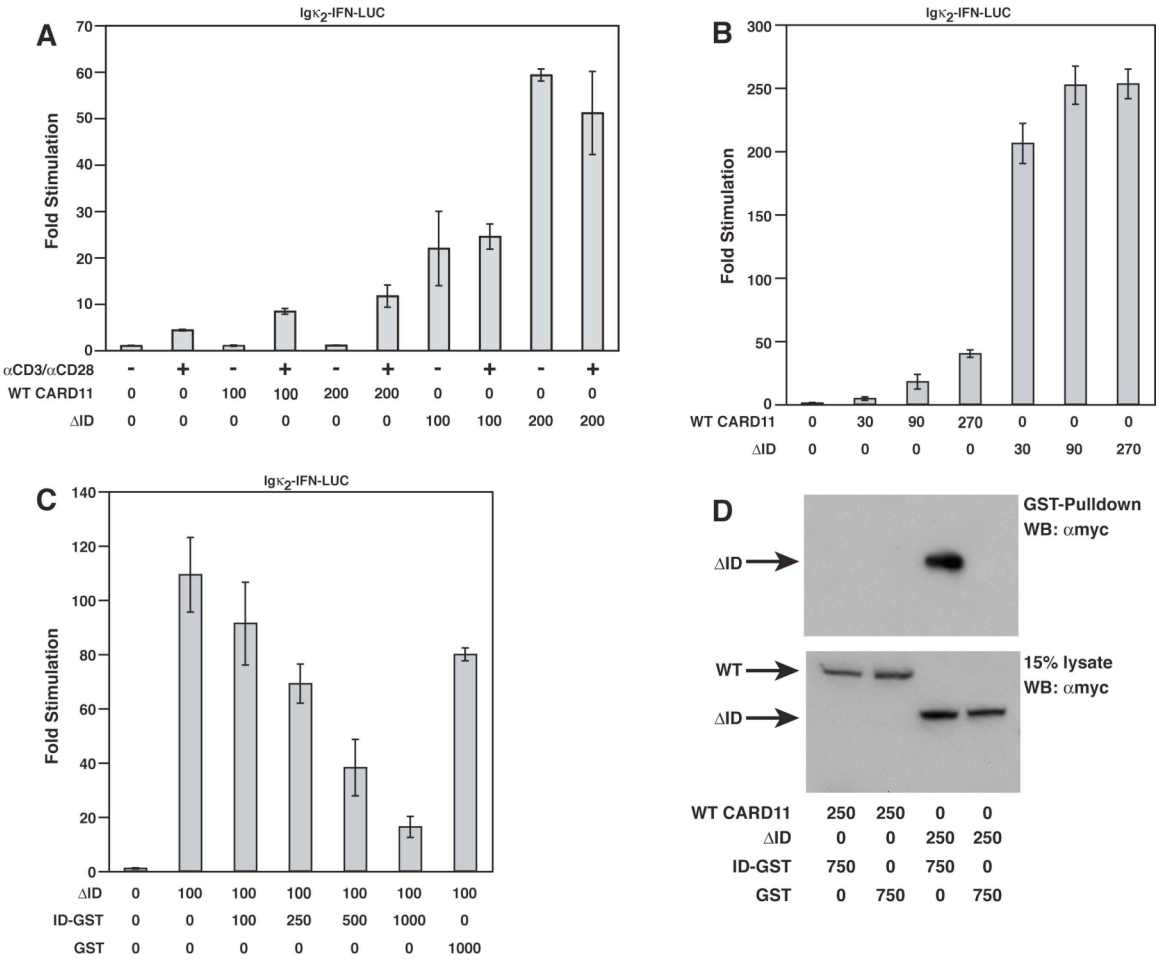
The PKC-Responsive Inhibitory Domain of CARD11 Functions in NF-κB Activation to Regulate the Association of Multiple Signaling Cofactors that Differentially Depend on Bcl10 and MALT1 for Association
McCully and Pomerantz, 2008
Supplementary Figure 1



Function of the CARD11 ID domain *in cis* and *in trans*. (A) Wild-type Jurkat T cells were transfected with 200 ng pCSK-LacZ and 2500 ng of Igκ$_2$-IFN-LUC in the presence of the indicated amounts (in ng) of expression vectors for either wild-type CARD11 or the CARD11 ΔID variant. Cells were stimulated with αCD3/αCD28 crosslinking as indicated. (B) HEK293T cells were transfected with 20 ng pCSK-LacZ and 6 ng of Igκ$_2$-IFN-LUC in the presence of the

indicated amounts (in ng) of expression vectors for either wild-type CARD11 or the ΔID. (C) Wild-type Jurkat T cells were transfected with 200 ng pCSK-LacZ and 1700 ng of Igκ$_2$-IFN-LUC in the presence of the indicated amounts (in ng) of expression vectors for the ΔID and either GST (pEBG) or the ID-GST fusion (pEBB-HA-ID-GST). (D) HEK293T cells were transfected with the indicated amounts (in ng) of expression vectors for wild-type CARD11, the ΔID, GST (pEBG) or the ID-GST fusion (pc-HA-ID-GST) and glutathione agarose precipitations were performed as described in Materials and Methods. The top panel shows the contents of the precipitate, the lower panel shows the lysate input, developed with αmyc primary. The bars represent the mean values of triplicate samples and error bars indicate the standard deviation.