

<b>GeneSymbol</b>	<b>Gene description</b>
AASS	aminoadipate-semialdehyde synthase
ACVR1	activin A receptor, type I
ADAM15	ADAM metallopeptidase domain 15 (metargidin)
ADH7	alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide amylo-1, 6-glucosidase, 4-alpha-glucanotransferase (glycogen debranching enzyme, glycogen storage disease type III)
AGL	
AKAP12	A kinase (PRKA) anchor protein (gravin) 12
AKR1B10	aldo-keto reductase family 1, member B10 (aldose reductase)
	aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II)
AKR1C3	
ALDH1A1	aldehyde dehydrogenase 1 family, member A1
ALDH2	aldehyde dehydrogenase 2 family (mitochondrial)
ALDH3A2	aldehyde dehydrogenase 3 family, member A2
ALS2CL	ALS2 C-terminal like
ALS2CR3	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 3
AMACR	alpha-methylacetyl-CoA racemase
ANXA1	annexin A1
AOX1	aldehyde oxidase 1
	amyloid beta (A4) precursor protein-binding, family B, member 1 interacting protein
APBB1IP	
APOBEC1	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1
APOE	apolipoprotein E
APS	adaptor protein with pleckstrin homology and src homology 2 domains
AQP1	aquaporin 1 (channel-forming integral protein, 28kDa)
ARG1	arginase, liver
ARHGDIB	Rho GDP dissociation inhibitor (GDI) beta
ASF1A	ASF1 anti-silencing function 1 homolog A (S. cerevisiae)
ATF3	activating transcription factor 3
ATF4	activating transcription factor 4 (tax-responsive enhancer element B67) Caution, check this probeset carefully. This probeset may detect an unusual splice variant, alternate termination site, or extended transcript of
	ataxia telangiectasia mutated
ATM	
ATP6V0B	ATPase, H <sup>+</sup> transporting, lysosomal 21kDa, V0 subunit c"
AXL	AXL receptor tyrosine kinase
B3GALT2	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 2
BAX	BCL2-associated X protein
BCAT1	branched chain aminotransferase 1, cytosolic
BCKDHA	branched chain keto acid dehydrogenase E1, alpha polypeptide
BMX	BMX non-receptor tyrosine kinase
C1QA	complement component 1, q subcomponent, alpha polypeptide
C1QB	complement component 1, q subcomponent, beta polypeptide
CACNA1S	calcium channel, voltage-dependent, L type, alpha 1S subunit
CALCR	calcitonin receptor
CAPG	capping protein (actin filament), gelsolin-like
CASK	calcium/calmodulin-dependent serine protein kinase (MAGUK family)

CAT	catalase
CBR1	carbonyl reductase 1 Caution, check this probeset carefully. This probeset may detect an unusual splice variant, alternate termination site, or extended transcript of
CCKAR	cholecystokinin A receptor
CCL7	chemokine (C-C motif) ligand 7
CCR1	chemokine (C-C motif) receptor 1
CCR2	chemokine (C-C motif) receptor 2
CCS	copper chaperone for superoxide dismutase
CD3E	CD3E antigen, epsilon polypeptide (TiT3 complex)
CDC7	CDC7 cell division cycle 7 ( <i>S. cerevisiae</i> )
CDH15	cadherin 15, M-cadherin (myotubule)
CEBPB	CCAAT/enhancer binding protein (C/EBP), beta
CENTB2	centaurin, beta 2 cystic fibrosis transmembrane conductance regulator (ATP-binding cassette sub-family C, member 7)
CFTR	
CHML	choroideremia-like (Rab escort protein 2)
CIDEB	cell death-inducing DFFA-like effector b Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 1
CITED1	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2
CITED2	
CLEC4E	C-type lectin domain family 4, member E
CNR1	cannabinoid receptor 1 (brain)
COL1A1	collagen, type I, alpha 1 Caution, check this probeset carefully. This probeset may detect an alternate termination site or extended transcript of collagen, type III, alpha 1 (Ehlers-Danlos syndrome type IV, autosomal dominant)
COL3A1	
COL4A2	collagen, type IV, alpha 2
COL6A1	collagen, type VI, alpha 1
COL6A3	collagen, type VI, alpha 3
CPN2	carboxypeptidase N, polypeptide 2, 83kD
CRY1	cryptochrome 1 (photolyase-like) colony stimulating factor 1 receptor, formerly McDonough feline sarcoma viral (v-fms) oncogene homolog
CSF1R	
CSF3R	colony stimulating factor 3 receptor (granulocyte)
CTSB	cathepsin B
CTSC	cathepsin C
CTSE	cathepsin E
CTSS	cathepsin S
CX3CL1	chemokine (C-X3-C motif) ligand 1
CXCL13	chemokine (C-X-C motif) ligand 13 (B-cell chemoattractant)
CXCL5	chemokine (C-X-C motif) ligand 5
CXCL6	chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2)
CXorf6	chromosome X open reading frame 6
CYBA	cytochrome b-245, alpha polypeptide

