



Supplemental Figure S1. Timeline of operant training. Rats were initially placed on a 30 s fixed interval (FI 30 s) schedule for banana flavored sucrose pellet reinforcers for one day. Beginning on day 2, animals were manually shaped with a fixed ratio schedule 1 (FR1), in which each single correct response was rewarded with a sucrose pellet. Following consistent responding to the FR1, the schedule of reinforcement was gradually increased to FR 10, in which 10 correct responses was rewarded with a sucrose pellet. Fixed ratio training ended on day 7, and from day 8 through day 14, rats were trained on a progressive ratio 3 (PR3) paradigm. On the PR3, the number of lever presses to earn a food reward was increased by 3 after each reward. Subsequently rats were separated into groups for intraperitoneal (IP) or ventral tegmental area (VTA) administration of ghrelin, exendin-4 (Ex-4), and Ro60-0175.