

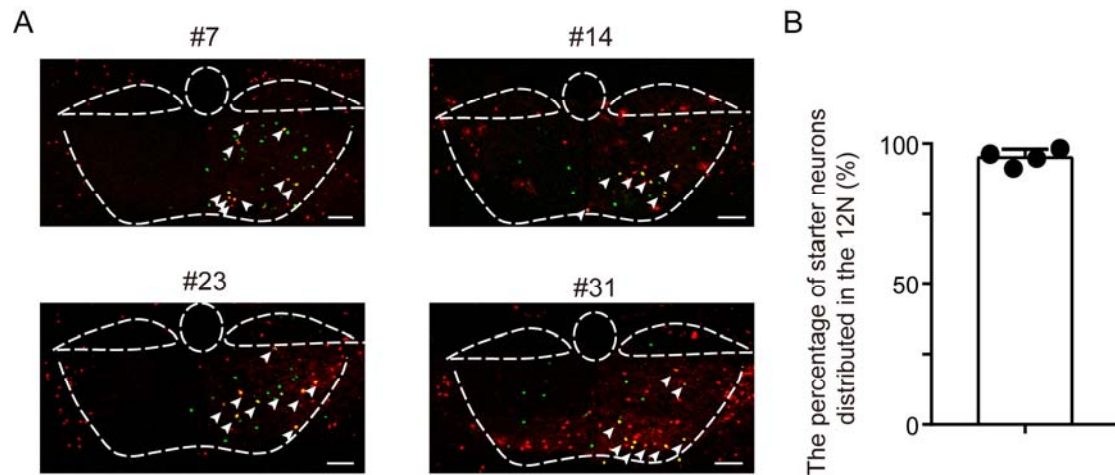


Fig. S1 Distribution and the percentage of starter neurons in the hypoglossal nucleus.

A Distribution of starter neurons (yellow, marked by arrowheads) in the hypoglossal nucleus of 4 mice (#7, #14, #23, #31) (scale bars, 100 μ m). **B** Percentages of starter neurons in the hypoglossal nucleus.

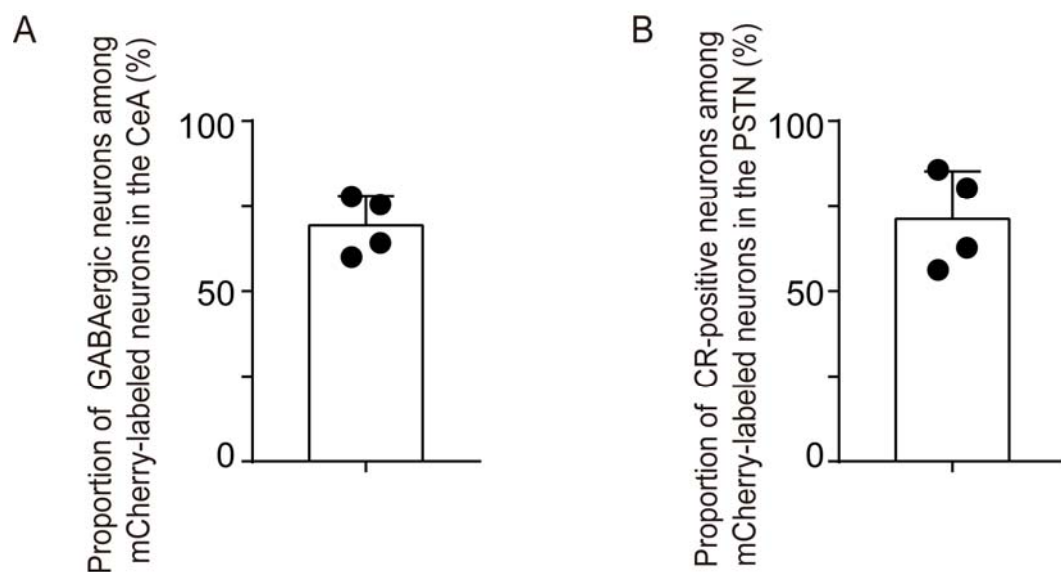


Fig. S2 mCherry-labeled neurons are co-localized with GABAergic neurons in the CeA and with CR neurons in the PSTN. **A** Proportion of GABAergic neurons among mCherry-labeled neurons in the CeA ($n = 4$). **B** Proportion of CR neurons among mCherry-labeled neurons in the PSTN ($n = 4$).

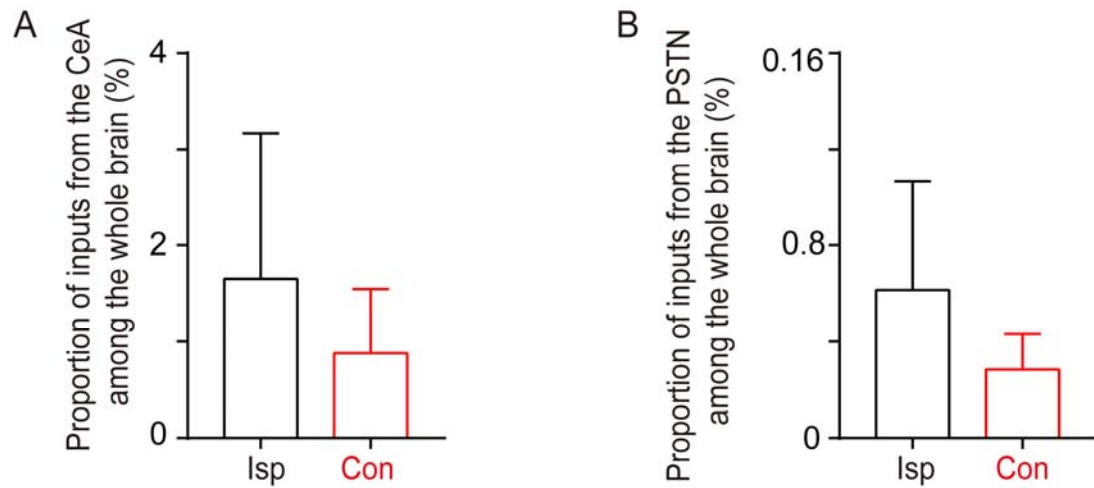


Fig. S3 Ipsilateral CeA and PSTN tend to have more DsRed-labeled neurons than those on the contralateral side. **A** Proportion of inputs from the ipsilateral and contralateral CeA among the whole brain. Data are the mean $\pm$ SEM, $n = 4$, $P = 0.1686$, paired t -test. **B** Proportion of inputs from the ipsilateral and contralateral PSTN among the whole brain. Data are the mean $\pm$ SEM, $n = 4$, $P = 0.1824$, paired t -test.