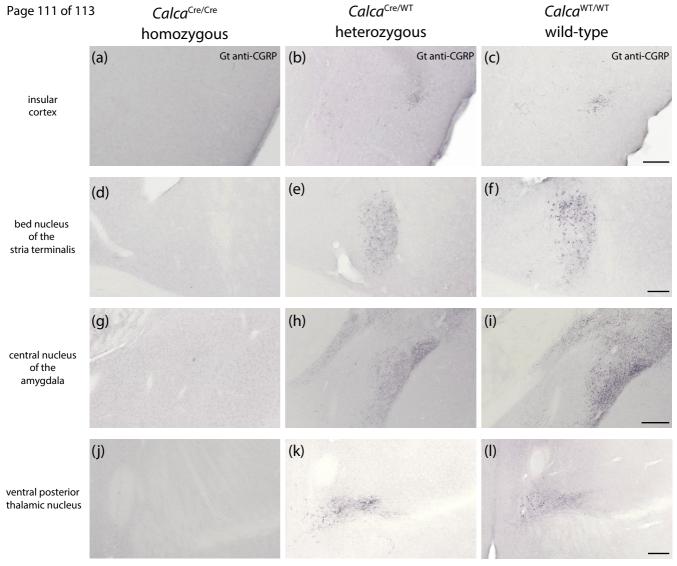
Supplemental Figure Legends

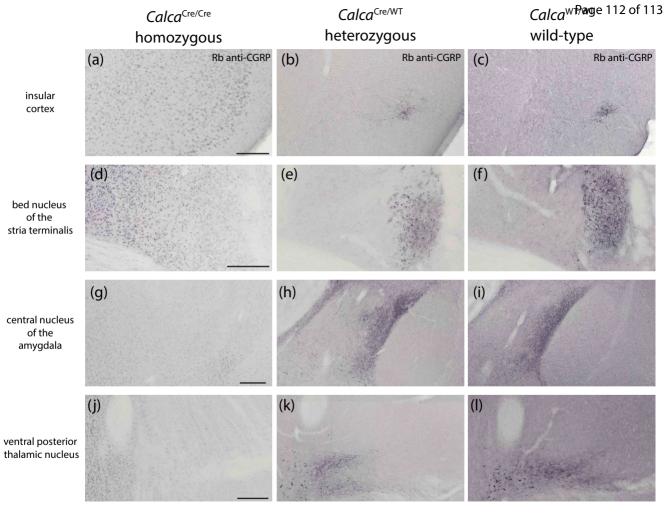
Supplemental Figure 1. NiDAB immunohistochemical labeling with goat anti-CGRP (Abcam #ab36001; see **Table 2**) in several brain regions in homozygous *Calca-Cre* mice (*Calca*^{Cre:/Cre}), heterozygotes (*Calca*^{Cre/WT}), and wild-type littermates (*Calca*^{WT/WT}). Wild-type and heterozygous mice exhibit labeling in previously reported distributions throughout the brain, with slightly less-intense labeling in heterozygotes. CGRP-like immunoreactivity was absent in homozygous mice. Scale bars are 200 μM.

Supplemental Figure 2. NiDAB immunohistochemical labeling with rabbit anti-CGRP (Peninsula #T-4032; see Table 2) in several brain regions in homozygous *Calca-Cre* mice (*Calca*^{Cre:/Cre}), heterozygotes (*Calca*^{Cre:/WT}), and wild-type littermates (*Calca*^{WT/WT}). Wild-type and heterozygous mice exhibit labeling in previously reported distributions throughout the brain, with slightly less-intense labeling in heterozygotes. Homozygous mice had a light, uniform background of nonspecific nuclear labeling, and did not have CGRP-like immunoreactivity in any brain region. Scale bars are 200 μM.

Supplemental Figure 3. Full distribution of Syp-mCherry-expressing neurons at all rostro-caudal levels through the injection site of each case used for full-brain analysis in this study. Nickel-diaminobenzidine (NiDAB) immunohistochemical labeling for dsRed (Syp-mCherry in somata, dendrites, and axons) is shown in black, along with blue thionin (Nissl) counterstaining to reveal cytoarchitecture.



Supplemental Figure 1



Supplemental Figure 2



Supplemental Figure 3