Supplementary Table 3. Effect of *Mef2c*-deficiency on the expression of the genes in cluster 37 in the spleen.

Cluster 37 genes	*Mef2c*$^{-/-}$ mean gene expression level (log_2)[a]	Wild-type mean gene expression level (log_2)	Fold change (Mef2c$^{-/-}$ /WT)[b]	Effect of *Mef2c*-deficiency on gene expression[c]
Abca1				n/a
AY512938				n/a
Ccr6	12.1	14.0	-3.6	down-regulated
Cd200	11.1	12. 2	-2.1	down-regulated
Chst10				n/a
Daf2	n/a	n/a		n/a
Dclk2	9.4	11. 4	-3.8	down-regulated
Dexi	12.5	13.9	-2.7	down-regulated
Erp27	1.7	2.9	-2.4	down-regulated
Fam69a	10.7	11.2	-1.32	unchanged
Fcer2a	11.6	16.0	-22.2	down-regulated
Fchsd2	12.2	12.9	-1.6	unchanged
Gdf11	5.5	6.7	-2.3	down-regulated
Gm10759				n/a
Gm608				n/a
Gpr137c	6.8	7.7	-1.9	unchanged
Gpr174				n/a
Grap2	11.2	13.0	-3.5	down-regulated
Gvin1	11.8	13.4	-3	down-regulated
Icosl	4.8	8.4	-12.4	down-regulated
Isg15				n/a
Lrrk2				n/a
Ms4a4c				n/a
Pxdc1/1300014I06Rik	12.8	14.1	-2.5	down-regulated
Slc4a3	1.9	4.1	-4.5	down-regulated
Shank1				n/a
Neurl3	11.1	13.2	-4.3	down-regulated
Rap1gds1	4.1	4.7	-1.6	unchanged
Rapgef4	5. 5	10.4	-30.3	down-regulated
Sh3bp2	9.9	10.6	-1.7	unchanged
Slc4a11	4.9	6.3	-2.7	down-regulated
Stap1	9.9	9.9	-1.0	unchanged
Usp53				n/a
Ysk4	4.0	6.9	-7.6	down-regulated
Zfp318	8.6	9.0	-1.4	unchanged

[a], These data were performed on Agilent 4 x 44K whole-mouse genome expression arrays (Agilent Technologies, Inc., Santa Clara CA, USA) and equivalent gene probe sets were compared. Data source, GSE34210 [1].

[b], Fold change in gene expression level in *Mef2c*$^{-/-}$ spleens when compared to wild-type controls.

[c], gene symbols in bold type and described as “down-regulated”, fold change >2.0 when compared with wild-type controls. n/a, an equivalent annotated probe set was not present on the array.

1. Debnath I, Roundy KM, Pioli PD, Weiss JJ, Weiss JH. Bone marow-induced Mef2c deficiency delays B-cell development and alters the expression of key B-cell regulatory proteins. Int Immunol 2013;25:99-115.