

Megakaryome: "Training Genes"

Megakaryome		
Entrez Gene ID	Gene Symbol	Gene Name
2	A2M	alpha-2-macroglobulin
19	ABCA1	ATP-binding cassette, sub-family A (ABC1), member 1
64240	ABCG5	ATP-binding cassette, sub-family G (WHITE), member 5
64241	ABCG8	ATP-binding cassette, sub-family G (WHITE), member 8
28976	ACAD9	acyl-CoA dehydrogenase family, member 9
43	ACHE	acetylcholinesterase
87	ACTN1	actinin, alpha 1
88	ACTN2	actinin, alpha 2
81	ACTN4	actinin, alpha 4
100	ADA	adenosine deaminase
102	ADAM10	ADAM metallopeptidase domain 10
6868	ADAM17	ADAM metallopeptidase domain 17
11093	ADAMTS13	ADAM metallopeptidase with thrombospondin type 1 motif, 13
118	ADD1	adducin 1 (alpha)
135	ADORA2A	adenosine A2a receptor
207	AKT1	v-akt murine thymoma viral oncogene homolog 1
208	AKT2	v-akt murine thymoma viral oncogene homolog 2
10000	AKT3	v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma)
213	ALB	albumin
226	ALDOA	aldolase A, fructose-bisphosphate
239	ALOX12	arachidonate 12-lipoxygenase
310	ANXA7	annexin A7
8546	AP3B1	adaptor-related protein complex 3, beta 1 subunit
8943	AP3D1	adaptor-related protein complex 3, delta 1 subunit
335	APOA1	apolipoprotein A-I
348	APOE	apolipoprotein E
351	APP	amyloid beta (A4) precursor protein
5926	ARID4A	AT rich interactive domain 4A (RBP1-like)
51742	ARID4B	AT rich interactive domain 4B (RBP1-like)
406	ARNTL	aryl hydrocarbon receptor nuclear translocator-like
406216	ATFB1	Atrial fibrillation, familial 1
545	ATR	ataxia telangiectasia and Rad3 related
751798	AUNX1	auditory neuropathy, X-linked recessive 1
572	BAD	BCL2-associated agonist of cell death
578	BAK1	BCL2-antagonist/killer 1
55024	BANK1	B-cell scaffold protein with ankyrin repeats 1
596	BCL2	B-cell CLL/lymphoma 2
598	BCL2L1	BCL2-like 1
10018	BCL2L11	BCL2-like 11 (apoptosis facilitator)
599	BCL2L2	BCL2-like 2
659	BMPR2	bone morphogenetic protein receptor, type II (serine/threonine kinase)
665	BNIP3L	BCL2/adenovirus E1B 19kDa interacting protein 3-like
27154	BRPF3	bromodomain and PHD finger containing, 3
695	BTK	Bruton agammaglobulinemia tyrosine kinase
56244	BTNL2	butyrophilin-like 2 (MHC class II associated)
701	BUB1B	budding uninhibited by benzimidazoles 1 homolog beta (yeast)
56652	C10orf2	chromosome 10 open reading frame 2
56913	C1GALT1	core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase, 1
720	C4A	complement component 4A (Rodgers blood group)
801	CALM1	calmodulin 1 (phosphorylase kinase, delta)
805	CALM2	calmodulin 2 (phosphorylase kinase, delta)
808	CALM3	calmodulin 3 (phosphorylase kinase, delta)

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813	CALU	calumenin
10487	CAP1	CAP, adenylate cyclase-associated protein 1 (yeast)
823	CAPN1	calpain 1, (mu/I) large subunit
843	CASP10	caspace 10, apoptosis-related cysteine peptidase
836	CASP3	caspace 3, apoptosis-related cysteine peptidase
842	CASP9	caspace 9, apoptosis-related cysteine peptidase
9139	CBFA2T2	core-binding factor, runt domain, alpha subunit 2; translocated to, 2
863	CBFA2T3	core-binding factor, runt domain, alpha subunit 2; translocated to, 3
865	CBFB	core-binding factor, beta subunit
867	CBL	Cas-Br-M (murine) ecotropic retroviral transforming sequence
875	CBS	cystathionine-beta-synthase
6352	CCL5	chemokine (C-C motif) ligand 5
8900	CCNA1	cyclin A1
