

Table S2: Summary of Microarray Analysis (fold change ≥ 2.0 in both *mll*-MO1 and *mll*-MO2 injections)

Gene ID	Up-regulation by MO injection (fold change)	
	<i>mll</i> -MO1	<i>mll</i> -MO2
Bbc3	4.68	36.26
Calcoco2	2.28	3.48
Casp8	4.49	46.8
Ccng1	4.13	10.4
Fhit	2.2	4.74
Fos	5.34	52.01
Foxo5	2.95	16.86
Gadd45 α a (Gadd45a)	6.98	224.44
Gsg11	3.36	2.4
Gtpbp11	2.7	10.93
Immt	2.83	2.09
Jag1b	2.14	2.1
Lnx1	6.22	28.08
Lrn3	2.35	3.18
Lym1	2.49	10.2
Mdm2	3.12	16.78
Mmp2	3.51	10.04
Moat-C	2.87	18.13
Parp3	2.51	7.87
Pdx1	2.06	2.82
Penk	2.52	2.73
Phlda3	5.73	53.46
Rasl11b	2.19	4.6
Slc4a2a	2.69	10.71
Sox17	2.5	2.73
Tp53	2.39	4.29
Vrk2	2.09	10.75

Gene ID	Down-regulation by MO injection (fold change)	
	<i>mll</i> -MO1	<i>mll</i> -MO2
Acox3	2.93	7.72
Atm	2.65	3.63
Caspb	2.58	3.41

Cmn	2.44	2.56
Crhbp	2.57	2.45
Eef2L	2.98	2.39
Eng2b	4.37	12.45
Evx1	2.44	2.1
Fgd	2.25	3.17
Fkbp10	2.55	2.29
Fli1b	3.35	3.82
Foxn4	3.03	2.67
Gata1	4.42	22.46
Gfap	4.94	27.59
Gfi1.1	2.6	4.7
Hmx1	2.4	3.12
Hmx4	3.62	3.28
Hoxa10b	2.1	2.23
Hoxa13b	2.12	2.43
Hoxa2b	2.05	4.11
Hoxd3a	2.25	2.63
Igfbp1b	3.54	2.92
Insm1b	2.31	2.1
Kcnip1b	2.42	3.4
Kdr1	2.33	2.31
Khdrbs1	2.46	2.08
Klhl31	2.7	2.03
Krml2	2.23	2.72
Lbx1a	2.8	4.35
Lmo2	2.14	2.04
Neurod	2.77	3.03
Neurod4	2.57	3.38
Nkx2.3	2.62	2.44
Ntnlb	2.47	4.6
Oxct1a	2.49	2
Pcdhlg18	2.14	3.12
Plpla	2.31	8.68
Pou1	2.32	6.36
Pou12	2.27	14.53
Rhcg	3.08	2.86
Rx2	2.79	10.62
Sox1b	2.9	5.68
Sst1	3.11	4.2
Stmn1b	5.4	6.79
Wnt16	2.62	5.1