

	Pax3 (2nd)	Pax3/FKHR (1st)	Pax3/FKHR (2nd)	gene symbol	gene name
Migration/Adhesion					
	2.2	6.1	5.6	CNR1	cannabinoid receptor 1 (brain) *
	2.6	4.5	5.2	EPHA4	EphA4 *
	2.8	4.2	5.9	PLXNC1	plexin C1 *
		3.5	3.6	SLIT2	slit homolog 2 (Drosophila) *
		3.4	3.4	SLIT3	slit homolog 3 (Drosophila) *
	1.6	2.1	2.8	SEMA3C	sema domain, secreted, (semaphorin) 3C *
	1.7	2.1	2.7	TPBG	trophoblast glycoprotein
		2.6	3.2	PCDH17	protocadherin 17
		2.9	4.1	PCDH7	BH-protocadherin (brain-heart) *
		2.2	2.3	OMD	osteomodulin
Developmental Factors					
	3.8	5.4	8.2	KITLG	KIT ligand *
		2.4	2.2	LIFR	leukemia inhibitory factor receptor
		2.4	4.6	DACH	dachshund homolog (Drosophila)
	1.5	3.8	3.3	SCML1	sex comb on midleg-like 1 (Drosophila) *
	2.3	3.1	3.0	TWSG1	twisted gastrulation homolog 1 (Drosophila) *
		2.3	1.9	PITX2	paired-like homeodomain transcription factor 2 *
Transcription Factors					
	3.8	5.4	6.0	CITED1	Cbp/p300-interacting transactivator 1 *
		2.5	2.9	ID4	inhibitor of DNA binding 4
	1.7	2.9	1.7	PBX1	pre-B-cell leukemia transcription factor 1
		2.3	4.3	HFL2	H factor (complement)-like 2
	2.7	2.3	3.5	ZNF75	zinc finger protein 75 (D8C6)
	1.4	2.1	3.6	MORF	monocytic leukemia zinc finger protein-related factor
		2.7	2.4	HIC	I-mfa domain-containing protein
		2.2	2.2	LMO4	LIM domain only 4
	1.4	2.0	2.4	CDYL	chromodomain protein, Y chromosome-like
Kinases/phosphatases					
		6.1	3.1	TPK1	thiamin pyrophosphokinase 1
		2.6	2.5	PTPRG	protein tyrosine phosphatase, receptor type, G
	1.8	2.3	3.3	SGK	serum/glucocorticoid regulated kinase
		2.0	3.1	MAP2K5	mitogen-activated protein kinase 5
	2.8	3.6	4.3	PRKAR2B	protein kinase, cAMP-dependent, regulatory, type II, beta
		2.2	2.1	VAV3	vav 3 oncogene
		3.1	3.2	LRRN3	leucine-rich repeat protein, neuronal 3
Trafficking					
		4.7	5.4	STX11	syntaxin 11
	1.5	2.7	2.2	GOLPH4	golgi phosphoprotein 4
Extracellular Factors					
		4.2	4.5	GPM6A	glycoprotein M6A
		4.2	1.3	TUBB1	tubulin, beta 1
	1.7	4.2	3.3	ADAMTS5	a disintegrin-like and metalloprotease (aggrecanase-2)
	1.5	3.3	1.5	ADAMTS1	a disintegrin-like and metalloprotease (reprolysin type), 1
		2.2	2.2	SCAMP1	secretory carrier membrane protein 1
		2.7	2.0	MAN1A1	mannosidase, alpha, class 1A, member 1
	2.0	3.2	4.0	LTBP1	latent transforming growth factor beta binding protein 1
Receptor Complexes					
		4.9	5.6	CALCRL	calcitonin receptor-like
	1.6	2.0	2.5	TMEFF1	transmembrane protein EGF-like & two follistatin-like domains 1
		3.5	5.4	GPR49	G protein-coupled receptor 49
		3.4	4.7	NR2F1	nuclear receptor subfamily 2, group F, member 1
		3.2	2.9	CLSTN2	calsyntenin 2
		2.5	2.3	GNAS	GNAS complex locus
Metabolism					
	1.2	2.9	3.9	GNG11	guanine nucleotide binding protein (G protein), gamma 11
		2.9	3.4	NT5E	5'-nucleotidase, ecto (CD73)
	1.6	3.0	2.1	FARS1	phenylalanine-tRNA synthetase
	1.4	2.5	2.1	AUTS2	autism susceptibility candidate 2
	1.8	4.5	6.2	ACADL	acyl-Coenzyme A dehydrogenase, long chain
		3.2	2.9	DPYD	dihydropyrimidine dehydrogenase
	1.9	3.3	2.3	PLSCR4	phospholipid scramblase 4
		3.0	3.6	PEG10	paternally expressed 10
	1.5	3.8	4.8	PIGCP1	p53-induced protein PIGPC1
		2.2	2.6	STK17B	serine/threonine kinase 17b (apoptosis-inducing)
	1.3	2.3	2.5	SH3GLB1	SH3-domain GRB2-like endophilin B1
Others					
		6.9	4.3	PLN	phospholamban *
	2.8	4.0	4.3	DMD	dystrophin (muscular dystrophy, Duchenne and Becker types)

Table 1