

Table 2. Genes expressed at a high level in the 38⁺34⁻ (LTR) HSC subset

Category	Symbol	Gene description	Correlation	Unigene
Regulation of transcription	Rnps1	ribonucleic acid binding protein S1	1.000	Mm.1951
	Junb	Jun-B oncogene	1.000	Mm.1167
	Hdac3	histone deacetylase 3	1.000	Mm.20521
	Irf6	interferon regulatory factor 6	1.000	Mm.4179
	Gata3	GATA binding protein 3	0.997	Mm.606
	Xbp1	X-box binding protein 1	0.993	Mm.22718
	Cited2	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2	0.992	Mm.9524
	Nmyc1	neuroblastoma myc-related oncogene 1	0.986	Mm.16469
Membrane association	Zfp292	zinc finger protein 292	0.975	Mm.38193
	Bdkrb1	bradykinin receptor, beta 1	1.000	Mm.57076
	Mpl	myeloproliferative leukemia virus oncogene	0.998	Mm.4864
	Map17	membrane-associated protein 17	0.995	Mm.30181
	Ormdl3	ORM1-like 3 (<i>S. cerevisiae</i>)	0.990	Mm.180546
	Fzd4	frizzled homolog 4 (<i>Drosophila</i>)	0.988	Mm.68712
	Lgi4	leucine-rich repeat LGI family, member 4	0.961	Mm.1662
Signal transduction	Kit	kit oncogene	0.961	Mm.4394
	Bdkrb1*	bradykinin receptor, beta 1	1.000	Mm.57076
	Socs2	suppressor of cytokine signaling 2	0.996	Mm.4132
	Fzd4*	frizzled homolog 4 (<i>Drosophila</i>)	0.988	Mm.68712
	Inpp5d	inositol polyphosphate-5-phosphatase D	0.958	Mm.15105
Ubiquitin ligase complex	Fbxo9	f-box only protein 9	1.000	Mm.28584
	Nedd4	neural precursor cell expressed, developmentally down-regulated gene 4	0.993	Mm.16553
	Rnf11	ring finger protein 11	0.992	Mm.25228
ATP binding	Ian1	immune associated nucleotide 1	0.999	Mm.28395
	Iigp	interferon-inducible GTPase	0.997	Mm.29008
	Ifi47	interferon gamma inducible protein	0.984	Mm.24769
GTP binding	Tgtp	T-cell specific GTPase	0.994	Mm.15793
	Igtp	interferon gamma induced GTPase	0.993	Mm.858
Serine protease inhibitor activity	Serpib6a	serine (or cysteine) proteinase inhibitor, clade B, member 6a	0.996	Mm.2623
	Serpina3g	serine (or cysteine) proteinase inhibitor, clade A, member 3G	0.987	Mm.15085
Protein binding	Camk2b	calcium/calmodulin-dependent protein kinase II, beta	0.999	Mm.4857
	Gab1	growth factor receptor bound protein 2-associated protein 1	0.997	Mm.24573
	Gabarapl1	gamma-aminobutyric acid [GABA(A)] receptor-associated protein-like 1	0.997	Mm.14638
	Mttr13	myotubularin related protein 13	0.996	Mm.200250
Metal ion binding	Mt2	metallothionein 2	0.999	Mm.147226
	Car2	carbonic anhydrase 2	0.995	Mm.1186
Cell cycle	Cdkn1c	cyclin-dependent kinase inhibitor 1C (P57)	0.986	Mm.168789
Lipocalin	Lcn7	lipocalin 7	0.999	Mm.15801
Uncharacterized	Sixteen genes with unknown functions are listed in table 4			

Listed are genes that are differentially highly expressed in the 38⁺34⁻ (LTR) HSC subset and low in the other two STR HSC subsets.

*Membrane-associated signal transduction molecules