896	CCND3	cyclin D3
9134	CCNE2	cyclin E2
948	CD36	CD36 molecule (thrombospondin receptor)
959	CD40LG	CD40 ligand
4179	CD46	CD46 molecule, complement regulatory protein
1604	CD55	CD55 molecule, decay accelerating factor for complement (Cromer blood group)
966	CD59	CD59 molecule, complement regulatory protein
967	CD63	CD63 molecule
928	CD9	CD9 molecule
1017	CDK2	cyclin-dependent kinase 2
1021	CDK6	cyclin-dependent kinase 6
1027	CDKN1B	cyclin-dependent kinase inhibitor 1B (p27, Kip1)
1028	CDKN1C	cyclin-dependent kinase inhibitor 1C (p57, Kip2)
1029	CDKN2A	cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)
1030	CDKN2B	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)
1675	CFD	complement factor D (adipsin)
3075	CFH	complement factor H
3078	CFHR1	complement factor H-related 1
10878	CFHR3	complement factor H-related 3
3426	CFI	complement factor I
1072	CFL1	cofilin 1 (non-muscle)
1080	CFTR	cystic fibrosis transmembrane conductance regulator (ATP-binding cassette sub-family C, member 7)
1106	CHD2	chromodomain helicase DNA binding protein 2
1186	CLCN7	chloride channel 7
51266	CLEC1B	C-type lectin domain family 1, member B
1192	CLIC1	chloride intracellular channel 1
1191	CLU	clusterin
55330	CNO	cappuccino homolog (mouse)
1277	COL1A1	collagen, type I, alpha 1
1278	COL1A2	collagen, type I, alpha 2
1287	COL4A5	collagen, type IV, alpha 5
11330	CTRC	chymotrypsin C (caldecrin)
1511	CTSG	cathepsin G
8451	CUL4A	cullin 4A
2919	CXCL1	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)
747	DAGLA	diacylglycerol lipase, alpha
221955	DAGLB	diacylglycerol lipase, beta
114086	DBA2	Diamond-Blackfan anemia 2
64421	DCLRE1C	DNA cross-link repair 1C
1606	DGKA	diacylglycerol kinase, alpha 80kDa
1607	DGKB	diacylglycerol kinase, beta 90kDa

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8527	DGKD	diacylglycerol kinase, delta 130kDa
8526	DGKE	diacylglycerol kinase, epsilon 64kDa
1608	DGKG	diacylglycerol kinase, gamma 90kDa
160851	DGKH	diacylglycerol kinase, eta
9162	DGKI	diacylglycerol kinase, iota
139189	DGKK	diacylglycerol kinase, kappa
1609	DGKQ	diacylglycerol kinase, theta 110kDa
8525	DGKZ	diacylglycerol kinase, zeta
1716	DGUOK	deoxyguanosine kinase
23405	DICER1	dicer 1, ribonuclease type III
11083	DIDO1	death inducer-obliterator 1
1736	DKC1	dyskeratosis congenita 1, dyskerin
1773	DNASE1	deoxyribonuclease I
85440	DOCK7	dedicator of cytokinesis 7
9046	DOK2	docking protein 2, 56kDa
84062	DTNBP1	dystrobrevin binding protein 1
8056	ECB2	erythrocytosis, autosomal recessive benign 2
1950	EGF	epidermal growth factor
1958	EGR1	early growth response 1
1991	ELANE	elastase, neutrophil expressed
2006	ELN	elastin
953	ENTPD1	ectonucleoside triphosphate diphosphohydrolase 1
2033	EP300	E1A binding protein p300
57634	EP400	E1A binding protein p400
2052	EPHX1	epoxide hydrolase 1, microsomal (xenobiotic)
2057	EPOR	erythropoietin receptor
2078	ERG	v-ets erythroblastosis virus E26 oncogene homolog (avian)
2100	ESR2	estrogen receptor 2 (ER beta)
2120	ETV6	ets variant 6
2162	F13A1	coagulation factor XIII, A1 polypeptide
2147	F2	coagulation factor II (thrombin)
2149	F2R	coagulation factor II (thrombin) receptor
2151	F2RL2	coagulation factor II (thrombin) receptor-like 2
9002	F2RL3	coagulation factor II (thrombin) receptor-like 3