CYP1B1	cytochrome P450, family 1, subfamily B, polypeptide 1
CYP2A6	cytochrome P450, family 2, subfamily A, polypeptide 6
CYP2A7	cytochrome P450, family 2, subfamily A, polypeptide 7
CYP2B6	cytochrome P450, family 2, subfamily B, polypeptide 6
DBT	dihydrolipoamide branched chain transacylase E2
DDC	dopa decarboxylase (aromatic L-amino acid decarboxylase)
DIO2	deiodinase, iodothyronine, type II
DMC1	DMC1 dosage suppressor of mck1 homolog, meiosis-specific homologous recombination (yeast)
DMN	desmuslin
DNAJA2	DnaJ (Hsp40) homolog, subfamily A, member 2
DNAJB1	DnaJ (Hsp40) homolog, subfamily B, member 1
DNAJB9	DnaJ (Hsp40) homolog, subfamily B, member 9
DUSP8	dual specificity phosphatase 8
DYRK2	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2
EDNRA	endothelin receptor type A
EIF2B4	eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa
EMCN	endomucin
EMILIN1	elastin microfibril interfacier 1
ENPEP	glutamyl aminopeptidase (aminopeptidase A)
ENTPD5	ectonucleoside triphosphate diphosphohydrolase 5
EPHX1	epoxide hydrolase 1, microsomal (xenobiotic)
EPIM	epimorphin
EPX	eosinophil peroxidase
ERCC2	excision repair cross-complementing rodent repair deficiency, complementation group 2 (xeroderma pigmentosum D) excision repair cross-complementing rodent repair deficiency, complementation group 5 (xeroderma pigmentosum, complementation group G (Cockayne syndrome))
ERCC5	excision repair cross-complementing rodent repair deficiency, complementation group 6
ERCC6	excision repair cross-complementing rodent repair deficiency, complementation group 6
ESD	esterase D/formylglutathione hydrolase
EVI2A	ecotropic viral integration site 2A
EXT2	exostoses (multiple) 2
FDXR	ferredoxin reductase
FGFBP1	fibroblast growth factor binding protein 1
FGR	Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog
FHL2	four and a half LIM domains 2
FLJ20105	FLJ20105 protein
FLT3	fms-related tyrosine kinase 3
FMO2	flavin containing monooxygenase 2
FOS	v-fos FBJ murine osteosarcoma viral oncogene homolog
FOSL1	FOS-like antigen 1 NM_021784, NM_153675, Caution, check this probeset carefully. This probeset may detect an unusual splice variant, alternate termination site, or extended transcript of forkhead box A2
FOXA2	

