

SYMBOL	DESCRIPTION	Fold Change
Scgb3a1	secretoglobin, family 3A, member 1	9.21
Sprr1a	small proline-rich protein 1A	8.88
Atf3	activating transcription factor 3	4.18
Ccl2	chemokine (C-C motif) ligand 2	4.17
Ccl7	chemokine (C-C motif) ligand 7	4.01
Gal	galanin	3.86
4933402N22Rik	RIKEN cDNA 4933402N22 gene	3.69
Pdyn	prodynorphin	3.01
Srsf2	serine/arginine-rich splicing factor 2	2.41
Egr4	early growth response 4	2.38
Wdfy1	WD repeat and FYVE domain containing 1	2.28
Mustn1	musculoskeletal, embryonic nuclear protein 1	2.19
Adcyap1	adenylate cyclase activating polypeptide 1	2.07
Ogfod1	2-oxoglutarate and iron-dependent oxygenase domain containing 1	2.02
Npy	neuropeptide Y	2.02
F2rl2	coagulation factor II (thrombin) receptor-like 2	1.97
Cd34	CD34 antigen	1.91
Cbx6	chromobox homolog 6	1.91
Cartpt	CART prepropeptide	1.90
Socs3	suppressor of cytokine signaling 3	1.89
Adamts12	ADAMTS-like 2	1.87
Speer5-ps1	spermatogenesis associated glutamate (E)-rich protein 5, pseudogene 1	1.86
Inhba	inhibin beta-A	1.82
Ddx5	DEAD (Asp-Glu-Ala-Asp) box polypeptide 5	1.79
Ctla2b	cytotoxic T lymphocyte-associated protein 2 beta	1.78
Speer4d	spermatogenesis associated glutamate (E)-rich protein 4d	1.78
Serpinb11	serine (or cysteine) peptidase inhibitor, clade B (ovalbumin), member 11	1.74
6330578E17Rik	RIKEN cDNA 6330578E17 gene	1.71
Slc12a6	solute carrier family 12, member 6	1.71
Dennd4a	DENN/MADD domain containing 4A	1.71
Hoxd10	homeobox D10	1.70

Gpr4	G protein-coupled receptor 4	1.70
Cebpd	CCAAT/enhancer binding protein (C/EBP), delta	1.70
Cog6	component of oligomeric golgi complex 6	1.69
Btg2	B-cell translocation gene 2, anti-proliferative	1.68
Arl6ip6	ADP-ribosylation factor-like 6 interacting protein 6	1.68
Ctnn	cortactin	1.67
Rims1	regulating synaptic membrane exocytosis 1	1.66
Spint1	serine protease inhibitor, Kunitz type 1	1.66
Tspyl5	testis-specific protein, Y-encoded-like 5	1.65
Suv39h2	suppressor of variegation 3-9 homolog 2 (Drosophila)	1.64
Akap12	A kinase (PRKA) anchor protein (gravin) 12	1.64
Klf2	Kruppel-like factor 2 (lung)	1.64
Ank3	ankyrin 3, epithelial	1.63
Abhd15	abhydrolase domain containing 15	1.63
Eif2s3x	eukaryotic translation initiation factor 2, subunit 3, structural gene X-linked	1.62
Pde10a	phosphodiesterase 10A	1.61
Hltf	helicase-like transcription factor	1.61
Auts2	autism susceptibility candidate 2	1.61
Ets1	E26 avian leukemia oncogene 1, 5' domain	1.61
Mgp	matrix Gla protein	1.61
Sbno2	strawberry notch homolog 2 (Drosophila)	1.59
Rbm17	RNA binding motif protein 17	1.59
Parva	parvin, alpha	1.59
Pcsk1	proprotein convertase subtilisin/kexin type 1	1.59
Rpsa	ribosomal protein SA	1.59
Darc	Duffy blood group, chemokine receptor	1.58
Son	Son DNA binding protein	1.57
Tgm2	transglutaminase 2, C polypeptide	1.57
Reep2	receptor accessory protein 2	1.57
6-Sep	septin 6	1.56
Eef2k	eukaryotic elongation factor-2 kinase	1.55
Jazf1	JAZF zinc finger 1	1.54

