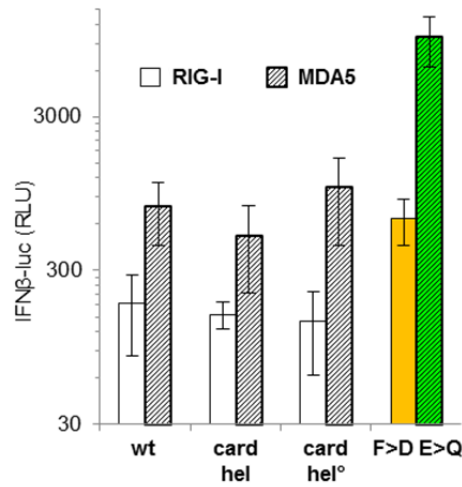
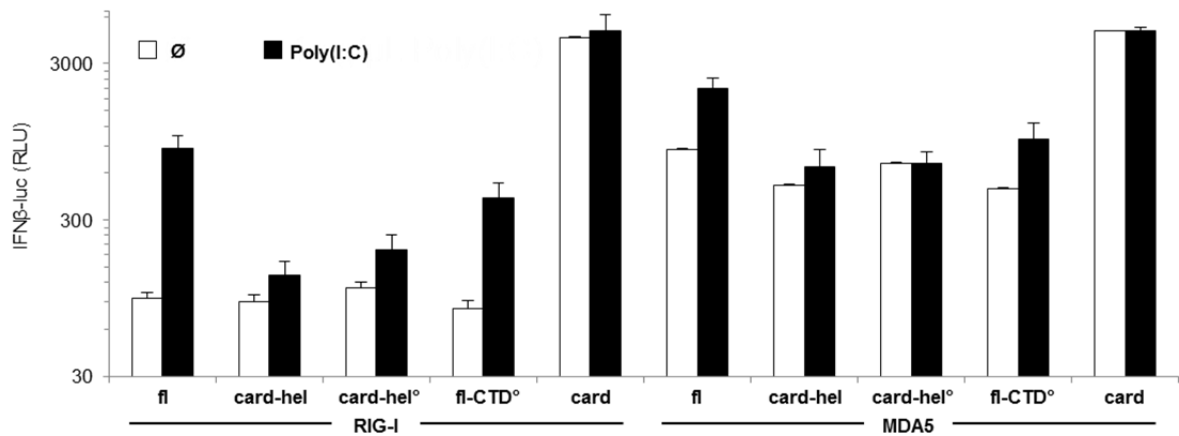


Additional file 6

A



B



RIG-I and MDA5 truncated from their CTD domain remain auto-repressed. *CARD-hel* and *CARD-hel°* constructs from both RIG-I (empty columns) and MDA5 (shaded columns) display only background activity similar to their full-length counterparts and well below the constitutive activity of RIG-I F539D and MDA5 E444Q mutants ($p < 0.025$ to < 0.0125 , mean & s.d. from 3 independent experiments, each done in independent triplicates) (A) whereas RIG-I CARDS (chimeric RIG-I[1-188]-glu2) and MDA5 CARDS (chimeric MDA5[1-200]-glu2) constructs displays as high signalling activity as MDA5-E444Q mutant (compare B with A). The experiments were done in Huh7.5 cells