

Supplementary Table S2

	p-value	Gene	Entrez Gene Name	Location	Type(s)
	1.10E-11	C22orf26	chromosome 22 open reading frame 26	unknown	other
	2.37E-11	HOXA3	homeobox A3	Nucleus	transcription regulator
	4.36E-11	CPNE8	copine VIII	unknown	other
	1.30E-10	HOXA6	homeobox A6	Nucleus	transcription regulator
	2.31E-10	HOXB3	homeobox B3	Nucleus	transcription regulator
	4.67E-10	LOC100271722	uncharacterized LOC100271722	unknown	other
→	5.11E-10	HOXB6	homeobox B6	Nucleus	transcription regulator
	8.84E-10	SARM1	sterile alpha and TIR motif containing 1	Plasma Membrane	transmembrane receptor
	9.67E-10	HOXA4	homeobox A4	Nucleus	transcription regulator
	1.29E-09	SLC46A1	solute carrier family 46 (folate transporter), member 1	Plasma Membrane	transporter
	1.57E-09	RIPK3	receptor-interacting serine-threonine kinase 3	Plasma Membrane	kinase
→	1.85E-09	HOXA7	homeobox A7	Nucleus	transcription regulator
	2.70E-09	HOXA5	homeobox A5	Nucleus	transcription regulator
	4.36E-09	HOXA9	homeobox A9	Nucleus	transcription regulator
	4.94E-09	TMCO4	transmembrane and coiled-coil domains 4	unknown	other
	6.81E-09	HOXB4	homeobox B4	Nucleus	transcription regulator
	7.16E-09	HOXB5	homeobox B5	Nucleus	transcription regulator
	1.04E-08	HOXA10	homeobox A10	Nucleus	transcription regulator
	1.05E-08	RMND5B	required for meiotic nuclear division 5 homolog B (S. cerevisiae)	unknown	other
	1.58E-08	WDR91	WD repeat domain 91	unknown	other
	1.59E-08	HOXB2	homeobox B2	Nucleus	transcription regulator
	1.63E-08	TCTA	T-cell leukemia translocation altered	unknown	other
	1.74E-08	ACBD4	acyl-CoA binding domain containing 4	unknown	other
	3.40E-08	IQCE	IQ motif containing E	Cytoplasm	other
	4.58E-08	TTYH3	tweety homolog 3 (Drosophila)	Plasma Membrane	ion channel
	8.05E-08	AIFM2	apoptosis-inducing factor, mitochondrion-associated, 2	Cytoplasm	enzyme
	9.70E-08	PARP3	poly (ADP-ribose) polymerase family, member 3	Nucleus	enzyme
	9.95E-08	MVP	major vault protein	Nucleus	other
	1.20E-07	DUSP28	dual specificity phosphatase 28	unknown	enzyme
	1.25E-07	LTB4R	leukotriene B4 receptor	Plasma Membrane	G-protein coupled receptor
	1.38E-07	FNBP1	formin binding protein 1	Nucleus	enzyme
	1.41E-07	AGXT2L2	alanine-glyoxylate aminotransferase 2-like 2	Cytoplasm	enzyme
	1.41E-07	STK10	serine/threonine kinase 10	Cytoplasm	kinase
	1.47E-07	MEIS1	Meis homeobox 1	Nucleus	transcription regulator
	1.66E-07	CDK18	cyclin-dependent kinase 18	Cytoplasm	kinase
	1.72E-07	STK32C	serine/threonine kinase 32C	unknown	kinase
	2.08E-07	HOXA2	homeobox A2	Nucleus	transcription regulator
	2.32E-07	CLIP4	CAP-GLY domain containing linker protein family, member 4	unknown	other
	2.33E-07	CCDC97	coiled-coil domain containing 97	unknown	other