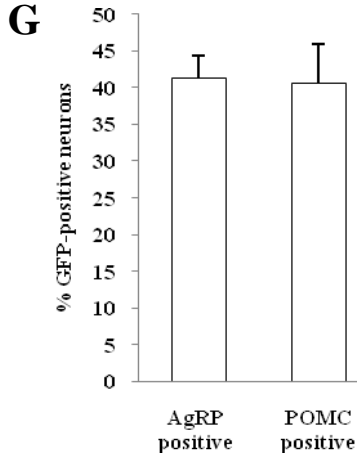
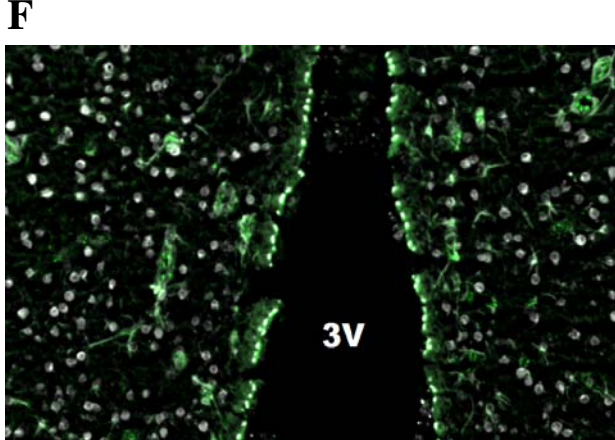
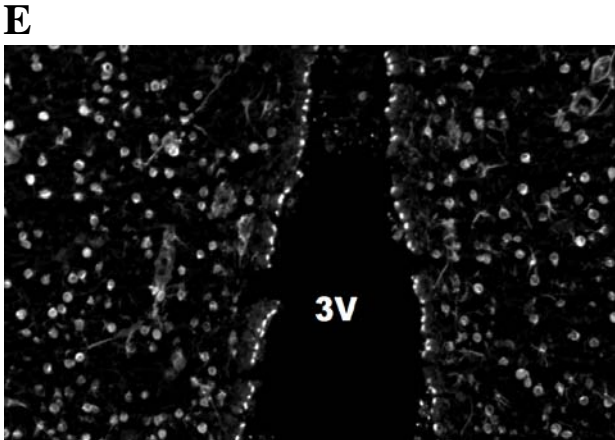
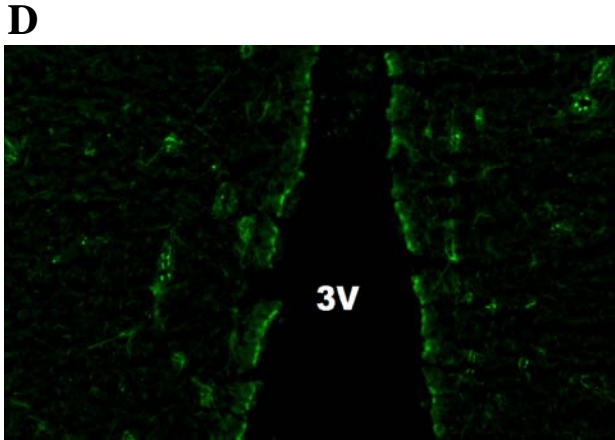
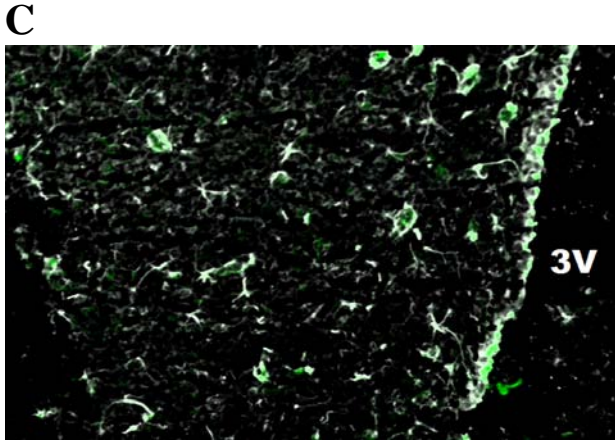
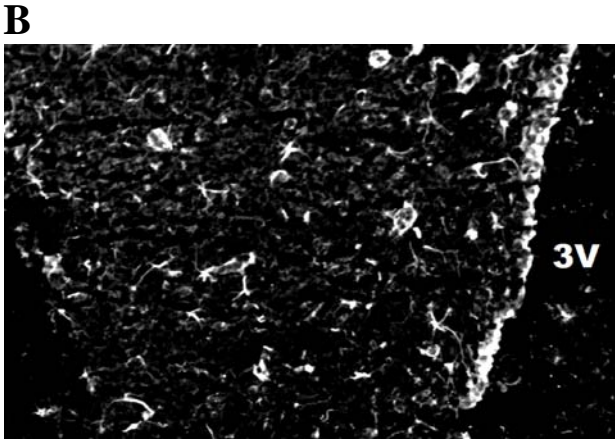
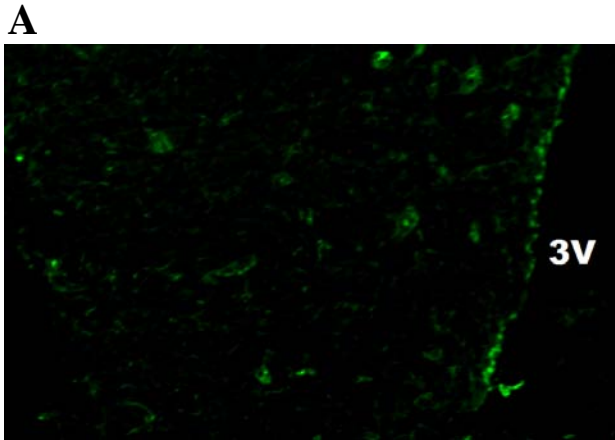


Supplemental Figure 1



Supplemental Figure Legend

Figure 1. Co-localization of GFP with AgRP and POMC in the mediobasal hypothalamus of Ad- GFP injected rats. *A, D:*

Representative immunofluorescence images showing GFP expression (green) in the mediobasal hypothalamus. ***B, E:***

Immunofluorescence staining for AgRP and POMC (tinted white) respectively in the mediobasal hypothalamus. ***C and F:*** Merged

images (***A and B, D and E***) show that GFP is co-localized with AgRP-positive and POMC-positive neurons of the arcuate nucleus. ***G:***

Percentage of GFP-positive neurons that express AgRP or POMC (n=4 for each group). 3V, third ventricle.