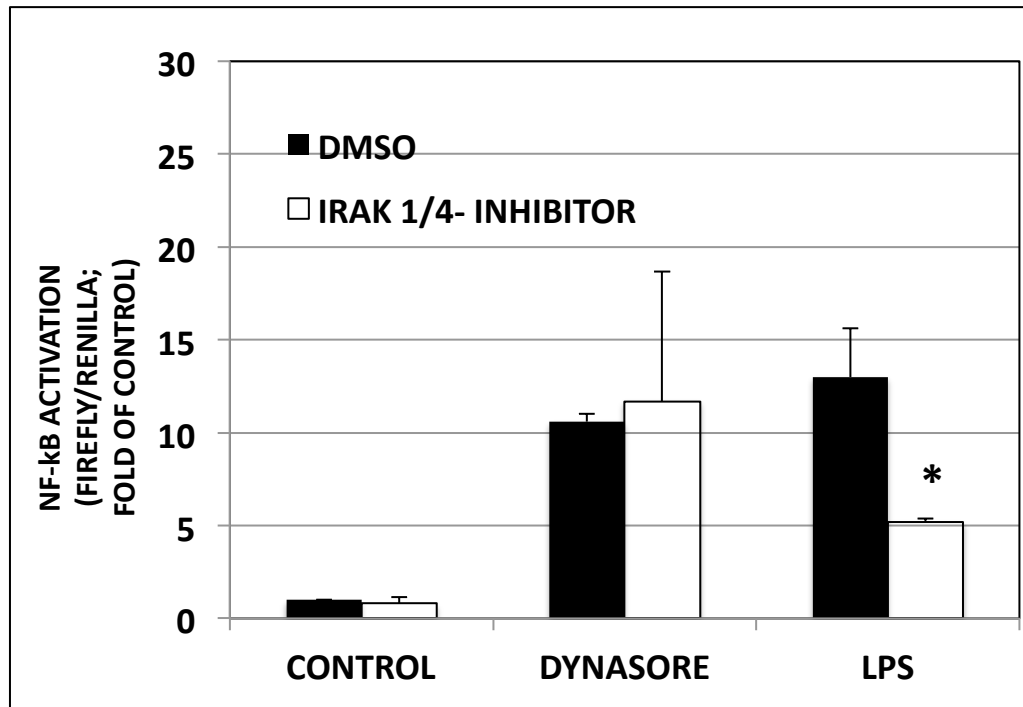


A**B**

Rotstein_ Fig S2

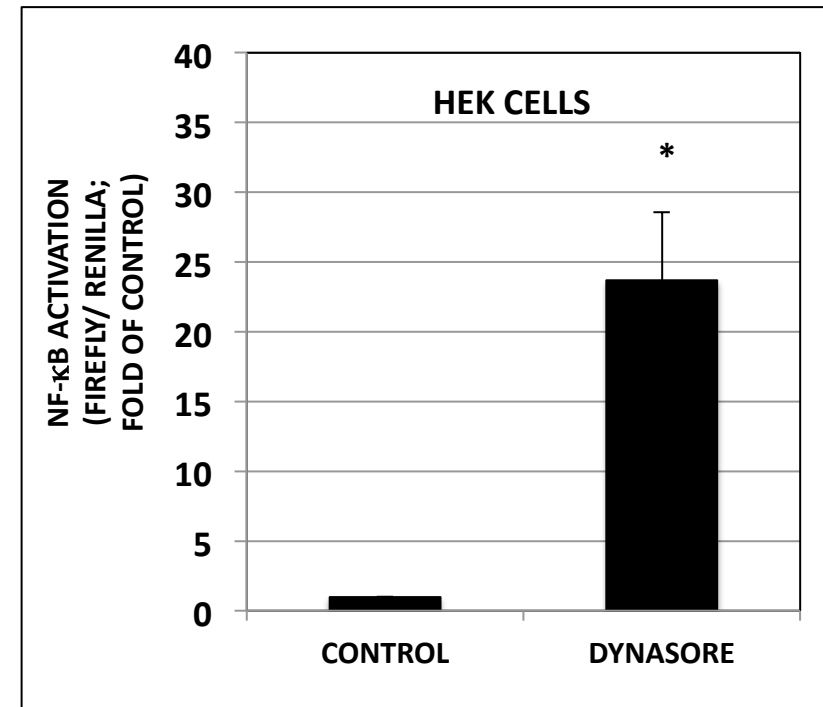


FIGURE S2. Dynasore effect is not through TLR4 pathway. (A) RAW cells co-transfected with NF- κ B and Renilla luciferase plasmids were pre-incubated with IRAK 1/4- inhibitor (10 μ M) and dynasore (80 μ M) and incubated with or without the inhibitors and LPS (15ng mL⁻¹) overnight. Note that while IRAK 1/4- inhibitor inhibits LPS-induced NF- κ B luciferase activation, it does not affect dynasore-induced NF- κ B luciferase activation. ANOVA- $p < 0.002$; DF within group = 12, $n = 3$. Asterisk denotes difference ($p < 0.05$) between LPS and LPS+ IRAK 1/4- inhibitor. (B) HEK cells that do not express TLR4, respond to dynasore by activation of NF- κ B, similar to RAW cells. Bars represent the mean plus SEM. Dynasore treatment is statistically different from DMSO-treated control ($p < 0.009$; $n = 3$).