SUPPLEMENTAL FIGURE LEGENDS

Supplemental Figure 1. Differential expression of RelA and DAB2 proteins in secretory FTE cells. Immunohistochemistry for RelA revealed intense cytoplasmic staining in secretory FTE cells ('S') during both the luteal and follicular phase irrespective of *BRCA1/2* mutation status (*A*). This is in contrast to the pattern of DAB2 immunopositivity that we have previously reported (2), whereby secretory FTE cells from both mutation carriers and controls showed intense cytoplasmic staining during the follicular (*B*) but not luteal (*C*) phase. Changes in DAB2 expression due to ovarian cycle status were not observed within ciliated ('C') FTE cells.

Supplemental Figure 2. Impact of DAB2 and BRCA1 on TNFα-induced *BIRC3* expression. ES2 cells were transfected with DAB2-targeting ('Dsi') (*A*) or BRCA1-targeting ('Bsi') (*B*) siRNA, treated with 10ng/mL TNFα or vehicle and harvested 8h later for total RNA extraction and RT-qPCR for NFκB target gene *BIRC3* (n=4 wells/condition). Circles in each panel represent expression levels in individual samples (normalized to β-actin and expressed relative to cells transfected with non-targeting siRNA ('NTsi') and treated with TNFα), whereas horizontal lines represent average relative mRNA expression for each experimental condition. Groups with different letters are statistically different from one another, as determined by one-way ANOVA followed by the Newman–Keuls multiple comparison test ($p<0.05$).

Supplemental Figure 3. DAB2 and BRCA1 enhance dexamethasone-induced GR transactivation activity in pancreatic and breast cancer cell lines. MIA PaCa-2 or MCF7 cells were co-transfected with either wildtype DAB2 (*A,B*) or BRCA1 (*B*) and a glucocorticoid-responsive luciferase reporter (mouse mammary tumor virus, MMTV), treated with 10nM dexamethasone (dex) or vehicle and harvested 24h later for luciferase activity determination (n=3 wells/condition). Circles in both panels indicate the MMTV luciferase activity (normalized to

β-galactosidase) in individual wells, expressed relative to dex-treated cells transfected with pcDNA3 empty vector. Statistically significant differences in average MMTV luciferase activity were determined by one-way ANOVA followed by the Newman-Keuls multiple comparison test. Groups with different letters are statistically different from one another ($p<0.05$).