Figure S8. Negative and positive controls for the co-immunoprecipitation experiments presented in Fig. 4B. COS7 cells were transiently transfect with ActRIIB-HA with either pCDNA3 or betaglycan-c-myc (BG-c-myc). A) Cells were treated with 100 ng/ml human activin A or empty vector culture media (EV media). The cell lysate was immunoprecipitated by monoclonal anti-HA or mouse IgG, followed by immunoblot with anti- β_A -subunit polyclonal antibody. B) Cells were treated with 100 ng/ml human activin A (panel 1); empty vector (panel 2), human wild type inhibin A (panel 3); chicken wild type inhibin A (panel 4); or culture media from cells expressing human inhibin A deletion mutants $\alpha^{\text{Hext-PWR-}}/\beta A$ (panel 5), $\alpha^{\text{HPWR-}}/\beta A$ (panel 6), or $\alpha^{\text{Hext-PWR-}}/\beta A$ (panel 7). Proteins were detected in the cell lysates by immunoblotting with either monoclonal anti-c-myc or monoclonal anti-HA antibodies.



