



**Figure 3. Differential gene expression in intestinal crypts and villi of Sigirr mutant and wild-type mice at P8.** Volcano plots showing differentially expressed genes (DEGs) in the crypt (A) and villus (B) of Sigirr mutant mice compared with wild-type (WT) littermates at P8. Dot plots showing the top-ranked DEGs in the crypt of Sigirr mutant mice compared with WT, (C). Gene Ontology (GO) term analysis of downregulated genes in the crypts of Sigirr mutant mice compared with WT, (D). Downregulation of lineage-specific cell genes in villus (E) and transcription factors (F) in Sigirr mutant crypts compared with WT. GO term analysis of DEGs in villus cells of Sigirr mutant mice compared with WT, (G).