

Figure S4

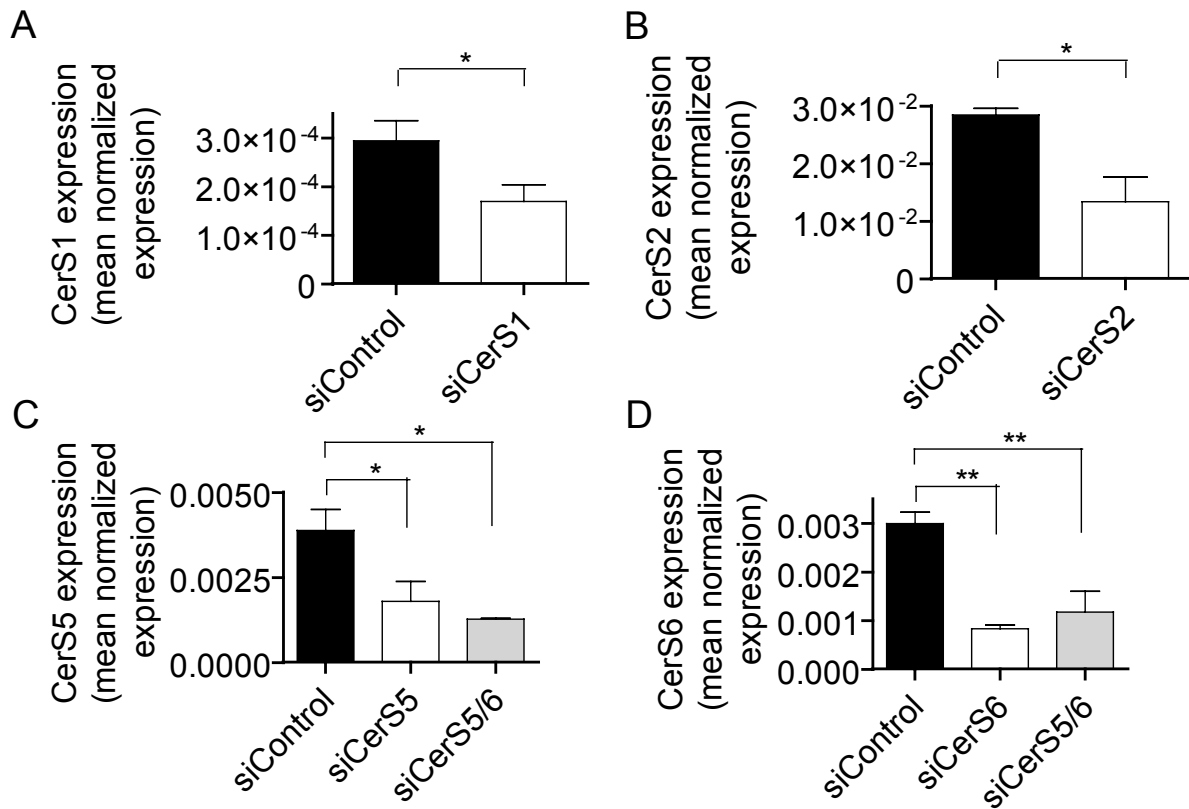


Figure S4. Knockdown of CerS using small interfering RNA. (A-C) MCF-7 cells were transfected with 20 nM siRNA targeted against CerS1, CerS2, CerS5, CerS6, combined CerS5/CerS6 (siCerS5/6, 10 nM each) or non-targeted control (siControl) for 48 hr. RNA was then harvested and analyzed by real-time Q-PCR for expression of CerS1 (A), CerS2 (B), CerS5 (C), and CerS6 (D). Statistical significance was determined by Student's *t* test (A-B) or one-way ANOVA with Bonferroni post-hoc tests (C-D). CerS mRNA levels were normalized to the levels of β -actin. Data are mean and standard error for three independent experiments. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$.