



Supplemental Fig. 1. Photomicrographs of GFP-expressing cells in the arcuate (ARC) and the anteroventral periventricular nucleus (AVPV) of intact (A and C) and gonalectomized (GDX) male *Kiss1-CreGFP* mice. The distributions of GFP expression in the ARC (A-B) and the AVPV (C-D) are similar to the known distributions of *Kiss1* mRNA in those same regions (1). Furthermore, GDX induces GFP expression in the ARC (B) compared to that observed in intact animals (A). Relatively few GFP-expressing cells can be seen in the AVPV of intact male mice (C), and virtually none appear in GDX animals. ME = Median Eminence. 3V = Third ventricle.

Reference

1. Smith JT, HM Dungan, EA Stoll, ML Gottsch, RE Braun, SM Eacker, DK Clifton, RA Steiner 2005 Differential regulation of *KISS-1* mRNA expression by sex steroids in the brain of the male mouse. *Endocrinology* 146:2976-2984