

Supplemental Figure 7. Most significant *Runx1* target genes identified in microarray analysis.

The top 30 genes upregulated and top 30 genes downregulated in *Runx1* KO colon are listed. Rankings are based on P values that were derived as described in the Methods section. Fold changes represent log base 2 values.

**upregulated in *Runx1*
KO**

GeneName	SystematicName	logFC	P.Value
1810030J14Rik (Mptx)	NM_025470	5.757692843	1.63E-07
Pnliprp2	NM_011128	5.215545203	5.70E-07
9030623N16Rik (Duaxa2)	NM_025777	2.225191458	7.77E-07
Retnlb	NM_023881	4.00415473	2.40E-06
Prlpm	NM_019991	2.907227332	3.27E-06
C4bp	NM_007576	1.932587853	6.61E-06
Igh-VJ558	BC004786	1.617860523	1.77E-05
Krtap16-7	NM_130875	2.03092357	2.00E-05
Hemt1	AJ242831	0.933943477	3.23E-05
Crisp3	NM_009639	1.448452515	3.43E-05
Cd55	AK030285	1.128926456	3.71E-05
Mlze	NM_031378	2.263532552	3.86E-05
Frmd3	NM_172869	1.522260827	4.64E-05
Ang1	NM_007447	3.146937983	6.07E-05
Clps	NM_025469	2.344364538	6.09E-05
Es1	NM_007954	2.827801086	7.47E-05

Clca3	NM_017474	2.605255844	7.69E-05
ENSMUST00000089814	ENSMUST00000089814	1.650682139	9.73E-05
9930109F21Rik	NM_183194	2.237190876	0.000102432
9030611K07Rik	NM_001001495	1.482020541	0.000106486
St3gal6	NM_018784	1.479578256	0.000114919
Igj	NM_152839	1.7948967	0.000116364
AI987692	NM_177912	2.457401038	0.000148348
X78107	X78107	3.117092791	0.000153778
Ang3	U72672	3.496373494	0.000165558
Ang4	NM_177544	3.67300839	0.00016845
Ang2	NM_007449	3.374637044	0.000203924
Tgn	NM_009375	1.021730071	0.000211181
2010309G21Rik	AK008551	3.143594509	0.00023849

**downregulated in Runx1
KO**

GeneName	SystematicName	logFC	P.Value
		-	
2210020M01Rik	NM_183259	0.774102873	0.000167414
		-	
Siglecf	NM_145581	1.583324772	0.000192664
Indo	NM_008324	-2.39132882	0.000198702
		-	
Hsd17b2	NM_008290	0.735816425	0.000427566
		-	
Cd300lf	NM_145634	2.015205905	0.000709416
		-	
Rorc	NM_011281	0.809173427	0.001007035

Slc35e3	NM_029875	-1.09322822	0.001163408
		-	
Ehf	NM_007914	0.670526278	0.001247631
		-	
Pclo	NM_011995	0.614217606	0.001701841
		-	
Cyp4f14	NM_022434	0.572621625	0.001884906
		-	
Rbp2	NM_009034	0.612105488	0.002151015
		-	
Mt1	NM_013602	0.978287661	0.00226052
		-	
AK008281	AK008281	0.467190885	0.002289666
		-	
Abcb1b	NM_011075	1.004531777	0.002467114
		-	
Slc4a8	NM_021530	0.636341596	0.002477857
		-	
Slc6a13	NM_144512	0.748796142	0.002929949
		-	
Cmah	NM_007717	0.695990671	0.002942172
		-	
Abcb4	NM_008830	0.840833761	0.003058603
		-	
Spa17	NM_011449	0.484219249	0.003066261
		-	
Abcc5	NM_013790	0.717480571	0.003092012
		-	
Lrrn6d	NM_177250	0.508464055	0.003230045

Egf	NM_010113	0.714817814	0.003285601
LOC667885	XM_993103	0.690719094	0.003508458
Tnrc4	NM_172434	0.628487069	0.003633636
Adam18	NM_010084	1.161321529	0.00383398
Slc6a7	NM_201353	0.506531999	0.004026579
Nrg4	NM_032002	1.016379727	0.004136311
Nov	NM_010930	1.069044759	0.004181755
Pdxk	NM_172134	0.730018405	0.004226695
AF055908	AF055908	0.786811708	0.0043088