FOXC1	forkhead box C1
FPRL1	formyl peptide receptor-like 1
FRK	fyn-related kinase
FTH1	ferritin, heavy polypeptide 1
FTHP1	ferritin, heavy polypeptide pseudogene 1
G6PD	glucose-6-phosphate dehydrogenase
GAA	glucosidase, alpha; acid (Pompe disease, glycogen storage disease type II)
GAB1	GRB2-associated binding protein 1
GABPB2	GA binding protein transcription factor, beta subunit 2
GADD45A	growth arrest and DNA-damage-inducible, alpha phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase
GART	
GAS1	growth arrest-specific 1
GCLC	glutamate-cysteine ligase, catalytic subunit
GCLM	glutamate-cysteine ligase, modifier subunit
GDF15	growth differentiation factor 15
GFPT2	glutamine-fructose-6-phosphate transaminase 2
GGCX	gamma-glutamyl carboxylase
GGT1	gamma-glutamyltransferase 1
GK	glycerol kinase
	guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 1
GNAT1	
GP1BB	glycoprotein Ib (platelet), beta polypeptide
GP9	glycoprotein IX (platelet)
GPC1	glypican 1
GPI	glucose phosphate isomerase
GPX1	glutathione peroxidase 1
GPX2	glutathione peroxidase 2 (gastrointestinal)
GPX3	glutathione peroxidase 3 (plasma)
GPX4	glutathione peroxidase 4 (phospholipid hydroperoxidase)
GPX5	glutathione peroxidase 5 (epididymal androgen-related protein)
GPX7	glutathione peroxidase 7
GRIA1	glutamate receptor, ionotropic, AMPA 1
GRPR	gastrin-releasing peptide receptor
GSR	glutathione reductase
GSTA3	glutathione S-transferase A3
GSTM1	glutathione S-transferase M1
GSTM3	glutathione S-transferase M3 (brain)
GSTM5	glutathione S-transferase M5
	homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like domain member 1
HERPUD1	
	hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)
HIF1A	
HMHA1	histocompatibility (minor) HA-1
HMOX1	heme oxygenase (decycling) 1

HNRPA1	heterogeneous nuclear ribonucleoprotein A1
HNRPDL	heterogeneous nuclear ribonucleoprotein D-like
HOXB5	homeo box B5
HPGD	hydroxyprostaglandin dehydrogenase 15-(NAD)
HPN	hepsin (transmembrane protease, serine 1)
HPX	hemopexin
HPX	hemopexin
HSPA1A	heat shock 70kDa protein 1A
HSPA1B	heat shock 70kDa protein 1B
HSPA1L	heat shock 70kDa protein 1-like
HSPA5	heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)
HSPA6	heat shock 70kDa protein 6 (HSP70B')
HSPH1	heat shock 105kDa/110kDa protein 1
ICOS	inducible T-cell co-stimulator
IDH1	isocitrate dehydrogenase 1 (NADP+), soluble
IGF1	insulin-like growth factor 1 (somatomedin C)
IGFBP2	insulin-like growth factor binding protein 2, 36kDa
IGFBP5	insulin-like growth factor binding protein 5
IL13RA1	interleukin 13 receptor, alpha 1
IL4R	interleukin 4 receptor
IL6	interleukin 6 (interferon, beta 2)
IMPDH1	IMP (inosine monophosphate) dehydrogenase 1
ING1	inhibitor of growth family, member 1
INHBB	inhibin, beta B (activin AB beta polypeptide)
ISGF3G	interferon-stimulated transcription factor 3, gamma 48kDa
ITGB2	integrin, beta 2 (antigen CD18 (p95), lymphocyte function-associated antigen 1; macrophage antigen 1 (mac-1) beta subunit)
ITGB4	integrin, beta 4
JMJD1A	jumonji domain containing 1A
JUN	v-jun sarcoma virus 17 oncogene homolog (avian)
KCNK1	potassium channel, subfamily K, member 1
KCNN3	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 3
KEAP1	kelch-like ECH-associated protein 1
KIAA0877	KIAA0877 protein
KIT	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
KLRK1	killer cell lectin-like receptor subfamily K, member 1
LAPTM5	lysosomal associated multispinning membrane protein 5
LBP	lipopolysaccharide binding protein
LCP1	lymphocyte cytosolic protein 1 (L-plastin)
LDHAL6B	lactate dehydrogenase A-like 6B
LDHB	lactate dehydrogenase B
LHX1	LIM homeobox 1
LILRB3	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3
LIPA	lipase A, lysosomal acid, cholesterol esterase (Wolman disease)

