



Supplementary Figure 1. Intervention in RA signal with different concentrations of RA and BMS 493 *in vitro* altered the ALP activities differentially (A, B). ALP activities were significantly suppressed by 10^{-7} M, 10^{-6} M, 10^{-5} M RA (A). ALP activities were significantly enhanced by 10^{-7} M BMS 493, but decreased by 10^{-5} M BMS 493 and changed little by 10^{-6} M BMS 493 (B).