2153	F5	coagulation factor V (proaccelerin, labile factor)
2157	F8	coagulation factor VIII, procoagulant component
9415	FADS2	fatty acid desaturase 2
2175	FANCA	Fanconi anemia, complementation group A
2176	FANCC	Fanconi anemia, complementation group C
2177	FANCD2	Fanconi anemia, complementation group D2
2178	FANCE	Fanconi anemia, complementation group E
355	FAS	Fas (TNF receptor superfamily, member 6)
356	FASLG	Fas ligand (TNF superfamily, member 6)
2207	FCER1G	Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide
2213	FCGR2B	Fc fragment of IgG, low affinity IIb, receptor (CD32)
9103	FCGR2C	Fc fragment of IgG, low affinity IIc, receptor for (CD32) (gene/pseudogene)
2214	FCGR3A	Fc fragment of IgG, low affinity IIIa, receptor (CD16a)
83706	FERMT3	fermitin family member 3
2242	FES	feline sarcoma oncogene
2243	FGA	fibrinogen alpha chain
2244	FGB	fibrinogen beta chain
2247	FGF2	fibroblast growth factor 2 (basic)
2266	FGG	fibrinogen gamma chain
2277	FIGF	c-fos induced growth factor (vascular endothelial growth factor D)
2313	FLI1	Friend leukemia virus integration 1

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2316	FLNA	filamin A, alpha
2335	FN1	fibronectin 1
2353	FOS	FBJ murine osteosarcoma viral oncogene homolog
8456	FOXP1	forkhead box N1
50943	FOXP3	forkhead box P3
84434	FTX	Thrombocytosis, familial X-linked
2529	FUT7	fucosyltransferase 7 (alpha (1,3) fucosyltransferase)
2533	FYB	FYN binding protein
2534	FYN	FYN oncogene related to SRC, FGR, YES
92579	G6PC3	glucose 6 phosphatase, catalytic, 3
2581	GALC	galactosylceramidase
2621	GAS6	growth arrest-specific 6
2623	GATA1	GATA binding protein 1 (globin transcription factor 1)
2629	GBA	glucosidase, beta, acid
2672	GFI1	growth factor independent 1 transcription repressor
8328	GFI1B	growth factor independent 1B transcription repressor
55340	GIMAP5	GTPase, IMAP family member 5
2702	GJA5	gap junction protein, alpha 5, 40kDa
2767	GNA11	guanine nucleotide binding protein (G protein), alpha 11 (Gq class)
2768	GNA12	guanine nucleotide binding protein (G protein) alpha 12
10672	GNA13	guanine nucleotide binding protein (G protein), alpha 13
9630	GNA14	guanine nucleotide binding protein (G protein), alpha 14
2769	GNA15	guanine nucleotide binding protein (G protein), alpha 15 (Gq class)
2770	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1
2771	GNAI2	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2
2773	GNAI3	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3
2776	GNAQ	guanine nucleotide binding protein (G protein), q polypeptide
2781	GNAZ	guanine nucleotide binding protein (G protein), alpha z polypeptide
2782	GNB1	guanine nucleotide binding protein (G protein), beta polypeptide 1
2783	GNB2	guanine nucleotide binding protein (G protein), beta polypeptide 2
2784	GNB3	guanine nucleotide binding protein (G protein), beta polypeptide 3
59345	GNB4	guanine nucleotide binding protein (G protein), beta polypeptide 4
10681	GNB5	guanine nucleotide binding protein (G protein), beta 5
2790	GNG10	guanine nucleotide binding protein (G protein), gamma 10
2791	GNG11	guanine nucleotide binding protein (G protein), gamma 11
55970	GNG12	guanine nucleotide binding protein (G protein), gamma 12
51764	GNG13	guanine nucleotide binding protein (G protein), gamma 13
54331	GNG2	guanine nucleotide binding protein (G protein), gamma 2
