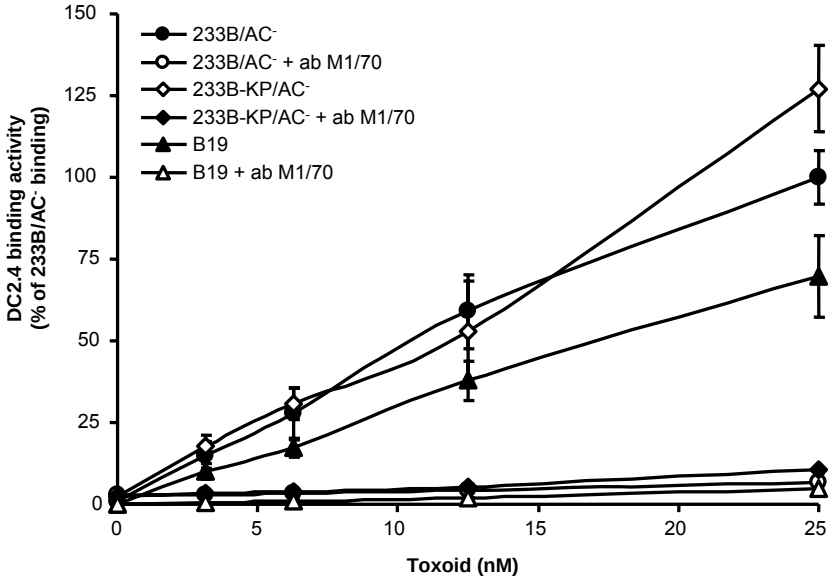

Fig. S1. Binding activities of 233B-KP/AC$^-$ and B19 constructs. DC2.4 cells were incubated with the indicated concentrations of biotinylated B/AC$^-$ toxoids in DMEM with 1% FCS for 30 min on ice. Upon cell staining with streptavidin–PE conjugate, toxoid binding was determined by flow cytometry. Cell preincubation for 30 min on ice with 10 µg/ml of the CD11b-specific antibody M1/70 prior to addition of toxoids was used to block the CD11b/CD18 receptor. The DC2.4 cell binding activities are expressed as percentages of 233B/AC$^-$ toxoid binding at 25 nM concentration and represent the means ± SD of two independent determinations performed in duplicate (n = 4).

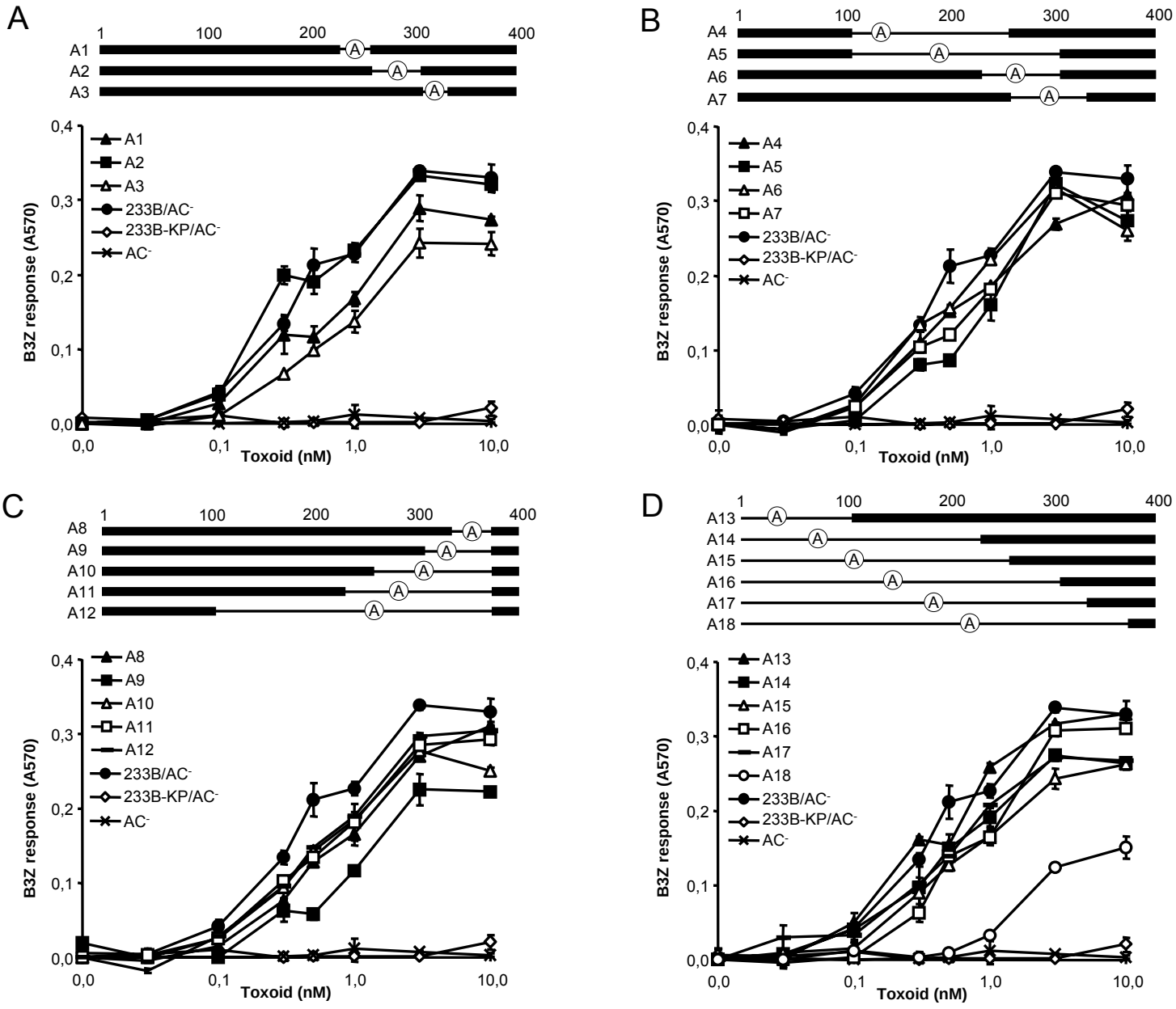

Fig. S2. The entire AC domain polypeptide sequence is dispensable for CyaA-mediated delivery of the $OVA_{257-264}$ epitope for MHC class I-restricted antigenic presentation. DC2.4 cells were incubated with the indicated concentrations of the toxoids for 4 hours. After washing with PBS, the DC2.4 cells were further cultured for 18 h with the B3Z $CD8^+$ T-hybridoma cells selectively recognizing cell-surface-presented complexes of the H-$2K^b$ MHC class I molecules with bound $OVA_{257-264}$ peptide. Stimulation of B3Z cells was assayed as the amount of accumulated β-galactosidase. The means ± SE of duplicate samples, representative of three independent determinations, are shown.