



Supplementary Figure 5: 5-HT, PYY and GLP-1 – evoked responses in individual afferent fibres.

- A. The 5-HT₃ receptor antagonist Granisetron (1μM) significantly inhibits response to 5-HT (300μM): N=7, $p=0.035$.
- B. The Y₂ receptor antagonist CYM 9484 (2μM) significantly inhibits response to PYY 300nM. N =6, $p=0.04$.
- C. GLP-1 response was significantly inhibited by the GLP-1 receptor antagonist Exendin 3-39 (100nM). N=8, $p=0.04$.

Responses to these agonists were concentration-dependent, and subthreshold concentrations of PYY (25nM) or GLP-1 (25nM) administered simultaneously caused significant activation compared to the individual responses added together (N=7, $p=0.006$ and 0.04, respectively).