

Supplemental Fig. 1. Positive and negative controls for GLP1 immunofluorescence.

(A) Left panel, transmitted light image of mouse pancreas (PAN) section including an islet. Right panel, immunohistochemistry shows positive GLP-1 labeling (green) of α -cells in the islet. (B-G) Adjacent circumvallate (CV) papillae sections. (B) CV papillae taste cells stained with primary and secondary antibodies displayed positive labeling for GLP-1 (green). (C) No GLP-1 labeling was observed when the secondary antibody was omitted. (D) No GLP-1 labeling was observed when the GLP-1 primary antibody was omitted. (E-G) No GLP-1 labeling was observed when the GLP-1 primary antibody was omitted and the following secondary antibodies alone were added: (E) Alexa 674 anti-goat, (F) Dylight 647 anti-guinea pig, and (G) Dylight 647 anti-rabbit. Scale bars = 20 μ m.

Supplementary Figure 1