LOX	lysyl oxidase
LPL	lipoprotein lipase
LRP2	low density lipoprotein-related protein 2
LSP1	lymphocyte-specific protein 1
LTB4R	leukotriene B4 receptor
LY9	lymphocyte antigen 9
LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog
LYZ	lysozyme (renal amyloidosis)
MAD2L1	MAD2 mitotic arrest deficient-like 1 (yeast)
MAN2B1	mannosidase, alpha, class 2B, member 1
MAP2K4	mitogen-activated protein kinase kinase 4
MARCH6	membrane-associated ring finger (C3HC4) 6
MARCKSL1	MARCKS-like 1
MARCO	macrophage receptor with collagenous structure
ME1	malic enzyme 1, NADP(+)-dependent, cytosolic
MKRN3	makorin, ring finger protein, 3
MLL2	myeloid/lymphoid or mixed-lineage leukemia 2
MMP12	matrix metalloproteinase 12 (macrophage elastase)
MMP14	matrix metalloproteinase 14 (membrane-inserted)
MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)
MPO	myeloperoxidase
MSRA	methionine sulfoxide reductase A
MSX2	msh homeo box homolog 2 (Drosophila)
MT2A	metallothionein 2A
MTA1	metastasis associated 1
MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase
MXD4	MAX dimerization protein 4
MYH10	myosin, heavy polypeptide 10, non-muscle
MYL4	myosin, light polypeptide 4, alkali; atrial, embryonic
NCF2	neutrophil cytosolic factor 2 (65kDa, chronic granulomatous disease, autosomal 2)
NCF4	neutrophil cytosolic factor 4, 40kDa
NCKAP1	NCK-associated protein 1
NDRG4	NDRG family member 4
NEFH	neurofilament, heavy polypeptide 200kDa
NFE2	nuclear factor (erythroid-derived 2), 45kDa
NFE2L2	nuclear factor (erythroid-derived 2)-like 2
NGFB	nerve growth factor, beta polypeptide
NOV	nephroblastoma overexpressed gene
NOX4	NADPH oxidase 4
NQO1	NAD(P)H dehydrogenase, quinone 1
NR1H3	nuclear receptor subfamily 1, group H, member 3
NT5E	5'-nucleotidase, ecto (CD73)
NUDT15	nudix (nucleoside diphosphate linked moiety X)-type motif 15

NUP153	nucleoporin 153kDa
OASL	2'-5'-oligoadenylate synthetase-like
OAT	ornithine aminotransferase (gyrate atrophy)
OLFM1	olfactomedin 1
PALLD	palladin, cytoskeletal associated protein
PARK7	Parkinson disease (autosomal recessive, early onset) 7
PCDH8	protocadherin 8
PDGFA	platelet-derived growth factor alpha polypeptide
PEPD	peptidase D
PEX5	peroxisomal biogenesis factor 5
PGRMC1	progesterone receptor membrane component 1
PIR	pirin (iron-binding nuclear protein)
PKIG	protein kinase (cAMP-dependent, catalytic) inhibitor gamma
PKM2	pyruvate kinase, muscle
PLA2G7	phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma)
PLAT	plasminogen activator, tissue
PLSCR1	phospholipid scramblase 1
PLXNC1	plexin C1
PML	promyelocytic leukemia
PMM2	phosphomannomutase 2
POLD2	polymerase (DNA directed), delta 2, regulatory subunit 50kDa
PON1	paraoxonase 1
PPARG	peroxisome proliferative activated receptor, gamma
PPFIA1	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 1
PPP4C	protein phosphatase 4 (formerly X), catalytic subunit
PRCC	papillary renal cell carcinoma (translocation-associated)
PRDM1	PR domain containing 1, with ZNF domain
PRDX1	peroxiredoxin 1
PRDX2	peroxiredoxin 2
PRDX6	peroxiredoxin 6
PRKCA	protein kinase C, alpha
PRKCD	protein kinase C, delta
PRKCH	protein kinase C, eta
PRNP	prion protein (p27-30) (Creutzfeld-Jakob disease, Gerstmann-Strausler-Scheinker syndrome, fatal familial insomnia)
PSCD3	pleckstrin homology, Sec7 and coiled-coil domains 3
PSMB5	proteasome (prosome, macropain) subunit, beta type, 5
PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)
PTK9L	PTK9L protein tyrosine kinase 9-like (A6-related protein)
PTMS	parathyrosin
PTPN14	protein tyrosine phosphatase, non-receptor type 14
PTPRG	protein tyrosine phosphatase, receptor type, G
PTPRJ	protein tyrosine phosphatase, receptor type, J