Arg1	arginase, liver	1.54
Pknox1	Pbx/knotted 1 homeobox	1.54
Meg3	maternally expressed 3	1.53
Trank1	tetratricopeptide repeat and ankyrin repeat containing 1	1.53
Atp2a2	ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2	1.53
Dusp2	dual specificity phosphatase 2	1.52
Lpcat1	lysophosphatidylcholine acyltransferase 1	1.52
Slc35a5	solute carrier family 35, member A5	1.52
Acta2	actin, alpha 2, smooth muscle, aorta	1.52
Ier3	immediate early response 3	1.52
Slc30a7	solute carrier family 30 (zinc transporter), member 7	1.51
Psd	pleckstrin and Sec7 domain containing	1.51
Ptpn	protein tyrosine phosphatase, receptor type, N	1.51
8430419L09Rik	RIKEN cDNA 8430419L09 gene	1.51
Lhfp	lipoma HMGIC fusion partner	1.51
Fzd2	frizzled homolog 2 (Drosophila)	1.51
C030046I01Rik	RIKEN cDNA C030046I01 gene	1.51
2010005H15Rik	RIKEN cDNA 2010005H15 gene	1.51
Fosl1	fos-like antigen 1	1.50
1700001O22Rik	RIKEN cDNA 1700001O22 gene	1.50
Jak3	Janus kinase 3	1.50
Gprc5b	G protein-coupled receptor, family C, group 5, member B	0.13
Loxl2	lysyl oxidase-like 2	0.29
Slc36a2	solute carrier family 36 (proton/amino acid symporter), member 2	0.40
Ly6d	lymphocyte antigen 6 complex, locus D	0.43
Mapk8	mitogen-activated protein kinase 8	0.45
Ccl5	chemokine (C-C motif) ligand 5	0.46
Zswim6	zinc finger, SWIM domain containing 6	0.46
Cadm3	cell adhesion molecule 3	0.48
1700030C10Rik	RIKEN cDNA 1700030C10 gene	0.48
Clec7a	C-type lectin domain family 7, member a	0.48

Islr	immunoglobulin superfamily containing leucine-rich repeat	0.51
Alox12	arachidonate 12-lipoxygenase	0.52
Slc34a3	solute carrier family 34 (sodium phosphate), member 3	0.53
Serpind1	serine (or cysteine) peptidase inhibitor, clade D, member 1	0.53
Prss23	protease, serine, 23	0.55
Nkain1	Na ⁺ /K ⁺ transporting ATPase interacting 1	0.55
Cadm2	cell adhesion molecule 2	0.55
Spn	sialophorin	0.55
Rhd	Rh blood group, D antigen	0.55
Myoc	myocilin	0.56
Nostrin	nitric oxide synthase trafficker	0.56
Ide	insulin degrading enzyme	0.56
Akap2	A kinase (PRKA) anchor protein 2	0.56
Hist1h2ak	histone cluster 1, H2ak	0.57
Ccr11	chemokine (C-C motif) receptor-like 1	0.57
Tnfaip2	tumor necrosis factor, alpha-induced protein 2	0.58
Loxl1	lysyl oxidase-like 1	0.58
Lmnb1	lamin B1	0.58
Ramp1	receptor (calcitonin) activity modifying protein 1	0.58
Myh8	myosin, heavy polypeptide 8, skeletal muscle, perinatal	0.59
Fzd10	frizzled homolog 10 (Drosophila)	0.59
Exoc6b	exocyst complex component 6B	0.59
Plp	plasma membrane proteolipid	0.60
Gab3	growth factor receptor bound protein 2-associated protein 3	0.60
Expi	extracellular proteinase inhibitor	0.60
Hdc	histidine decarboxylase	0.60
Nhedc2	Na ⁺ /H ⁺ exchanger domain containing 2	0.60
Igfbp4	insulin-like growth factor binding protein 4	0.61
Cenpe	centromere protein E	0.61
Ptger3	prostaglandin E receptor 3 (subtype EP3)	0.61
P2ry12	purinergic receptor P2Y, G-protein coupled 12	0.62
Txlnb	taxilin beta	0.62

Ltb	lymphotoxin B	0.62
Prom1	prominin 1	0.62
Adamts2	a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 2	0.62
Nufip2	nuclear fragile X mental retardation protein interacting protein 2	0.62
Cnksr3	Cnksr family member 3	0.63
Sdad1	SDA1 domain containing 1	0.63
Pygl	liver glycogen phosphorylase	0.63
2210012G02Rik	RIKEN cDNA 2210012G02 gene	0.64
Pcdh12	protocadherin 12	0.64
Ugt8a	UDP galactosyltransferase 8A	0.64
Tprkb	Tp53rk binding protein	0.65
Cmya5	cardiomyopathy associated 5	0.65
Enpp1	ectonucleotide pyrophosphatase/phosphodiesterase 1	0.65
Rnf13	ring finger protein 13	0.65
Icam4	intercellular adhesion molecule 4, Landsteiner-Wiener blood group	0.65
Pgm5	phosphoglucomutase 5	0.65
Nckap5	NCK-associated protein 5	0.65
Agtr2	angiotensin II receptor, type 2	0.65
Itgal	integrin alpha L	0.65
Bace2	beta-site APP-cleaving enzyme 2	0.65
Hmcn1	hemicentin 1	0.65
S100a6	S100 calcium binding protein A6 (calcyclin)	0.65
Fam98b	family with sequence similarity 98, member B	0.65
Slc26a10	solute carrier family 26, member 10	0.65
Sned1	sushi, nidogen and EGF-like domains 1	0.66
Tecrl	trans-2,3-enoyl-CoA reductase-like	0.66
Ssr1	signal sequence receptor, alpha	0.66
Lrba	LPS-responsive beige-like anchor	0.66
Hhip	Hedgehog-interacting protein	0.66
1700009P17Rik	RIKEN cDNA 1700009P17 gene	0.66
A530054K11Rik	RIKEN cDNA A530054K11 gene	0.66

Pgam2	phosphoglycerate mutase 2	0.66
Aspa	aspartoacylase	0.66