

Description of Additional Supplementary Files

File name: **Supplementary Data 1**

Description: ToppGene and DAVID analysis of *Nr6a1*^{-/-} embryos compared to controls.

File name: **Supplementary Data 2**

Description: Differentially expressed genes (FDR<0.05) uniquely identified in *Cdx2P:Nr6a1* tailbuds, uniquely identified in *Gdf11*^{-/-} tailbuds, or common to both *Cdx2P:Nr6a1* and *Gdf11*^{-/-} tailbuds.