

Table S7. Upregulated morphogenesis genes

Gene symbol	Gene name
Ank	Progressive ankylosis
Anxa2	Annexin A2
Arhgap15	Rho GTPase activating protein 15
Bmp7	Bone morphogenetic protein 7
Cobl	Cordon-bleu
Crb3	Hypothetical protein 5730439B18
Cxcl13	Chemokine (C-X-C motif) ligand 13
Cxcr4	Chemokine (C-X-C motif) receptor 4
Dpysl5	Dihydropyrimidinase-like 5
Egr2	Early growth response 2
Emx2	Empty spiracles homolog 2 (Drosophila)
Epb4.2	Erythrocyte protein band 4.2
Fgfr2	Fibroblast growth factor receptor 2
Gata4	GATA binding protein 4
Gli3	GLI-Kruppel family member GLI3
Hoxa1	Homeo box A1
Hoxd1	Homeo box D1
Hoxd13	Homeo box D13
Hoxd8	Homeo box D8
Ilk	Integrin linked kinase
Mbp	Myelin basic protein
Myl2	Myosin, light polypeptide 2, regulatory, cardiac, slow
Nedd9	Neural precursor cell expressed, developmentally down-regulated gene 9
Nos3	Nitric oxide synthase 3, endothelial cell
Nrp2	Neuropilin 2
Ostm1	Grey lethal osteopetrosis
Phlda2	Tumor-suppressing subchromosomal transferable fragment 3
Prelp	Proline arginine-rich end leucine-rich repeat
Prkar2b	Protein kinase, cAMP dependent regulatory, type II beta
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Rnd1	RIKEN cDNA A830014L09 gene
Ror2	Receptor tyrosine kinase-like orphan receptor 2
Runx2	Runt related transcription factor 2
Scrib	Scribble homolog 1 (Drosophila)
Slit2	Slit homolog 2 (Drosophila)
Socs3	Suppressor of cytokine signaling 3
Spry2	Sprouty homolog 2 (Drosophila)
Tpm3	Tropomyosin 3, gamma
Wnt7a	Wingless-related MMTV integration site 7A