QKI	quaking homolog, KH domain RNA binding (mouse)
RAB3D	RAB3D, member RAS oncogene family
RABAC1	Rab acceptor 1 (prenylated)
RAMP2	receptor (calcitonin) activity modifying protein 2
RAP2A	RAP2A, member of RAS oncogene family
RASSF2	Ras association (RalGDS/AF-6) domain family 2
RBBP7	retinoblastoma binding protein 7
RBPSUH	recombining binding protein suppressor of hairless (Drosophila)
RECQL4	RecQ protein-like 4
RGS14	regulator of G-protein signalling 14
RHOC	ras homolog gene family, member C
RNF103	ring finger protein 103
RWDD2	RWD domain containing 2
S100A8	S100 calcium binding protein A8 (calgranulin A)
SCD	stearoyl-CoA desaturase (delta-9-desaturase)
SCG2	secretogranin II (chromogranin C)
SCN7A	sodium channel, voltage-gated, type VII, alpha
SELL	selectin L (lymphocyte adhesion molecule 1)
SERPINA6	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 6
SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
SIM1	single-minded homolog 1 (Drosophila)
SKIP	skeletal muscle and kidney enriched inositol phosphatase
SLC11A1	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 1
SLC12A2	solute carrier family 12 (sodium/potassium/chloride transporters), member 2
SLC1A4	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4
SLC2A1	solute carrier family 2 (facilitated glucose transporter), member 1
SLC2A3	solute carrier family 2 (facilitated glucose transporter), member 3
SLC6A6	solute carrier family 6 (neurotransmitter transporter, taurine), member 6
SLC6A9	solute carrier family 6 (neurotransmitter transporter, glycine), member 9
SNTB2	syntrophin, beta 2 (dystrophin-associated protein A1, 59kDa, basic component 2)
SNX19	sorting nexin 19
SOCS3	suppressor of cytokine signaling 3
SOD1	superoxide dismutase 1, soluble (amyotrophic lateral sclerosis 1 (adult))
SOD2	superoxide dismutase 2, mitochondrial
SOD3	superoxide dismutase 3, extracellular
SPRY1	sprouty homolog 1, antagonist of FGF signaling (Drosophila)
SQSTM1	sequestosome 1
STIP1	stress-induced-phosphoprotein 1 (Hsp70/Hsp90-organizing protein)
STRAP	serine/threonine kinase receptor associated protein
SUCLA2	succinate-CoA ligase, ADP-forming, beta subunit



SULT1B1	sulfotransferase family, cytosolic, 1B, member 1
SYT11	synaptotagmin XI
TAF4	TAF4 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 135kDa
TAGLN	transgelin
TALDO1	transaldolase 1
TCF4	transcription factor 4
TCF7L1	transcription factor 7-like 1 (T-cell specific, HMG-box)
TEX261	testis expressed sequence 261
TFRC	transferrin receptor (p90, CD71)
TGFB1	transforming growth factor, beta 1 (Camurati-Engelmann disease)
TGIF	TGFB-induced factor (TALE family homeobox)
THY1	Thy-1 cell surface antigen
TKT	transketolase (Wernicke-Korsakoff syndrome)
TLR6	toll-like receptor 6
TNFAIP3	tumor necrosis factor, alpha-induced protein 3
TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)
TOM1	target of myb1 (chicken)
TPO	thyroid peroxidase
TRIM16	tripartite motif-containing 16
TRIM21	tripartite motif-containing 21
TSHR	thyroid stimulating hormone receptor
TXN	thioredoxin
TXNIP	thioredoxin interacting protein
TXNRD1	thioredoxin reductase 1
TXNRD2	thioredoxin reductase 2
UCHL1	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)
UCP3	uncoupling protein 3 (mitochondrial, proton carrier)
UGDH	UDP-glucose dehydrogenase
VCL	vinculin
VNN1	vanin 1
VSNL1	visinin-like 1
WNT5A	wingless-type MMTV integration site family, member 5A
XPA	xeroderma pigmentosum, complementation group A
XPC	xeroderma pigmentosum, complementation group C
XPO1	exportin 1 (CRM1 homolog, yeast)
ZDHHC18	zinc finger, DHHC-type containing 18
ZFP36L2	zinc finger protein 36, C3H type-like 2
ZIC3	Zic family member 3 heterotaxy 1 (odd-paired homolog, Drosophila)
ZNF184	zinc finger protein 184 (Kruppel-like)
ZNF44	zinc finger protein 44 (KOX 7)
ZNF473	zinc finger protein 473

