

Supplemental figure 1.
MS# JN-00341-2025R2

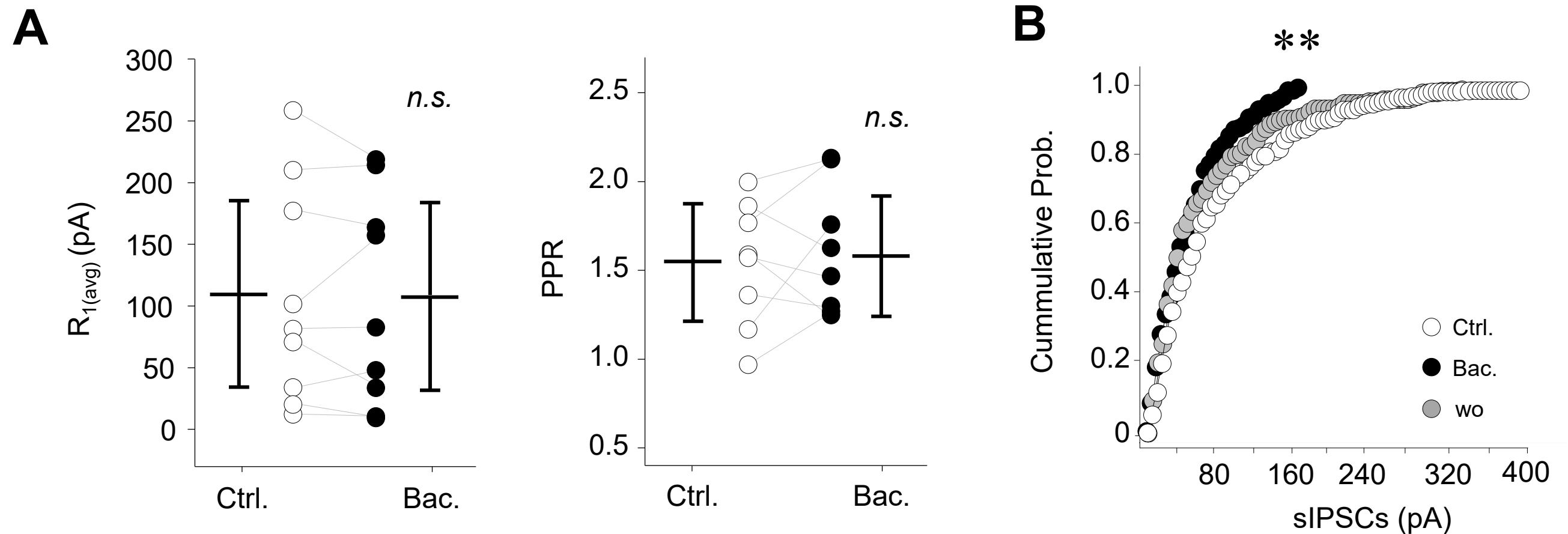


Figure S1. Effects of GABAB-receptor activation on GABAergic synaptic inputs to PnO neurons. A. R_1 peak amplitudes of eIPSCs (left) and PPRs (right) before (Ctrl.) and immediately following juxtacellular injection of 100 μM baclofen (50-150 ms/20-30 psi, Bac.); paired t-test: $N=9$, *n.s.*: *not significant*. Bars indicate the median \pm the interquartile range. **B.** Cumulative probability distribution of amplitude of spontaneous IPSCs (sIPSCs) sampled during a representative experiment illustrated in A; Plots were constructed by detecting consecutive events during 60-120 s gap-free recordings sampled before (Ctrl.), immediately following (Bac.) and 15 min after (wo: washout) baclofen injection. Immediately after baclofen injection, the cumulative probability distribution shifted leftward compared to control (*Kolmogorov-Smirnov test*: $D=0.36$, ****** $p<0.01$) indicative of a reduction in event amplitude with a suppression of larger events.