



**Figure S3.** Loss of *Yap1* and *Taz* blunts the granulosa cell response to 1- and 6-hour LH treatments

Primary GCs isolated from *Yap1<sup>f/f</sup>;Taz<sup>f/f</sup>* mouse ovaries were infected with adenoviruses expressing either Cre recombinase (Ad-Cre; to knockdown *Yap1* and *Taz* expression) or eGFP (Ad-eGFP; control) for 18 hours. After 2 hours of culture in serum-free medium, GCs were treated with 50 ng/ml LH or vehicle control for A) 1 or B) 6 hours ( $n=4$  replicates/treatment). All data were normalized to the housekeeping gene *Rpl19*. Data are represented as means  $\pm$  SEM. Different letters above histograms indicate significant differences between groups.  $P \leq 0.05$ ; two-way ANOVA, followed by Tukey's post hoc test.