



Supplemental Figure 1 Ghrelin induced increases of intracellular calcium levels in GT1-7 cells. Representative images showing levels of $[Ca^{2+}]_i$ in cells, which were quantified by fluorescence ratio imaging. Cells were exposed to: A control saline, B 100 nM ghrelin, C 100 mM KCl, D calcium-free saline, saline containing 5 mM EDTA and 10 μ M ionomycin.