpin peptidase inhibitor, clade B (ovalbumin), member 11
5062	PAK2	p21 (CDKN1A)-activated kinase 2
8809	IL18R1	interleukin 18 receptor 1
11214	AKAP13	A kinase (PRKA) anchor protein 13
10395	DLC1	deleted in liver cancer 1
7128	TNFAIP3	tumor necrosis factor, alpha-induced protein 3
55586	MIOX	myo-inositol oxygenase
2549	GAB1	GRB2-associated binding protein 1
9350	CER1	cerberus 1, cysteine knot superfamily, homolog (Xenopus laevis)
51471	NAT8B	N-acetyltransferase 8B (gene/pseudogene)
50604	IL20	interleukin 20
9350	CER1	cerberus 1, cysteine knot superfamily, homolog (Xenopus laevis)
56603	CYP26B1	cytochrome P450, family 26, subfamily B, polypeptide 1
55507	GPRC5D	G protein-coupled receptor, family C, group 5, member D
4159	MC3R	melanocortin 3 receptor
2893	GRIA4	glutamate receptor, ionotropic, AMPA 4
472	ATM	ataxia telangiectasia mutated (includes complementation groups A, C and D)
3084	NRG1	neuregulin 1
767	CA8	carbonic anhydrase VIII
2695	GIP	gastric inhibitory polypeptide
9350	CER1	cerberus 1, cysteine knot superfamily, homolog (Xenopus laevis)
10251	SPRY3	sprouty homolog 3 (Drosophila)
5771	PTPN2	protein tyrosine phosphatase, non-receptor type 2

10803	CCR9	chemokine (C-C motif) receptor 9
116511	MAS1L	MAS1 oncogene-like
5662	PSD	pleckstrin and Sec7 domain containing
83478	ARHGAP24	Rho GTPase activating protein 24
9034	CCRL2	chemokine (C-C motif) receptor-like 2
117195	MRGPRX3	MAS-related GPR, member X3
11221	DUSP10	dual specificity phosphatase 10
2832	NPBWR2	neuropeptides B/W receptor 2
2832	NPBWR2	neuropeptides B/W receptor 2
3558	IL2	interleukin 2
2781	GNAZ	guanine nucleotide binding protein (G protein), alpha z polypeptide
10135	PBEF1	pre-B-cell colony enhancing factor 1
92	ACVR2A	activin A receptor, type IIA
3516	RBPSUH	recombining binding protein suppressor of hairless (Drosophila)
5792	PTPRF	protein tyrosine phosphatase, receptor type, F
55357	TBC1D2	TBC1 domain family, member 2
64344	HIF3A	hypoxia inducible factor 3, alpha subunit
8605	PLA2G4C	phospholipase A2, group IVC (cytosolic, calcium-independent)
84218	TBC1D3	TBC1 domain family, member 3
2825	GPR1	G protein-coupled receptor 1
185	AGTR1	angiotensin II receptor, type 1
3676	ITGA4	integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)
64170	CARD9	caspase recruitment domain family, member 9
10936	GPR75	G protein-coupled receptor 75
23092	ARHGAP26	Rho GTPase activating protein 26
6375	XCL1	chemokine (C motif) ligand 1
10160	FARP1	FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived)
140458	ASB5	ankyrin repeat and SOCS box-containing 5
55423	SIRPG	signal-regulatory protein gamma
54331	GNG2	guanine nucleotide binding protein (G protein), gamma 2
780	DDR1	discoidin domain receptor family, member 1
5337	PLD1	phospholipase D1, phosphatidylcholine-specific
394	ARHGAP5	Rho GTPase activating protein 5
2828	GPR4	G protein-coupled receptor 4
10010	TANK	TRAF family member-associated NFKB activator
8491	MAP4K3	mitogen-activated protein kinase kinase kinase kinase 3
1809	DPYSL3	dihydropyrimidinase-like 3
284802	MGC72104	similar to FRG1 protein (FSHD region gene 1 protein)
23580	CDC42EP4	CDC42 effector protein (Rho GTPase binding) 4
1233	CCR4	chemokine (C-C motif) receptor 4
5580	PRKCD	protein kinase C, delta
9824	ARHGAP11A	Rho GTPase activating protein 11A
59067	IL21	interleukin 21
9293	GPR52	G protein-coupled receptor 52
5577	PRKAR2B	protein kinase, cAMP-dependent, regulatory, type II, beta
2048	EPHB2	EPH receptor B2
3575	IL7R	interleukin 7 receptor
286	ANK1	ankyrin 1, erythrocytic
9113	LATS1	LATS, large tumor suppressor, homolog 1 (Drosophila)
137196	CCDC26	coiled-coil domain containing 26
915	CD3D	CD3d molecule, delta (CD3-TCR complex)
23643	LY96	lymphocyte antigen 96
1278	COL1A2	collagen, type I, alpha 2
11250	GPR45	G protein-coupled receptor 45
3565	IL4	interleukin 4
3593	IL12B	interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40)
1133	CHRM5	cholinergic receptor, muscarinic 5
284	ANGPT1	angiopoietin 1
283	ANG	angiogenin, ribonuclease, RNase A family, 5