2785	GNG3	guanine nucleotide binding protein (G protein), gamma 3
2786	GNG4	guanine nucleotide binding protein (G protein), gamma 4
2787	GNG5	guanine nucleotide binding protein (G protein), gamma 5
2788	GNG7	guanine nucleotide binding protein (G protein), gamma 7
94235	GNG8	guanine nucleotide binding protein (G protein), gamma 8
2792	GNGT1	guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 1
2793	GNGT2	guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2
2811	GP1BA	glycoprotein Ib (platelet), alpha polypeptide
2812	GP1BB	glycoprotein Ib (platelet), beta polypeptide
2814	GP5	glycoprotein V (platelet)
51206	GP6	glycoprotein VI (platelet)
2815	GP9	glycoprotein IX (platelet)
2876	GPX1	glutathione peroxidase 1
2934	GSN	gelsolin
2969	GTF2I	general transcription factor Iii

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9569	GTF2IRD1	GTF2I repeat domain containing 1
2982	GUCY1A3	guanylate cyclase 1, soluble, alpha 3
2983	GUCY1B3	guanylate cyclase 1, soluble, beta 3
22927	HABP4	hyaluronan binding protein 4
3040	HBA2	hemoglobin, alpha 2
3050	HBZ	hemoglobin, zeta
3082	HGF	hepatocyte growth factor (hepapoietin A; scatter factor)
3117	HLA-DQA1	major histocompatibility complex, class II, DQ alpha 1
3119	HLA-DQB1	major histocompatibility complex, class II, DQ beta 1
3123	HLA-DRB1	major histocompatibility complex, class II, DR beta 1
3141	HLCS	holocarboxylase synthetase (biotin-(propionyl-CoA-carboxylase (ATP-hydrolysing)) ligase)
3207	HOXA11	homeobox A11
27259	HPLH1	hemophagocytic lymphohistiocytosis 1
3257	HPS1	Hermansky-Pudlak syndrome 1
84343	HPS3	Hermansky-Pudlak syndrome 3
89781	HPS4	Hermansky-Pudlak syndrome 4
11234	HPS5	Hermansky-Pudlak syndrome 5
79803	HPS6	Hermansky-Pudlak syndrome 6
3273	HRG	histidine-rich glycoprotein
3309	HSPA5	heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)
8692	HYAL2	hyaluronoglucosaminidase 2
3384	ICAM2	intercellular adhesion molecule 2
3479	IGF1	insulin-like growth factor 1 (somatomedin C)
8517	IKBKG	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma
3589	IL11	interleukin 11
3590	IL11RA	interleukin 11 receptor, alpha
3553	IL1B	interleukin 1, beta
3554	IL1R1	interleukin 1 receptor, type I
3561	IL2RG	interleukin 2 receptor, gamma
3563	IL3RA	interleukin 3 receptor, alpha (low affinity)
3569	IL6	interleukin 6 (interferon, beta 2)
3570	IL6R	interleukin 6 receptor
3572	IL6ST	interleukin 6 signal transducer (gp130, oncostatin M receptor)
3576	IL8	interleukin 8
3635	INPP5D	inositol polyphosphate-5-phosphatase, 145kDa
8268	IPOX	Intestinal pseudoobstruction, neuronal, primary idiopathic
3394	IRF8	interferon regulatory factor 8
3673	ITGA2	integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)
3674	ITGA2B	integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41)
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)
3688	ITGB1	integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
3689	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and 4 subunit)
3690	ITGB3	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)
3702	ITK	IL2-inducible T-cell kinase
3708	ITPR1	inositol 1,4,5-triphosphate receptor, type 1
3709	ITPR2	inositol 1,4,5-triphosphate receptor, type 2
3710	ITPR3	inositol 1,4,5-triphosphate receptor, type 3
3712	IVD	isovaleryl-CoA dehydrogenase
