



S2 Figure: The negative feedback mediated by Wip1 is required for generating oscillations. Trajectories for p53 and Mdm2 were simulated using the model variant in which there is no Wip1-mediated dephosphorylation of ATM. Simulations were performed for four different pairs of Wip1 (s_1) and PTEN (s_2) synthesis rates, with IR dose equal 3 Gy. Black line corresponds to nominal values of s_1 and s_2 .