Table S2. Expression of Bursα, Bursβ, CCAP and Mip in CCAP-INs in *wit* mutants

Peptide hormone	*OK6* control	*OK6 wit*$^{-/-}$
Bursα[†]	100±32.8% (*n*=122)	106.1±34.4% (*n*=122); *P*=0.3
Bursβ[†]	100±44.0% (*n*=102)	85.6±26.6% (*n*=194); *P*=0.01*
CCAP[‡]	10.3±2.0 (*n*=16)	11.1±1.9 (*n*=15); *P*=0.21
Mip[‡]	7.5±2.3 (*n*=12)	7.1±1.6 (*n*=13); *P*=0.6

In *wit* mutants (*wit*$^{-/-}$), no change in CCAP, Mip or Bursα expression was observed in CCAP-INs. Bursβ expression was subtly downregulated with marginal significance, as illustrated in the scatter plot (below), which shows the distribution of normalized intensity of Bursβ expression in control animals and *wit* mutants, emphasizing the limited level of downregulation despite marginal statistical significance (mean ± s.d). Genotypes: *OK6* control (*OK6-GAL4, UAS-nEGFP/+; wit*^{A12}*/+*); *OK6 wit*$^{-/-}$ (*OK6-GAL4, UAS-nEGFP/+; wit*^{A12}*/wit*^{B11}).

[†]Expression for each peptide hormone is expressed as the relative (percentage) fluorescence intensity (normalized to the mean of the pertinent control) per individual CCAP-EN (*n*, the number of CCAP-ENs).

[‡]The number of CCAP-INs per VNC that express the peptide hormone (*n*, number of VNCs).

*Compared with pertinent control; NSD, no significant difference.