3717	JAK2	Janus kinase 2
3720	JARID2	jumonji, AT rich interactive domain 2
3719	JBS	Jacobsen syndrome

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3727	JUND	jun D proto-oncogene
9992	KCNE2	potassium voltage-gated channel, Isk-related family, member 2
3784	KCNQ1	potassium voltage-gated channel, KQT-like subfamily, member 1
3815	KIT	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
3826	KMS	Kabuki mental retardation syndrome
3827	KNG1	kininogen 1
3920	LAMP2	lysosomal-associated membrane protein 2
27040	LAT	linker for activation of T cells
3930	LBR	lamin B receptor
3937	LCP2	lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa)
7044	LEFTY2	left-right determination factor 2
3976	LIF	leukemia inhibitory factor (cholinergic differentiation factor)
55788	LMBRD1	LMBR1 domain containing 1
4005	LMO2	LIM domain only 2 (rhombotin-like 1)
4067	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog
1130	LYST	lysosomal trafficking regulator
4097	MAFG	v-maf musculoaponeurotic fibrosarcoma oncogene homolog G (avian)
1432	MAPK14	mitogen-activated protein kinase 14
84930	MASTL	microtubule associated serine/threonine kinase-like
4170	MCL1	myeloid cell leukemia sequence 1 (BCL2-related)
4194	MDM4	Mdm4 p53 binding protein homolog (mouse)
2122	MECOM	MDS1 and EVI1 complex locus
5469	MED1	mediator complex subunit 1
4211	MEIS1	Meis homeobox 1
4223	MEOX2	mesenchyme homeobox 2
10461	MERTK	c-mer proto-oncogene tyrosine kinase
4237	MFAP2	microfibrillar-associated protein 2
11343	MGLL	monoglyceride lipase
4297	MLL	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)
55904	MLL5	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila)
166785	MMAA	methylmalonic aciduria (cobalamin deficiency) cblA type
326625	MMAB	methylmalonic aciduria (cobalamin deficiency) cblB type
25974	MMACHC	methylmalonic aciduria (cobalamin deficiency) cblC type, with homocystinuria
4318	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)
22915	MMRN1	multimerin 1
4351	MPI	mannose phosphate isomerase
4352	MPL	myeloproliferative leukemia virus oncogene
4358	MPV17	MpV17 mitochondrial inner membrane protein
4594	MUT	methylmalonyl CoA mutase
63915	MUTED	muted homolog (mouse)
4598	MVK	mevalonate kinase
4602	MYB	v-myb myeloblastosis viral oncogene homolog (avian)
4609	MYC	v-myc myelocytomatosis viral oncogene homolog (avian)
4627	MYH9	myosin, heavy chain 9, non-muscle
4683	NBN	nibrin
10397	NDRG1	N-myc downstream regulated 1
4778	NFE2	nuclear factor (erythroid-derived 2), 45kDa
4780	NFE2L2	nuclear factor (erythroid-derived 2)-like 2
55651	NHP2	NHP2 ribonucleoprotein homolog (yeast)
25836	NIPBL	Nipped-B homolog (Drosophila)
114548	NLRP3	NLR family, pyrin domain containing 3
64127	NOD2	nucleotide-binding oligomerization domain containing 2
55505	NOP10	NOP10 ribonucleoprotein homolog (yeast)
4843	NOS2	nitric oxide synthase 2, inducible
4846	NOS3	nitric oxide synthase 3 (endothelial cell)

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4869	NPM1	nucleophosmin (nucleolar phosphoprotein B23, numatrin)
1728	NQO1	NAD(P)H dehydrogenase, quinone 1
4835	NQO2	NAD(P)H dehydrogenase, quinone 2
4907	NT5E	5'-nucleotidase, ecto (CD73)
84876	ORAI1	ORAI calcium release-activated calcium modulator 1
9180	OSMR	oncostatin M receptor
