

Supplementary Table 2: Mesenchyme-specific cluster genes in the top 5% co-expressed by enriched splenic FDC versus FDC-depleted splenocytes in the study described by Huber *et al.* (2005)

Annotated genes from mesenchyme-specific clusters 24, 25, 92, 93 and 112		
Gene symbol	Gene title	In top 5% genes expressed by splenic FDC*
Acta2	actin, alpha 2, smooth muscle, aorta	yes
Adamts12	a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 12	no
Ak1	adenylate kinase 1	no
Atoh8	atonal homolog 8 (Drosophila)	no
Bgn	biglycan	yes
Boc	biregional cell adhesion molecule-related/down-regulated by oncogenes (Cdon) binding protein	no
C1qtnf6	C1q and tumor necrosis factor related protein 6	no
Cald1	caldesmon 1	yes
Casp12	caspase 12	no
Ccdc80	coiled-coil domain containing 80	yes
Ckap4	cytoskeleton-associated protein 4	no
Cnn3	calponin 3, acidic	yes
Col12a1	procollagen, type XII, alpha 1	no
Col1a1	procollagen, type I, alpha 1	yes
Col1a2	procollagen, type I, alpha 2	yes
Col3a1	procollagen, type III, alpha 1	yes
Col5a2	procollagen, type V, alpha 2	yes
Col6a1	procollagen, type VI, alpha 1	no
Col6a2	procollagen, type VI, alpha 2	no
Crtap	cartilage associated protein	yes
Cthrc1	collagen triple helix repeat containing 1	no
Cx3cl1	chemokine (C-X3-C motif) ligand 1	yes
Cyp1b1	cytochrome P450, family 1, subfamily b, polypeptide 1	yes
Dpy19l3	dpy-19-like 3 (C. elegans)	no
Efnb2	ephrin B2	yes
Fbn1	fibrillin 1	yes
Fgfr1	fibroblast growth factor receptor 1	yes
Figf	c-fos induced growth factor	no
Fkbp10	FK506 binding protein 10	yes
Fkbp14	FK506 binding protein 14	yes
Fstl1	follicle-stimulating-like 1	yes
Fzd1	frizzled homolog 1 (Drosophila)	yes
Ggcx	gamma-glutamyl carboxylase	no
Gpc6	glypican 6	yes
Gpr124	G protein-coupled receptor 124	yes
Gpr153	G protein-coupled receptor 153	no
Gpr177	G protein-coupled receptor 177	yes
Gpr180	G protein-coupled receptor 180	no
Gpx7	glutathione peroxidase 7	no
Grb10	growth factor receptor bound protein 10	no
Hhat	hedgehog acyltransferase	no
Hic1	hypermethylated in cancer 1	no
Id3	inhibitor of DNA binding 3	yes
Il6st	interleukin 6 signal transducer	yes
Irx3	Iroquois related homeobox 3 (Drosophila)	no
Kdelc2	KDEL (Lys-Asp-Glu-Leu) containing 2	no
Lepre1	leprecan 1	no
Lgals7	lectin, galactose binding, soluble 7	no
Lix1l	Lix1-like	yes
Lox	lysyl oxidase	no
Map1lc3a	microtubule-associated protein 1 light chain 3 alpha	no
Mgp	matrix Gla protein	yes
Mmp2	matrix metalloproteinase 2	no
Mrc2	mannose receptor, C type 2	no
Msx1	homeo box, msh-like 1	yes
Mxd4	Max dimerization protein 4	no
Mxra8	matrix-remodelling associated 8	yes
Oat	ornithine aminotransferase	no
Obs1	obscurin-like 1	no
Pcolce	procollagen C-endopeptidase enhancer protein	yes
Pdgfrb	platelet derived growth factor receptor, beta polypeptide	yes
Pdzrn3	PDZ domain containing RING finger 3	yes
Pkd2	polycystic kidney disease 2	yes

Plekhf1	pleckstrin homology domain containing, family F (with FYVE domain) member 1	no
Plekhg4	pleckstrin homology domain containing, family G (with RhoGef domain) member 4	no
Pls3	plastin 3 (T-isoform)	yes
Postn	periostin, osteoblast specific factor	yes
Ppap2a	phosphatidic acid phosphatase 2a	yes
Ppic	peptidylprolyl isomerase C	yes
Prelp	proline arginine-rich end leucine-rich repeat	yes
Prkcdp	protein kinase C, delta binding protein	yes
Prrx1	paired related homeobox 1	yes
Rab40b	Rab40b, member RAS oncogene family	no
Rcn1	reticulocalbin 1	yes
Rcn3	reticulocalbin 3, EF-hand calcium binding domain	no
Ror1	receptor tyrosine kinase-like orphan receptor 1	yes
Scarf2	scavenger receptor class F, member 2	no
Sdc2	syndecan 2	yes
Sec23a	SEC23A (<i>S. cerevisiae</i>)	no
Serpinf1	serine (or cysteine) peptidase inhibitor, clade F, member 1	yes
Serpinh1	serine (or cysteine) peptidase inhibitor, clade H, member 1	yes
Sgce	sarcoglycan, epsilon	yes
Slc2a10	solute carrier family 2 (facilitated glucose transporter), member 10	no
Slc35a2	solute carrier family 35 (UDP-galactose transporter), member 2	no
Smoc2	SPARC related modular calcium binding 2	yes
Sorbs1	sorbin and SH3 domain containing 1	yes
Sparc	secreted acidic cysteine rich glycoprotein	yes
Spin4	RIKEN cDNA 9630042H07 gene	no
Svep1	sushi, von Willebrand factor type A, EGF and pentraxin domain containing 1	no
Synpo	synaptopodin	yes
Tbx15	T-box 15	no
Tdrd3	tudor domain containing 3	no
Tgfb1i1	transforming growth factor beta 1 induced transcript 1	yes
Tmem119	transmembrane protein 119	no
Twist1	twist gene homolog 1 (Drosophila)	yes
Vasn	vasorin	yes
Zfp449	zinc finger protein 449	no

97 **Total mesenchyme cluster genes**
53 **Total shared in top 5% expressed by enriched splenic FDC**
54.6 % shared

*, Normalised expression data from Huber *et al.* (2005) *J. Immunol.* **174**: 5526-5536 (GSE2123) performed on Affymetrix mouse genome U74v2 expression arrays