



**Figure 2 Differential gene expression in intestinal crypts and villi during postnatal development.** Volcano plots showing differentially expressed genes (DEGs) in the crypt of P25 compared with to P8 (A) and P14 (D). Heatmaps showing DEGs in the crypt of P25 compared with P8 (B) and P14 (E). Bar plots of differentially regulated transcription factors (TFs) in crypt of P25 compared to P8 (C) and P14 (F). Volcano plot showing DEGs in villus of P25 compared with P8 (G) and P14 (H). Dot plots showing upregulated and downregulated TFs in P25 compared with P8 (I) P14 (J). Dot plots of upregulated and downregulated TFs of P25 compared with P8 (K). Bar plots showing differentially regulated TFs in villus of P25 compared to P14 (L). Immuno-fluorescence staining of the terminal ileum at different postnatal developmental stages (M).