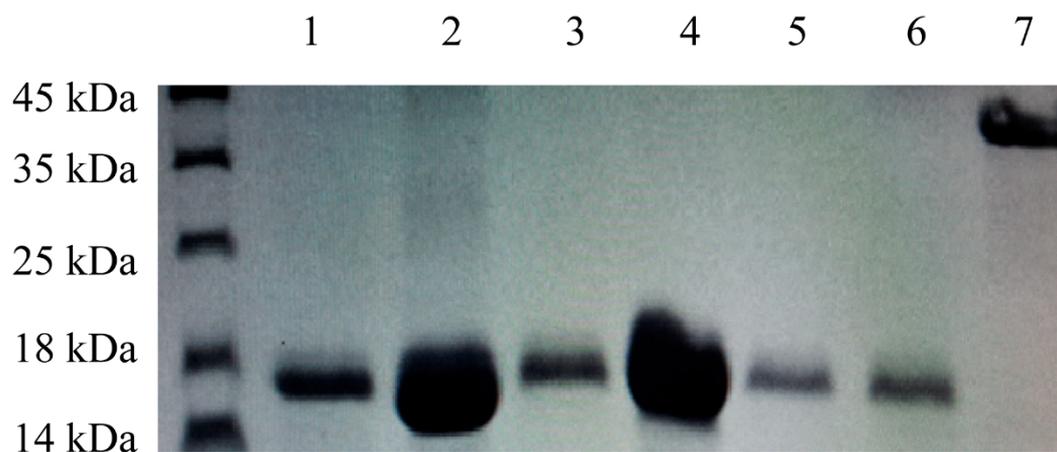


## Supplementary Materials: Site I Inactivation Impacts Calmodulin Calcium Binding and Activation of *Bordetella Pertussis* Adenylate Cyclase Toxin

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**Figure S1.** SDS-PAGE analysis of purified recombinant proteins. Prior to structural studies, purified recombinant proteins were analyzed by 20% SDS-PAGE: Molecular mass markers-14 kDa-45 kDa are displayed; Lanes 1–3 CaMWt; Lanes 4–6 D22A; Lane 7 CyaA-ACD.

**Table S1.** The ratio of  $\theta_{222}/\theta_{208}$  of CaMs determined in the presence and absence CyaA-ACD.

Sample	$\theta_{208}$ (mdeg)	$\theta_{222}$ (mdeg)	$\theta_{222}/\theta_{208}$
CaMWt	-86.88	-86.00	0.99
D22A	-77.91	-88.73	1.13
CyaA-ACD	-86.93	-78.06	0.75
CaMWt/CyaA-ACD	-88.08	-83.24	0.94
D22A/CyaA-ACD	-92.95	-83.44	0.89