

Title: Supplementary Data 1.

Description: Differentially expressed genes in RNA-seq of WT vs Zfp541KO. The complete list of upregulated- and downregulated genes in Zfp541 KO, and their GO terms are shown.

Title: Supplementary Data 2.

Description: The complete gene list of the GO analyses for the clusters of DEGs in scRNA-seq. In each tub, shown are the complete list of GO terms for the clusters in upregulated- and downregulated- genes in scRNA-seq.

Title: Supplementary Data 3.

Description: The complete gene list of ZFP541-ChIP targets and their GO analyses. In each tub, shown are the complete list of ZFP541-ChIP nearest genes, ZFP541-binding sites resided within +/- 2 kb of the TSS (4,689 genes), those ZFP541-targets that were upregulated or downregulated in Zfp541 KO, their GO terms.

Title: Supplementary Data 4.

Description: The complete gene list of the GO analyses for the clusters of the ZFP541-target upregulated genes in scRNA-seq. In each tub, shown are the complete list of GO terms for the clusters in ZFP541-target upregulated genes in scRNA-seq.

Title: Supplementary Data 5.

Description: Primers and oligos used in this study