Supplemental Material figure

Repression by SPBP is specific for the activated ERα AF1. (A) SPBP specifically represses the activity of the phosphoserine mimic AF1(3xE) tethered to DNA by the Gal4 DNA binding domain (Gal93). (B) SPBP represses an ERα-GR chimera containing the ERα AF1 and DBD (ER.GR, activated with dexamethasone) but not one with the GR AF1 and DBD fused to the ERα HBD (GR.ER). (C) SPBP does not repress ERβ activity. In this experiment, ERβ (and its AF1) was activated by EGF in the absence of estrogen. (D) SPBP represses ERα activated by the dioxin receptor (the AhR/Arnt heterodimer). 1 μM 3-methyl-cholanthrene (3MC) was used to activate the dioxin receptor. Except for panel B, the bar graphs of panels A and D, and C represent averages of duplicates and triplicates, respectively, of representative experiments.

SUPPLEMENTAL MATERIAL