112744	IL17F	interleukin 17F
64759	TNS3	tensin 3
2888	GRB14	growth factor receptor-bound protein 14
8839	WISP2	WNT1 inducible signaling pathway protein 2
9681	DEPDC5	DEP domain containing 5
8294	HIST1H4I	histone cluster 1, H4i
221938	MMD2	monocyte to macrophage differentiation-associated 2
10888	GPR83	G protein-coupled receptor 83
672	BRCA1	breast cancer 1, early onset
3554	IL1R1	interleukin 1 receptor, type I
6868	ADAM17	ADAM metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme)
10025	THRAP5	thyroid hormone receptor associated protein 5
3458	IFNG	interferon, gamma
27197	GPR82	G protein-coupled receptor 82
8412	BCAR3	breast cancer anti-estrogen resistance 3
79822	ARHGAP28	Rho GTPase activating protein 28

57231	SNX14	sorting nexin 14
59067	IL21	interleukin 21
2844	GPR21	G protein-coupled receptor 21
81876	RAB1B	RAB1B, member RAS oncogene family
472	ATM	ataxia telangiectasia mutated (includes complementation groups A, C and D)
55114	ARHGAP17	Rho GTPase activating protein 17
3084	NRG1	neuregulin 1
3925	STMN1	stathmin 1/oncoprotein 18
959	CD40LG	CD40 ligand (TNF superfamily, member 5, hyper-IgM syndrome)
10144	FAM13A1	family with sequence similarity 13, member A1
659	BMPR2	bone morphogenetic protein receptor, type II (serine/threonine kinase)
5187	PER1	period homolog 1 (Drosophila)
6997	TDGF1	teratocarcinoma-derived growth factor 1
9293	GPR52	G protein-coupled receptor 52
84218	TBC1D3	TBC1 domain family, member 3
83873	GPR61	G protein-coupled receptor 61
4739	NEDD9	neural precursor cell expressed, developmentally down-regulated 9
9639	ARHGEF10	Rho guanine nucleotide exchange factor (GEF) 10
4035	LRP1	low density lipoprotein-related protein 1 (alpha-2-macroglobulin receptor)
7145	TNS1	tensin 1
127255	LRRC44	leucine rich repeat containing 44
257019	FRMD3	FERM domain containing 3
7484	WNT9B	wingless-type MMTV integration site family, member 9B
2255	FGF10	fibroblast growth factor 10
5563	PRKAA2	protein kinase, AMP-activated, alpha 2 catalytic subunit
1902	EDG2	endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 2
10922	FASTK	Fas-activated serine/threonine kinase
3576	IL8	interleukin 8
10044	SH2D3C	SH2 domain containing 3C
9912	KIAA0672	KIAA0672 gene product
440456	LOC440456	similar to pleckstrin homology domain containing, family M (with RUN domain) member 1; adapter protein 162
91419	XRCC6BP1	XRCC6 binding protein 1
9546	APBA3	amyloid beta (A4) precursor protein-binding, family A, member 3 (X11-like 2)
4922	NTS	neurotensin
65125	WNK1	WNK lysine deficient protein kinase 1
4651	MYO10	myosin X
2797	GNRH2	gonadotropin-releasing hormone 2
4846	NOS3	nitric oxide synthase 3 (endothelial cell)
2982	GUCY1A3	guanylate cyclase 1, soluble, alpha 3
25776	CBY1	chibby homolog 1 (Drosophila)
9465	AKAP7	A kinase (PRKA) anchor protein 7
9364	RAB28	RAB28, member RAS oncogene family
9034	CCRL2	chemokine (C-C motif) receptor-like 2
79444	BIRC7	baculoviral IAP repeat-containing 7 (livin)
10981	RAB32	RAB32, member RAS oncogene family
3821	KLRC1	killer cell lectin-like receptor subfamily C, member 1
1455	CSNK1G2	casein kinase 1, gamma 2
7248	TSC1	tuberous sclerosis 1
64284	RAB17	RAB17, member RAS oncogene family
221472	FGD2	FYVE, RhoGEF and PH domain containing 2
56923	NMUR2	neuromedin U receptor 2
54849	FLJ20186	hypothetical protein FLJ20186
4828	NMB	neuromedin B
1176	AP3S1	adaptor-related protein complex 3, sigma 1 subunit
2207	FCER1G	Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide
3597	IL13RA1	interleukin 13 receptor, alpha 1
51009	DERL2	Der1-like domain family, member 2
1837	DTNA	dystrobrevin, alpha
8567	MADD	MAP-kinase activating death domain
221472	FGD2	FYVE, RhoGEF and PH domain containing 2
51463	GPR89A	G protein-coupled receptor 89A
2846	GPR23	G protein-coupled receptor 23
64232	MS4A5	membrane-spanning 4-domains, subfamily A, member 5
10615	SPAG5	sperm associated antigen 5
22861	NLRP1	NLR family, pyrin domain containing 1
974	CD79B	CD79b molecule, immunoglobulin-associated beta
11123	DSCR1L2	Down syndrome critical region gene 1-like 2