28962	OSTM1	osteopetrosis associated transmembrane protein 1
5023	P2RX1	purinergic receptor P2X, ligand-gated ion channel, 1
5028	P2RY1	purinergic receptor P2Y, G-protein coupled, 1
64805	P2RY12	purinergic receptor P2Y, G-protein coupled, 12
5095	PCCA	propionyl CoA carboxylase, alpha polypeptide
5096	PCCB	propionyl CoA carboxylase, beta polypeptide
5133	PDCD1	programmed cell death 1
5154	PDGFA	platelet-derived growth factor alpha polypeptide
5155	PDGFB	platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog)
56034	PDGFC	platelet derived growth factor C
5159	PDGFRB	platelet-derived growth factor receptor, beta polypeptide
5170	PDPK1	3-phosphoinositide dependent protein kinase-1
5175	PECAM1	platelet/endothelial cell adhesion molecule
5177	PEE1	preeclampsia/eclampsia 1
5196	PF4	platelet factor 4
5216	PFN1	profilin 1
5238	PGM3	phosphoglucomutase 3
26227	PHGDH	phosphoglycerate dehydrogenase
93183	PIGM	phosphatidylinositol glycan anchor biosynthesis, class M
5287	PIK3C2B	phosphoinositide-3-kinase, class 2, beta polypeptide
5290	PIK3CA	phosphoinositide-3-kinase, catalytic, alpha polypeptide
5291	PIK3CB	phosphoinositide-3-kinase, catalytic, beta polypeptide
5293	PIK3CD	phosphoinositide-3-kinase, catalytic, delta polypeptide
5294	PIK3CG	phosphoinositide-3-kinase, catalytic, gamma polypeptide
5295	PIK3R1	phosphoinositide-3-kinase, regulatory subunit 1 (alpha)
23533	PIK3R5	phosphoinositide-3-kinase, regulatory subunit 5
146850	PIK3R6	phosphoinositide-3-kinase, regulatory subunit 6
415116	PIM3	pim-3 oncogene
23396	PIP5K1C	phosphatidylinositol-4-phosphate 5-kinase, type I, gamma
5309	PITX3	paired-like homeodomain 3
5321	PLA2G4A	phospholipase A2, group IVA (cytosolic, calcium-dependent)
5327	PLAT	plasminogen activator, tissue
5331	PLCB3	phospholipase C, beta 3 (phosphatidylinositol-specific)
5336	PLCG2	phospholipase C, gamma 2 (phosphatidylinositol-specific)
26258	PLDN	pallidin homolog (mouse)
5341	PLEK	pleckstrin
5340	PLG	plasminogen
5373	PMM2	phosphomannomutase 2
4860	PNP	purine nucleoside phosphorylase
440915	POTEKP	POTE ankyrin domain family, member K, pseudogene
5473	PPBP	pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)
5478	PPIA	peptidylprolyl isomerase A (cyclophilin A)
5578	PRKCA	protein kinase C, alpha
5579	PRKCB	protein kinase C, beta
5582	PRKCG	protein kinase C, gamma
5588	PRKCQ	protein kinase C, theta
5590	PRKCZ	protein kinase C, zeta
5624	PROC	protein C (inactivator of coagulation factors Va and VIIIa)

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10544	PROCR	protein C receptor, endothelial
5627	PROS1	protein S (alpha)
5644	PRSS1	protease, serine, 1 (trypsin 1)
5660	PSAP	prosaposin
9051	PSTPIP1	proline-serine-threonine phosphatase interacting protein 1
5739	PTGIR	prostaglandin I2 (prostacyclin) receptor (IP)
5742	PTGS1	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)
5743	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)
5781	PTPN11	protein tyrosine phosphatase, non-receptor type 11
26191	PTPN22	protein tyrosine phosphatase, non-receptor type 22 (lymphoid)
5780	PTPN9	protein tyrosine phosphatase, non-receptor type 9
9232	PTTG1	pituitary tumor-transforming 1
5873	RAB27A	RAB27A, member RAS oncogene family
5874	RAB27B	RAB27B, member RAS oncogene family
5875	RABGGTA	Rab geranylgeranyltransferase, alpha subunit