**GeneSymbol****Gene description****DECREASED**

NQO1	NAD(P)H dehydrogenase, quinone 1
AOX1	aldehyde oxidase 1
NCKAP1	NCK-associated protein 1

**INCREASED**

ALS2CL	ALS2 C-terminal like
APOBEC1	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1
C1QB	complement component 1, q subcomponent, beta polypeptide
CAPG	capping protein (actin filament), gelsolin-like
CCL7	chemokine (C-C motif) ligand 7
CCR1	chemokine (C-C motif) receptor 1
CD3E	CD3E antigen, epsilon polypeptide (TiT3 complex)
CDH15	cadherin 15, M-cadherin (myotubule)
CLEC4E	C-type lectin domain family 4, member E
COL6A3	collagen, type VI, alpha 3
CSF1R	colony stimulating factor 1 receptor, formerly McDonough feline sarcoma viral (v-fms) oncogene homolog
CSF3R	colony stimulating factor 3 receptor (granulocyte)
CTSE	cathepsin E
CYBA	cytochrome b-245, alpha polypeptide
CYP1B1	cytochrome P450, family 1, subfamily B, polypeptide 1

CYP2A6	cytochrome P450, family 2, subfamily A, polypeptide 6
CYP2A7	cytochrome P450, family 2, subfamily A, polypeptide 7
CYP2B6	cytochrome P450, family 2, subfamily B, polypeptide 6
DBT	dihydrolipoamide branched chain transacylase E2
DDC	dopa decarboxylase (aromatic L-amino acid decarboxylase)
DMC1	DMC1 dosage suppressor of mck1 homolog, meiosis-specific homologous recombination (yeast)
EDNRA	endothelin receptor type A
EMCN	endomucin
ENPEP	glutamyl aminopeptidase (aminopeptidase A)
FHL2	four and a half LIM domains 2
FLT3	fms-related tyrosine kinase 3
FOXA2	forkhead box A2
FOXC1	forkhead box C1
GGT1	gamma-glutamyltransferase 1
GPX2	glutathione peroxidase 2 (gastrointestinal)
GSTM5	glutathione S-transferase M5
HPGD	hydroxyprostaglandin dehydrogenase 15-(NAD)
HPN	hepsin (transmembrane protease, serine 1)
INHBB	inhibin, beta B (activin AB beta polypeptide)
ITGB2	integrin, beta 2 (antigen CD18 (p95), lymphocyte function-associated antigen 1; macrophage antigen 1 (mac-1) beta subunit)
ITGB4	integrin, beta 4
KCNK1	potassium channel, subfamily K, member 1
KCNN3	potassium intermediate/small conductance calcium-activated channel, subfamily N, member

LAPTM5	lysosomal associated multispanning membrane protein 5
LBP	lipopolysaccharide binding protein
LILRB3	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3
LTB4R	leukotriene B4 receptor
LY9	lymphocyte antigen 9
ME1	malic enzyme 1, NADP(+)- dependent, cytosolic
MLL2	myeloid/lymphoid or mixed- lineage leukemia 2
MMP12	matrix metalloproteinase 12 (macrophage elastase)
MMP14	matrix metalloproteinase 14 (membrane-inserted)
MPO	myeloperoxidase
MSX2	msh homeo box homolog 2 (Drosophila)
MYL4	myosin, light polypeptide 4, alkali; atrial, embryonic
NEFH	neurofilament, heavy polypeptide 200kDa
NFE2	nuclear factor (erythroid- derived 2), 45kDa
NGFB	nerve growth factor, beta polypeptide
OLFM1	olfactomedin 1
PLA2G7	phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma)
PLXNC1	plexin C1
PML	promyelocytic leukemia
PRKCA	protein kinase C, alpha
PRKCH	protein kinase C, eta
QKI	quaking homolog, KH domain RNA binding (mouse)
RAP2A	RAP2A, member of RAS oncogene family
RGS14	regulator of G-protein

	signalling 14
RNF103	ring finger protein 103
SLC11A1	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 1
SLC1A4	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4
SNTB2	syntrophin, beta 2 (dystrophin- associated protein A1, 59kDa, basic component 2)
VNN1	vanin 1
ZIC3	Zic family member 3 heterotaxy 1 (odd-paired homolog, Drosophila)