

Supplemental File 5. Genes hits in GO analysis

Cell Motility & Tube Development			Cell Motility & Cell Projection Organization			Tube Development & Cell Projection Organization		
Total:42	FC	p_val	Total: 56	FC	p_val	Total: 25	FC	p_val
Vegfa	2.67	0.0295	Vegfa	2.67	0.0295	Vegfa	2.67	0.0295
Hgf	1.71	0.0467	Hgf	1.71	0.0467	Hgf	1.71	0.0467
Shh	1.34	0.0212	Shh	1.34	0.0212	Shh	1.34	0.0212
Fgf8	1.26	0.0349	Fgf8	1.26	0.0349	Fgf8	1.26	0.0349
Nog	1.30	0.0473	Nog	1.30	0.0473	Nog	1.30	0.0473
Bmp4	1.24	0.0460	Bmp4	1.24	0.0460	Bmp4	1.24	0.0460
Isl1	4.72	6.9E-06	Isl1	4.72	6.9E-06	Isl1	4.72	6.9E-06
Ntrk2	1.91	0.0286	Ntrk2	1.91	0.0286	Ntrk2	1.91	0.0286
Cdh13	1.63	0.0455	Cdh13	1.63	0.0455	Cdh13	1.63	0.0455
Cav1	1.48	0.0141	Cav1	1.48	0.0141	Cav1	1.48	0.0141
Efna1	1.31	0.0350	Efna1	1.31	0.0350	Efna1	1.31	0.0350
Adamts1	1.31	0.0362	Adamts1	1.31	0.0362	Adamts1	1.31	0.0362
Ptn	1.25	0.0095	Ptn	1.25	0.0095	Ptn	1.25	0.0095
Mylk	0.72	0.0273	Mylk	0.72	0.0273	Mylk	0.72	0.0273
Fuz	0.41	1.9E-06	Fuz	0.41	1.9E-06	Fuz	0.41	1.9E-06
Lef1	0.83	0.0447	Gfra3	1.95	0.0091	Foxd1	1.68	0.0484
Gli1	0.58	0.0060	Celsr3	1.75	0.0202	Dact1	1.60	0.0335
Sox8	0.50	0.0022	Chl1	1.55	0.0494	Adm	5.65	0.0109
Scg2	5.71	3.5E-05	Phox2b	4.57	0.0012	Adora2a	2.31	0.0012
Edn1	2.13	0.0041	Tnr	4.33	0.0068	Efna3	1.81	0.0218
Flt1	2.02	0.0109	Drc1	2.08	0.0361	Tbx6	1.72	0.0488
Lox	1.47	0.0380	Unc5d	1.98	0.0137	Hey1	1.36	0.0414
Dll4	1.46	0.0076	Sema4g	1.94	0.0052	Id1	1.33	0.0030
F3	1.37	0.0093	Cfap54	1.89	0.0080	Dicer1	0.76	0.0155
Vegfb	1.36	0.0314	Grin1	1.81	0.0477	Serpine2	0.73	0.0316
Mmp9	1.35	0.0310	Ccdc141	1.73	0.0175			
Hdac9	1.35	0.0318	Trim46	1.65	0.0164			
Emc10	0.80	0.0144	Mapk15	1.63	2.2E-05			
Syk	0.77	0.0163	Ccdc65	1.63	0.0293			
Abcc8	0.74	0.0497	Icam1	1.59	0.0114			
Cyp1b1	0.68	0.0038	Sema6b	1.56	0.0390			
Itgb2	0.59	0.0034	Phactr1	1.55	0.0211			
Il18	0.52	0.0141	Matn2	1.54	0.0261			
Cx3cr1	0.51	0.0002	Mif	1.51	0.0168			
Myocd	0.48	4.0E-05	Artn	1.49	0.0323			
Ascl1	0.37	5.2E-05	Efemp1	1.48	0.0317			
Ccr2	0.35	1.4E-06	Rsph9	1.40	0.0189			
Nodal	0.27	0.0110	Rac3	1.35	0.0310			
Apob	0.19	1.1E-04	Sema3f	1.22	0.0442			
Hrg	0.09	0.0070	Plaa	0.82	0.0250			
Plg	0.05	0.0016	Hsp90aa1	0.79	0.0423			
Edn2	0.05	0.0013	Coro1a	0.79	0.0457			
			Plxna1	0.78	0.0123			
			Csf1r	0.68	0.0260			
			Rac2	0.67	0.0043			
			Nckap1l	0.64	4.6E-04			
			Shtn1	0.63	0.0387			
			Cntn2	0.61	0.0255			
			Clrn1	0.52	1.2E-06			
			Sema7a	0.51	0.0191			
			P2ry12	0.50	0.0111			
			Pou4f1	0.44	0.0301			
			Trem2	0.44	5.6E-04			
			Ccr7	0.44	0.0426			
			Dnaic1	0.35	0.0099			
			Myoc	0.20	0.0190			