10111	RAD50	RAD50 homolog (<i>S. cerevisiae</i>)
5896	RAG1	recombination activating gene 1
5897	RAG2	recombination activating gene 2
5908	RAP1B	RAP1B, member of RAS oncogene family
5921	RASA1	RAS p21 protein activator (GTPase activating protein) 1
10235	RASGRP2	RAS guanyl releasing protein 2 (calcium and DAG-regulated)
5925	RB1	retinoblastoma 1
149041	RC3H1	ring finger and CCCH-type domains 1
6045	RNF2	ring finger protein 2
6223	RPS19	ribosomal protein S19
861	RUNX1	runt-related transcription factor 1
57167	SALL4	sal-like 4 (<i>Drosophila</i>)
51119	SBDS	Shwachman-Bodian-Diamond syndrome
950	SCARB2	scavenger receptor class B, member 2
29106	SCG3	secretogranin III
6403	SELP	selectin P (granule membrane protein 140kDa, antigen CD62)
29843	SENP1	SUMO1/sentrin specific peptidase 1
5413	SEPT5	septin 5
5265	SERPINA1	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1
5055	SERPINB2	serpin peptidase inhibitor, clade B (ovalbumin), member 2
462	SERPINC1	serpin peptidase inhibitor, clade C (antithrombin), member 1
3053	SERPIND1	serpin peptidase inhibitor, clade D (heparin cofactor), member 1
5054	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
5345	SERPINF2	serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2
710	SERPING1	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1
10019	SH2B3	SH2B adaptor protein 3
4068	SH2D1A	SH2 domain containing 1A
140885	SIRPA	signal-regulatory protein alpha
10560	SLC19A2	solute carrier family 19 (thiamine transporter), member 2
81031	SLC2A10	solute carrier family 2 (facilitated glucose transporter), member 10
10559	SLC35A1	solute carrier family 35 (CMP-sialic acid transporter), member A1
340146	SLC35D3	solute carrier family 35, member D3
113235	SLC46A1	solute carrier family 46 (folate transporter), member 1
6521	SLC4A1	solute carrier family 4, anion exchanger, member 1 (erythrocyte membrane protein band 3, Diego blood group)
8671	SLC4A4	solute carrier family 4, sodium bicarbonate cotransporter, member 4

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23657	SLC7A11	solute carrier family 7, (cationic amino acid transporter, y+ system) member 11
9056	SLC7A7	solute carrier family 7 (cationic amino acid transporter, y+ system), member 7
7833	SLEB1	systemic lupus erythematosus susceptibility 1
64695	SLEB3	systemic lupus erythematosus susceptibility 3
404714	SLEB4	systemic lupus erythematosus, susceptibility to, 4
100188798	SLEB5	Systemic lupus erythematosus, susceptibility to, 5
170682	SLEH1	systemic lupus erythematosus with hemolytic anemia 1
6590	SLPI	secretory leukocyte peptidase inhibitor
4093	SMAD9	SMAD family member 9
50485	SMARCAL1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a-like 1
6591	SNAI2	snail homolog 2 (Drosophila)
8651	SOCS1	suppressor of cytokine signaling 1
6647	SOD1	superoxide dismutase 1, soluble
64321	SOX17	SRY (sex determining region Y)-box 17
6678	SPARC	secreted protein, acidic, cysteine-rich (osteonectin)
6690	SPINK1	serine peptidase inhibitor, Kazal type 1
200734	SPRED2	sprouty-related, EVH1 domain containing 2
84727	SPSB2	splA/ryanodine receptor domain and SOCS box containing 2
6714	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)
5552	SRGN	serglycin
6484	ST3GAL4	ST3 beta-galactoside alpha-2,3-sialyltransferase 4
