

Table S1. Altered gene expression in OP9 cells by the coculture with KOBA cells

Genes overexpressed in OP9/L cells						
Genes	Ratio (log2)		Genes	Ratio (log2)	Genes	Ratio (log2)
Fosb	6.20		Bhlhe40	2.40	Ntrk3	1.72
Ubd	5.73		Junb	2.40	Btg1	1.72
Fos	5.63		Sym	2.38	Cx3cl1	1.71
Cd74	5.31		Tgtp2	2.36	Cxcr7	1.71
C3	5.24		Icam1	2.36	H2-T23	1.71
Gdpd2	5.20		Ier3	2.29	Map3k8	1.70
Ccl5	5.16		Sphk1	2.26	H2-Q2	1.70
Cxcl1	5.06		Tifa	2.22	Enpp3	1.69
Zfp36	5.00		Socs3	2.21	C1ra	1.69
Mmp13	4.94		Apoe	2.16	Cnm4	1.67
Cfb	4.94		Arid5a	2.08	Irf1	1.67
Lcn2	4.71		Egr4	2.08	H2-M2	1.66
Ccl2	4.54		Nrg1	2.08	P2rx4	1.66
Nrp2	4.30		Cp	2.08	Pcdhb7	1.65
C4b	4.22		Malat1	2.08	Speer4b	1.65
Serpina3g	4.13		Bmper	2.05	H2-D1	1.64
Mt1	3.97		Tnxb	2.04	Dclk1	1.64
Enpp2	3.83		Postn	2.00	Adamts9	1.63
Chadl	3.62		Pim1	2.00	Ankrd37	1.63
Crip1	3.61		Nat8	1.99	Adamts9	1.63
Jun	3.44		Ppp1r15a	1.99	Slit2	1.61
Mt2	3.44		Eno2	1.97	Zc3h12a	1.61
Atf3	3.36		Pip5k1a	1.97	Ptgir	1.61
Zmynd15	3.34		Tnfsf11	1.97	Ank3	1.60
Knk1	3.21		Slco1a5	1.95	Ly6e	1.59
H2-K1	3.15		Ninl	1.93	Car15	1.59
Lrg1	3.10		Nr4a1	1.91	Hist1h1c	1.59
Nfkbiz	3.09		Socs1	1.90	Rarres2	1.59
Ier2	3.02		Sparcl1	1.88	Bcl3	1.58
Ramp2	3.01		Tgm2	1.88	Slc12a5	1.57
Cxcl5	2.86		H2-K2	1.86	Plod2	1.57
Tlr2	2.85		H2-B1	1.85	Med12	1.57
Chrdl1	2.85		Spns2	1.84	Rgs11	1.57
Ak4	2.83		Slc23a3	1.84	Ism1	1.56
Ccl7	2.78		Igsf3	1.83	Arrdc4	1.55
Sfrp4	2.72		Agt	1.82	Lifr	1.55
Ptgs2	2.72		Col3a1	1.79	Hes1	1.55
Apod	2.71		Gpr146	1.79	Dpysl3	1.54
Dnahc6	2.71		Dusp1	1.78	Gcm1	1.54
Vpreb1	2.66		Nfkbia	1.78	Cygb	1.52
Apln	2.63		Cfh	1.78	Ablim1	1.52
Dtx4	2.61		Ltbp2	1.77	Fgd6	1.51
Sfrp2	2.60		Kif21b	1.77	Il6	1.47
Nfkbie	2.53		Ninl	1.77	Col20a1	1.34
Gfra4	2.53		H2-Q7	1.76	Cdh11	1.27
Btg2	2.50		C1rb	1.75	Pdgfra	1.22
C1s	2.49		Egr2	1.74	Cdh26	1.05
Tgfb1	2.43		Cxadr	1.73	Vegfa	0.66
Frat2	2.40		H2-Q6	1.73		
Esm1	2.40		Scara5	1.72		

Genes underexpressed in OP9/L cells

Genes	Ratio (log2)	Genes	Ratio (log2)	Genes	Ratio (log2)
Cdkn2b	-0.96	Eif2s3y	-1.72	Cdkn1c	-2.18
Cdkn1a	-1.06	Ddx3y	-1.73	Cryab	-2.18
Cdkn1b	-1.16	Svop	-1.73	Cd109	-2.18
Cdkn3	-1.30	Sorbs2	-1.73	Mgp	-2.19
Pde1b	-1.50	Slitrk5	-1.77	Gcnt1	-2.22
Cd44	-1.50	S100a4	-1.77	Tbc1d2	-2.22
Tram111	-1.51	Dlk1	-1.78	Mfap5	-2.23
Filip1l	-1.52	Tes	-1.78	Cd24a	-2.28
Lmcd1	-1.52	H19	-1.83	Chac1	-2.30
Gale	-1.52	Scx	-1.84	Klhdc9	-2.36
Hspb1	-1.53	Itgad	-1.86	Bcat1	-2.41
Cd97	-1.53	Myom1	-1.86	Anxa8	-2.43
Ass1	-1.56	Fgd3	-1.88	Inhba	-2.53
Rassf7	-1.56	Sncg	-1.92	Pdlim5	-2.68
Hps1	-1.60	Scrn1	-1.95	Prl2c5	-2.93
Atp9a	-1.60	Lgr5	-1.97	Siglecg	-2.99
Rem1	-1.60	Lbh	-1.99	Ifi27l2a	-3.00
Sdr39u1	-1.62	Des	-2.00	Prl2c5	-3.01
Smarca1	-1.62	Npas4	-2.03	Plb1	-3.52
Dysf	-1.63	Cryab	-2.04	Syt10	-3.62
Trim16	-1.63	Aif1l	-2.05	Aldh1a7	-3.84
Mogat2	-1.64	S100b	-2.08	Tmem184a	-4.40
Ndr4	-1.65	Mcf2l	-2.10		
Col18a1	-1.66	Cnn1	-2.11		
Idi1	-1.68	Mirg	-2.14		
Comp	-1.70	Sykb	-2.17		