



Supplementary Figure 3: Correlation between ARID1A mutational status and response to IRE1 α inhibition. (A) ARID1A-mutated TOV21G cells and ARID1A knockout RMG1 cells were treated with vehicle control or 20 μ M B-I09 for 24 hours. Expression of the indicated markers of apoptosis and a loading control β -actin was examined by immunoblot. (B-D) Comparison of IC₅₀s of IRE1 α inhibitor 4 μ 8c (B), PERK inhibitor GSK2656157 (C) and ATF6 inhibitor CeapinA7 (D) in ARID1A wildtype (RMG1, OVCA429 and KK) and mutant (TOV21G, OVTOKO, OVISE and SKOV3) cell lines. *P* values were calculated using two-tailed Student's *t*-test. Error bars represent mean with SD.