



Supplemental Figure 4. Effects of ginger components, 6-GIN and 6-PAR, on human and mouse PCa cells. DU145 and PC-3 cells were treated with 6-PAR, 6-GIN or 6-SHO followed by TNF- α and the levels of phospho I κ B α , phospho NF- κ Bp65 and NF- κ Bp65 were measured by Western blot. B, HMVP2 cells were treated with the indicated concentrations of 6-PAR, 6-GIN or 6-SHO and the levels of phospho STAT3^{Tyr705}, STAT3, phospho NF- κ Bp65, NF- κ Bp65 and survivin were measured by Western blot. Changes in relative band intensities (normalized to β -actin and total protein) for Western blot data are given at the top of each column. The results are significant ($P < 0.05$) where a decrease in phosphorylation or protein level is $\geq 40\%$.