

Genes upregulated in hnRNP K KD and Setdb1 KO (54)

Red = SETDB1-bound and/or marked by SETDB1-dependent H3K9me3 (30)

Cd97	Ddit4l
Casp14	Igf2
Taf7l	Wfdc15a
Dazl	Zscan4c
Gadd45b	Foxi3
Sdc4	Dub1a
Pltp	Tex101
Perp	Slc25a31
Mdm2	Zscan4f
Ccng1	Gm12794
Btg2	C4b
Id2	Acad11
Plk2	Zscan4d
Anxa8	
1190002H23Rik	
Cdkn1a	
Eps8l2	
Cd55	
Chit1	
1700007K13Rik	
Cyr61	
Trp53inp1	
Tinagl1	
Abcb1b	
Lrpap1	
Agpat9	
Slc25a4	
Gabarapl2	
Tbx20	
Glt25d2	
Wnt6	
Cml2	
Rtkn	
Gm12800	
Vnn1	
Ltb4r2	
Mael	
Dub3	
Ly6k	
Ankrd45	
8030474K03Rik	

Genes upregulated in common between hnRNP K KD and Kap1 KO (81)

Bgn	Perp
Tmem92-ps	Mdm2
Gm13078	Ccng1
BC080695	Btg2
Arg2	Plk2
Usp17l5	Anxa8
Gm13109	Cdkn1a
Gm5699	Eps8l2
Gm4778	Cd55
Gm4858	Chit1
Gm5698	1700007K13Rik
Gm5662	Cyr61
Col4a2	Tinagl1
Col4a1	Abcb1b
Sct	Lrpap1
Cryab	Agpat9
Dkk1	Slc25a4
Dab2	Wnt6
Gata6	Cml2
Tmem132c	Rtkn
Dkk1l	Gm12800
Svop	Vnn1
Ptges	Ltb4r2
Finc	Dub3
Fbp2	Ly6k
Islr2	8030474K03Rik
Vgll3	Ddit4l
Cpeb2	Igf2
Wls	Dub1a
Pros1	Gm12794
Phlda1	Acad11
A430110N23Rik	Zscan4d
Snai1	
Matn1	
Nkx2-9	
Gprc5a	
Lgals3	
Zbtb10	
Calcoco2	
Ctgf	
Cd63	
Fabp3	
Pmepa1	
Atp6ap1	
Mfge8	
Tpp1	
Mfsd1	
Sdc4	
Pltp	

Genes upregulated in Setdb1 KO, Kap1 KO and hnRNPK KD cells (33)

<u>Gene</u>	<u>BioGPS expression pattern</u>
Sdc4	Epidermis, Macrophage, Bone marrow
Pltp	Lung, Macrophage, Eye
Perp	Ubiquitous
Mdm2	Ubiquitous
Ccng1	Ubiquitous
Btg2	Ubiquitous
Plk2	M-1, Brain, Macrophage
Anxa8	Ubiquitous
Cdkn1a	Ubiquitous
Eps8l2	M-1, Intestine, Placenta
Cd55	Mast cells, Brain
Chit1	Epidermis, Stomach
1700007K13Rik	Testis, ESCs
Cyr61	M-1, Umbilical cord, Osteoblasts
Tinagl1	Placenta
Abcb1b	Adrenal gland, Ovary
Lrpap1	Kidney
Agpat9	Intestin, Adipose, B-cells
Slc25a4	Skeletal muscle, Adipose, Brain
Wnt6	Ovary, Bone marrow
Cml2	Liver
Rtkn	Salivary gland, Brain, ESCs
Gm12800	Unknown
Vnn1	Blastocyst, Kidney, Placenta
Ltb4r2	Cornea
Dub3	Unknown
Ly6k	Testis
8030474K03Rik	Neuro2a, testis, ESCs
Ddit4l	Ubiquitous
Igf2	Umbilical cord, Placenta, Osteoblasts
Dub1a	Ubiquitous
Gm12794	Ubiquitous
Acad11	Liver, Kidney, Adipose
Zscan4d	Unknown

Unknown = data not available