6772	STAT1	signal transducer and activator of transcription 1, 91kDa
6774	STAT3	signal transducer and activator of transcription 3 (acute-phase response factor)
6775	STAT4	signal transducer and activator of transcription 4
6776	STAT5A	signal transducer and activator of transcription 5A
55240	STEAP3	STEAP family member 3
6786	STIM1	stromal interaction molecule 1
6794	STK11	serine/threonine kinase 11
219736	STOX1	storkhead box 1
6810	STX4	syntaxin 4
6814	STXBP3	syntaxin binding protein 3
8803	SUCLA2	succinate-CoA ligase, ADP-forming, beta subunit
6783	SULT1E1	sulfotransferase family 1E, estrogen-preferring, member 1
23512	SUZ12	suppressor of zeste 12 homolog (Drosophila)
6850	SYK	spleen tyrosine kinase
6886	TAL1	T-cell acute lymphocytic leukemia 1
100034701	TAR	Thrombocytopenia-absent radius syndrome
6915	TBXA2R	thromboxane A2 receptor
6916	TBXAS1	thromboxane A synthase 1 (platelet)
10312	TCIRG1	T-cell, immune regulator 1, ATPase, H+ transporting, lysosomal V0 subunit A3
6948	TCN2	transcobalamin II
140892	TCPT	thrombocytopenia, Paris-Trousseau type
7006	TEC	tec protein tyrosine kinase
7012	TERC	telomerase RNA component
7015	TERT	telomerase reverse transcriptase
7018	TF	transferrin
7040	TGFB1	transforming growth factor, beta 1
7042	TGFB2	transforming growth factor, beta 2
7043	TGFB3	transforming growth factor, beta 3
7057	THBS1	thrombospondin 1
7058	THBS2	thrombospondin 2
7059	THBS3	thrombospondin 3
7060	THBS4	thrombospondin 4
7066	THPO	thrombopoietin

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7076	TIMP1	TIMP metalloproteinase inhibitor 1
26277	TINF2	TERF1 (TRF1)-interacting nuclear factor 2
7084	TK2	thymidine kinase 2, mitochondrial
7094	TLN1	talin 1
7114	TMSB4X	thymosin beta 4, X-linked
8600	TNFSF11	tumor necrosis factor (ligand) superfamily, member 11
146691	TOM1L2	target of myb1-like 2 (chicken)
7172	TPMT	thiopurine S-methyltransferase
340205	TREML1	triggering receptor expressed on myeloid cells-like 1
11277	TREX1	three prime repair exonuclease 1
340348	TSPAN33	tetraspanin 33
57217	TTC7A	tetratricopeptide repeat domain 7A
7273	TTN	titin
7277	TUBA4A	tubulin, alpha 4a
81027	TUBB1	tubulin, beta 1
57045	TWSG1	twisted gastrulation homolog 1 (Drosophila)
201294	UNC13D	unc-13 homolog D (C. elegans)
7390	UROS	uroporphyrinogen III synthase
11274	USP18	ubiquitin specific peptidase 18
9341	VAMP3	vesicle-associated membrane protein 3 (cellubrevin)
8673	VAMP8	vesicle-associated membrane protein 8 (endobrevin)
7408	VASP	vasodilator-stimulated phosphoprotein
7409	VAV1	vav 1 guanine nucleotide exchange factor
7410	VAV2	vav 2 guanine nucleotide exchange factor
10451	VAV3	vav 3 guanine nucleotide exchange factor
7414	VCL	vinculin
7422	VEGFA	vascular endothelial growth factor A
7423	VEGFB	vascular endothelial growth factor B
7424	VEGFC	vascular endothelial growth factor C
7428	VHL	von Hippel-Lindau tumor suppressor
65082	VPS33A	vacuolar protein sorting 33 homolog A (S. cerevisiae)
7448	VTN	vitronectin
7450	VWF	von Willebrand factor
7454	WAS	Wiskott-Aldrich syndrome (eczema-thrombocytopenia)
9948	WDR1	WD repeat domain 1
7466	WFS1	Wolfram syndrome 1 (wolframin)
80149	ZC3H12A	zinc finger CCCH-type containing 12A
678	ZFP36L2	zinc finger protein 36, C3H type-like 2
161882	ZFPM1	zinc finger protein, multitype 1
25946	ZNF385A	zinc finger protein 385A