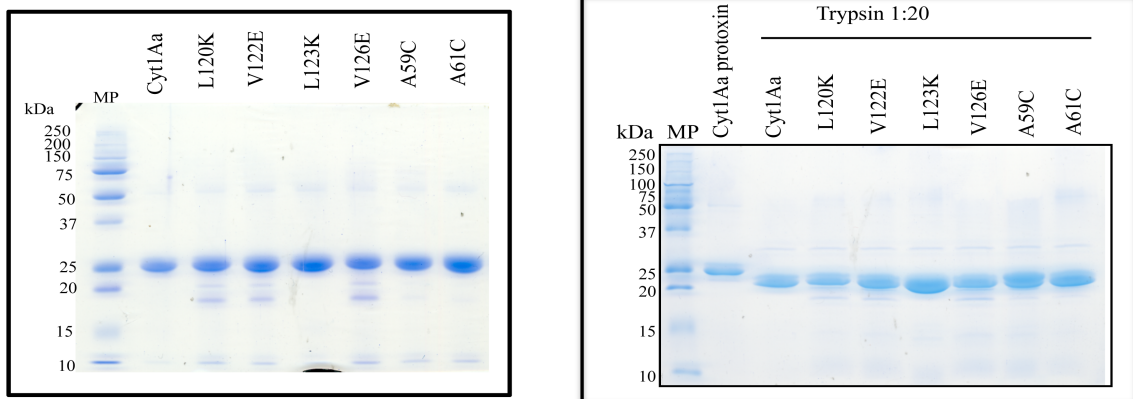


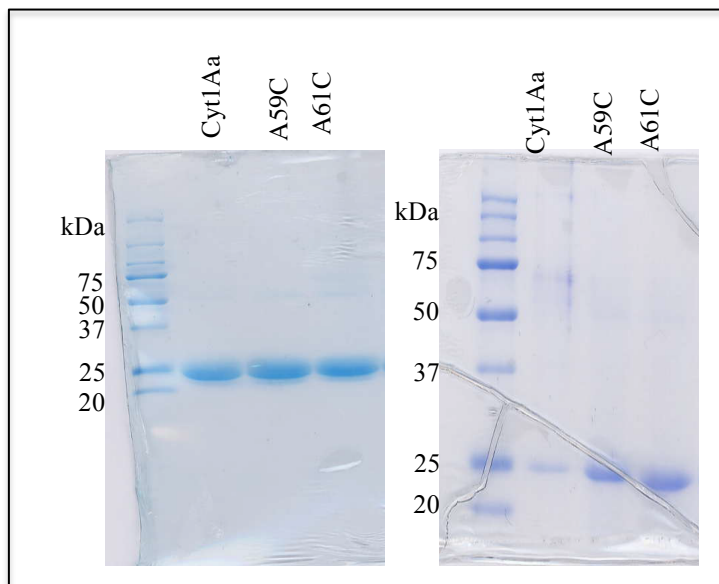
# Susceptible and mCry3A resistant corn rootworm larvae killed by a non-hemolytic *Bacillus thuringiensis* Cyt1Aa mutant.

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**Supplementary figure S1.** Complete SDS-PAGE of the Cyt1Aa mutants. All samples were boiled 5 min before loading into the SDS-PAGE and the gel was stained with coomassie brilliant blue.



**Supplementary figure S2.** Additional images of SDS-PAGE analysis of the Cyt1Aa, A59C and A61C proteins purified from *B. thuringiensis*. All samples were boiled 5 min before loading into the SDS-PAGE and the gel was stained with coomassie brilliant blue.



**Supplementary figure S3.** Additional images of the oligomerization analysis of Cyt1Aa and mutant proteins after activation of solubilized protoxin, with trypsin in the presence of SUV liposomes. Samples were heated 3 min at 65 °C before loading into the SDS-PAGE transferred to PVDF and revealed in western blot assay as described in materials and methods using polyclonal anti-Cyt1A antibody and goat anti-rabbit antibody coupled to horseradish peroxidase.

