Supplementary Information

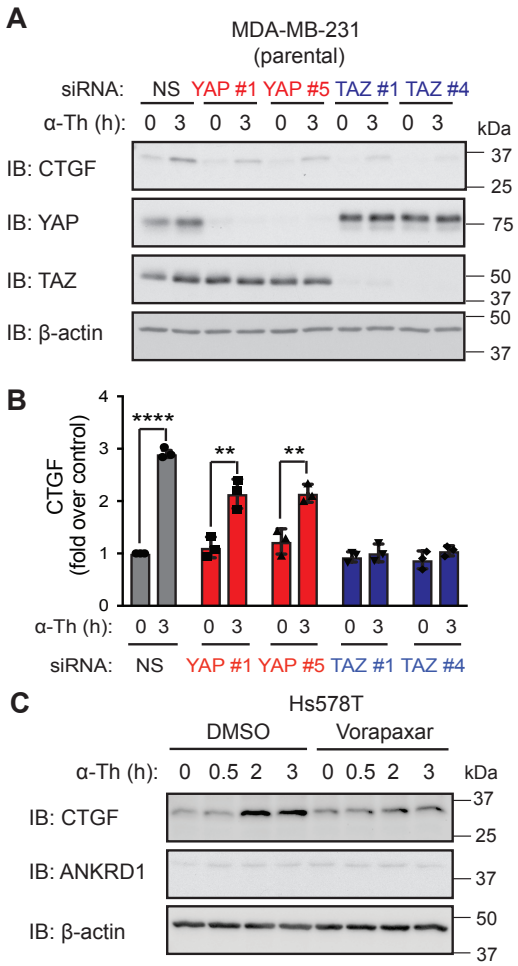

Figure S1. A and **B,** Parental MDA-MB-231 cells were transfected with respective siRNAs, serum-starved overnight then stimulated with 10 nM α-thrombin for 3 h. The data shown (mean ± S.D., n=3) is represented as the fold-increase in CTGF expression (**B**) relative to 0 min NS transfected control. Statistical significance was determined by one-way ANOVA. **C,** Hs578T cells were serum-starved overnight, pretreated with DMSO or the PAR1-specific antagonist Vorapaxar for 1 h then treated with 10 nM α-thrombin for the indicated times. Cells were lysed and immunoblotted for CTGF, ANKRD1 and β-actin expression.

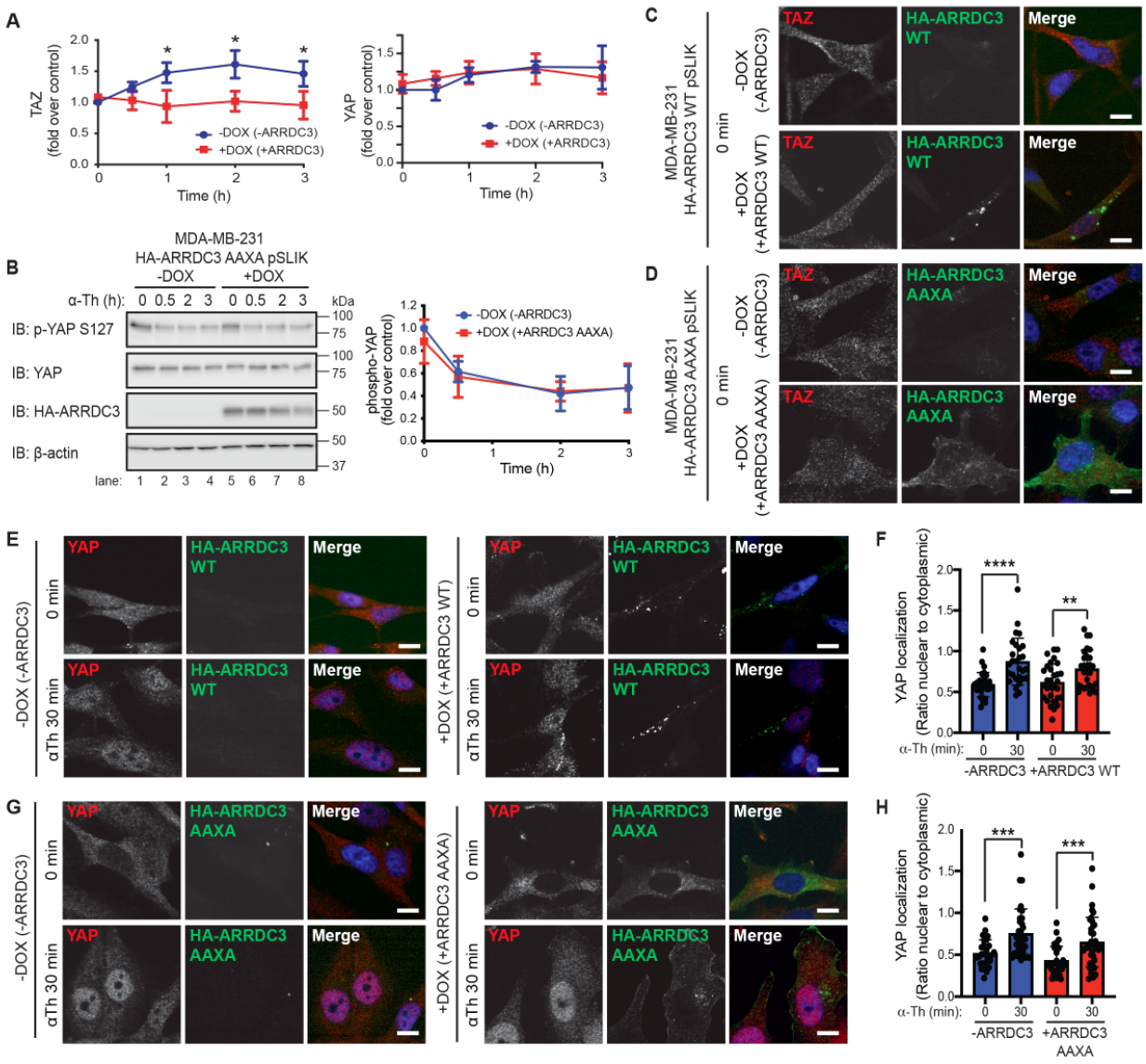

Figure S2. MDA-MB-231 WT (**A**) and AAXA mutant (**B**) HA-ARRDC3 pSLIK cells were treated with or without 10 µg/ml DOX for 48 h, serum-starved overnight, then stimulated with 10 nM α-thrombin for various times. The data shown (mean ± S.D., n=3) are represented as the fold-change in total TAZ (**A**), total YAP (**A**), and YAP phosphorylation (**B**) relative to 0 min -DOX control. Statistical significance was determined by unpaired *t*-test comparing -DOX and +DOX at each time point. **C-H,** TAZ and YAP subcellular localization was determined by immunofluorescence staining of endogenous TAZ (**C** and **D**) and YAP (**E** and **G**) in MDA-MB-231 WT HA-ARRDC3 pSLIK (**C, E**) and MDA-MB-231 AAXA mutant HA-ARRDC3 pSLIK (**D, G**) cells. After α-thrombin treatment, cells were fixed, processed, stained for TAZ or YAP (*red*), HA-ARRDC3 (*green*) and DAPI for nuclei (*blue*) and imaged by confocal microscopy. **C,D,E,G**, Images are representative of many cells examined in three independent experiments. Scale bars, 10 µm. **F,H**, Quantification of the ratio nuclear to cytoplasmic YAP localization from at least 9 fields of view from each biological replicate. Statistical significance was determined by one-way ANOVA of each time point compared to 0 min.