56961	SHD	Src homology 2 domain containing transforming protein D
1457	CSNK2A1	casein kinase 2, alpha 1 polypeptide
5998	RGS3	regulator of G-protein signalling 3
23263	MCF2L	MCF.2 cell line derived transforming sequence-like
4855	NOTCH4	Notch homolog 4 (Drosophila)
8200	GDF5	growth differentiation factor 5 (cartilage-derived morphogenetic protein-1)
84290	CAPNS2	calpain, small subunit 2
5598	MAPK7	mitogen-activated protein kinase 7



29984	RHOD	ras homolog gene family, member D
6781	STC1	stanniocalcin 1
10637	LEFTY1	left-right determination factor 1
2274	FHL2	four and a half LIM domains 2
924	CD7	CD7 molecule
1910	EDNRB	endothelin receptor type B
9126	SMC3	structural maintenance of chromosomes 3
26166	RGS22	regulator of G-protein signalling 22
5781	PTPN11	protein tyrosine phosphatase, non-receptor type 11 (Noonan syndrome 1)
23236	PLCB1	phospholipase C, beta 1 (phosphoinositide-specific)
1453	CSNK1D	casein kinase 1, delta
334	APLP2	amyloid beta (A4) precursor-like protein 2
9306	SOCS6	suppressor of cytokine signaling 6
7124	TNF	tumor necrosis factor (TNF superfamily, member 2)
640	BLK	B lymphoid tyrosine kinase
930	CD19	CD19 molecule
1388	CREBL1	cAMP responsive element binding protein-like 1
83874	TBC1D10A	TBC1 domain family, member 10A
2792	GNGT1	guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 1
4867	NPHP1	nephronophthisis 1 (juvenile)
8877	SPHK1	sphingosine kinase 1
4660	PPP1R12B	protein phosphatase 1, regulatory (inhibitor) subunit 12B
27133	KCNH5	potassium voltage-gated channel, subfamily H (eag-related), member 5
27289	RND1	Rho family GTPase 1
5877	RABIF	RAB interacting factor
162989	DEDD2	death effector domain containing 2
10769	PLK2	polo-like kinase 2 (Drosophila)
9158	FIBP	fibroblast growth factor (acidic) intracellular binding protein
115827	RAB3C	RAB3C, member RAS oncogene family
53347	UBASH3A	ubiquitin associated and SH3 domain containing, A
127255	LRRRC44	leucine rich repeat containing 44
391257	SUMO1P1	SUMO1 pseudogene 1
9844	ELMO1	engulfment and cell motility 1
10458	BAIAP2	BAI1-associated protein 2
5536	PPP5C	protein phosphatase 5, catalytic subunit
57826	RAP2C	RAP2C, member of RAS oncogene family
4915	NTRK2	neurotrophic tyrosine kinase, receptor, type 2
3654	IRAK1	interleukin-1 receptor-associated kinase 1
3248	HPGD	hydroxyprostaglandin dehydrogenase 15-(NAD)
4869	NPM1	nucleophosmin (nucleolar phosphoprotein B23, numatrin)
1813	DRD2	dopamine receptor D2
26575	RGS17	regulator of G-protein signalling 17
1072	CFL1	cofilin 1 (non-muscle)
9138	ARHGEF1	Rho guanine nucleotide exchange factor (GEF) 1
9440	CRSP6	cofactor required for Sp1 transcriptional activation, subunit 6, 77kDa
30819	KCNIP2	Kv channel interacting protein 2
1241	LTB4R	leukotriene B4 receptor
51523	CXXC5	CXXC finger 5
5296	PIK3R2	phosphoinositide-3-kinase, regulatory subunit 2 (p85 beta)
4692	NDN	necdin homolog (mouse)
537	ATP6AP1	ATPase, H <sup>+</sup> transporting, lysosomal accessory protein 1
6885	MAP3K7	mitogen-activated protein kinase kinase kinase 7
6923	TCEB2	transcription elongation factor B, 2
55336	FBXL8	F-box and leucine-rich repeat protein 8
84261	FBXW9	F box and WD 40 domain protein 9
54328	GPR173	G protein-coupled receptor 173
4919	ROR1	receptor tyrosine kinase-like orphan receptor 1
5923	RASGRF1	Ras protein-specific guanine nucleotide-releasing factor 1
9182	PAMCI	peptidylglycine alpha-amidating monooxygenase COOH-terminal interactor
356	FASLG	Fas ligand (TNF superfamily, member 6)
3588	IL10RB	interleukin 10 receptor, beta
51026	GOLT1B	golgi transport 1 homolog B (S. cerevisiae)
10817	FRS3	fibroblast growth factor receptor substrate 3
308	ANXA5	annexin A5
10491	CRTAP	cartilage associated protein
11031	RAB31	RAB31, member RAS oncogene family
595	CCND1	cyclin D1
6693	SPN	sialophorin (leukosialin, CD43)
306	ANXA3	annexin A3
8717	TRADD	TNFRSF1A-associated via death domain
7423	VEGFB	vascular endothelial growth factor B
10293	TRAI	TRAF interacting protein
1500	CTNND1	catenin (cadherin-associated protein), delta 1