



Suppl. Figure 1. Bilodeau et al.

Further Characterization of p57Kip2^{-/-} pituitaries. A, B) Expression of *Prophet-of-Pit1* (Prop-1) is unaffected in p57Kip2^{-/-} pituitaries. C, D) Active Notch signaling in proliferating progenitors (BrdU, green) is shown by Hes1 (red) co-immunofluorescence. Hes1-positive cells increase in p57Kip2^{-/-} pituitaries in agreement with the expansion of proliferating progenitors. E, F) TUNEL assay (ApopTag) reveals a large number of apoptotic cells in p57Kip2^{-/-} (F) compared to normal e18.5 pituitaries (E). G-P) Note that differentiation of hormone-producing cells occur normally in knockout pituitaries as shown by expression of Tpit (G,H), Pit1 (I,J), SF1 (K,L), GH (M,N) and βLH (O,P).