**Supplementary Figure 8. Catalase elimination in MDA-MB-231 cells does not alter glucose uptake activity.** 231 cells were grown in suspension for 24 hours and glucose uptake was measured using the Amplex Red assay. Trolox treatment was at 50 μM. All error bars represent standard deviation and p values were determined using a two-tailed T-test.

**Supplementary Figure 9. Catalase elimination in MDA-MB-231 cells does not alter cell proliferation.** 231 cells were grown for the indicated time points and cell counts were performed using a hemocytometer. All error bars represented standard deviation.

**Supplementary Figure 10. Catalase deficiency in MDA-MB-231 cells has no bearing on cell viability.** 231 cells were stained with Trypan blue and counted at the indicated time points. All error bars represent standard error of the mean.

**Supplementary Figure 11. Catalase deficiency in T47D cells does not affect glucose uptake.** Using lentiviral transduction of shRNA, catalase expression was reduced in T47D cells. T47D cells were plated in suspension for 24 hours and glucose uptake was measured using the Amplex Red assay. Trolox treatment was 50 μM. All error bars represent standard deviation and p values were determined using a two-tailed T-test.