Supporting Information

Liu *et al*. 10.1073/pnas.0801617105

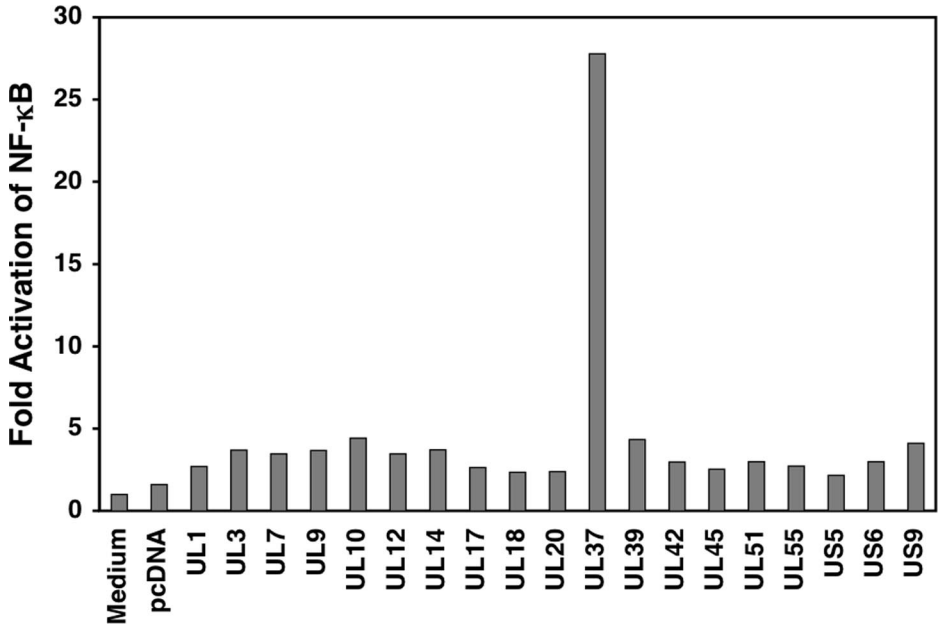

Fig. S1. Screening of HSV proteins for activation of NF-κB in 293 human embryonic kidney cells (HEK293). Twenty nanograms of plasmids encoding the indicated HSV proteins was cotransfected with 20 ng of NF-κB firefly luciferase reporter plasmid and 5 ng of thymidine kinase-*Renilla* luciferase control plasmid into HEK293 cells with Genejuice (Novagen) transfection reagent. At 24 h after transfection, the firefly and *Renilla* luciferase activities were measured using the Promega dual-glo luciferase assay system. For each experimental sample the ratio of firefly to *Renilla* luciferase activity was calculated (relative light units) and normalized to the medium-alone value to give the NF-κB Fold Activation values shown. The data points shown are the average of triplicate culture wells.

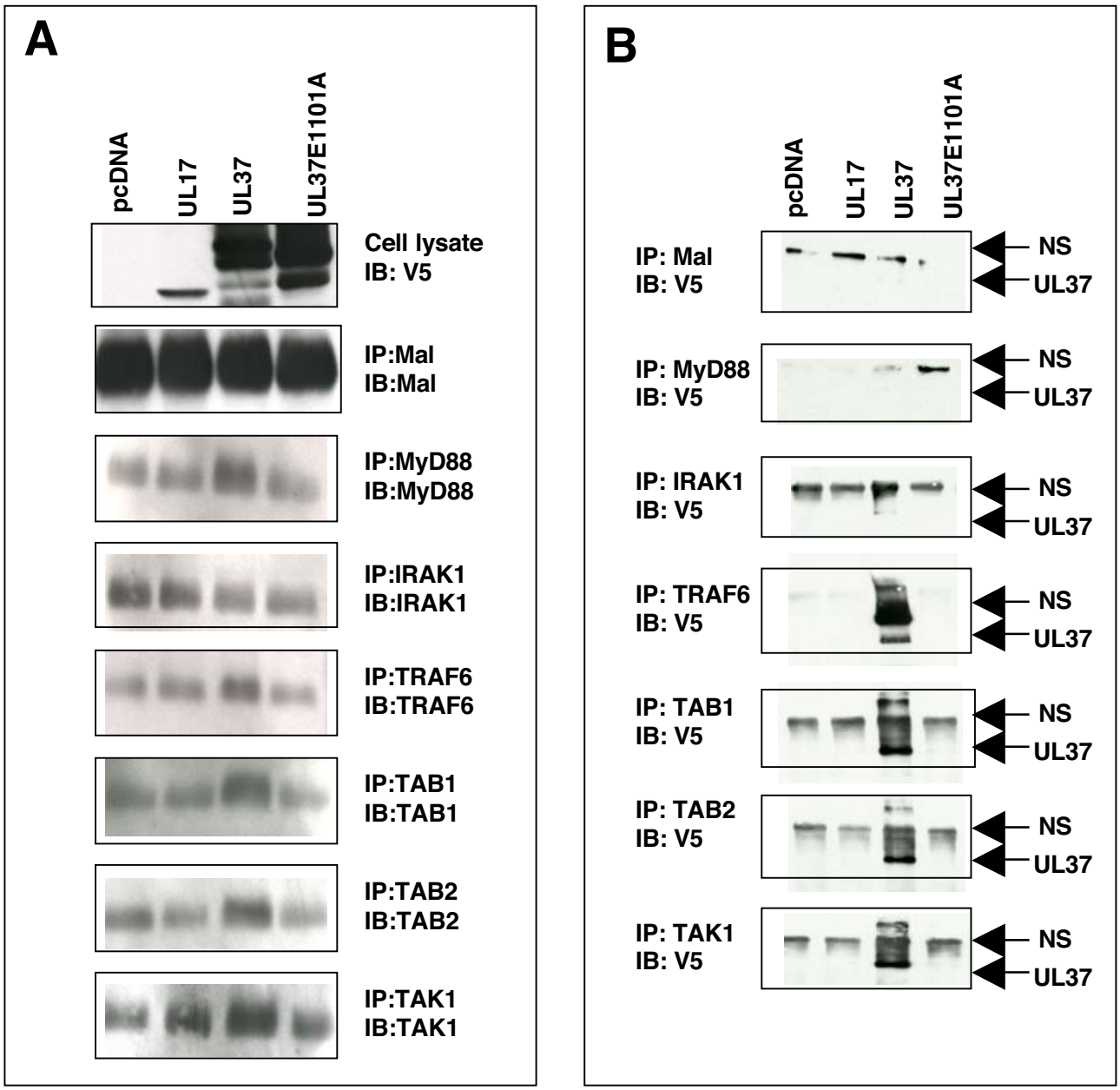

Fig. S2. U_L37 interacts with IRAK1, TAK1, TAB1, and TAB2 through TRAF6. HEK293 cells were transfected with plasmids encoding the HSV U_L37, U_L37 E1101A, or U_L17 proteins or an empty vector. At 24 h, cells were lysed, and endogenous MAL, MyD88, IRAK1, TRAF6, TAB1, TAB2, and TAK1 were immunoprecipitated with the indicated rabbit anti-human polyclonal antibodies. (*A Upper*) Expression of the HSV proteins in total cell lysates was confirmed by Western blotting with anti-V5 epitope specific antibody. (*Lower*) The immunoprecipitation of cellular proteins was confirmed by Western blotting with the relevant antibodies specific for MAL, MyD88, TRAF6, TAB1, TAB2, or TAK1. (*B*) Coprecipitation of U_L17, U_L37, or U_L37 E1101A with cellular proteins was tested by Western blotting of the immunoprecipitated proteins with anti-V5 antibody.