Supplementary Materials: Toxicity of *Bacillus thuringiensis*-Derived Pesticidal Proteins Cry1Ab and Cry1Ba against Asian Citrus Psyllid, *Diaphorina citri* (Hemiptera)

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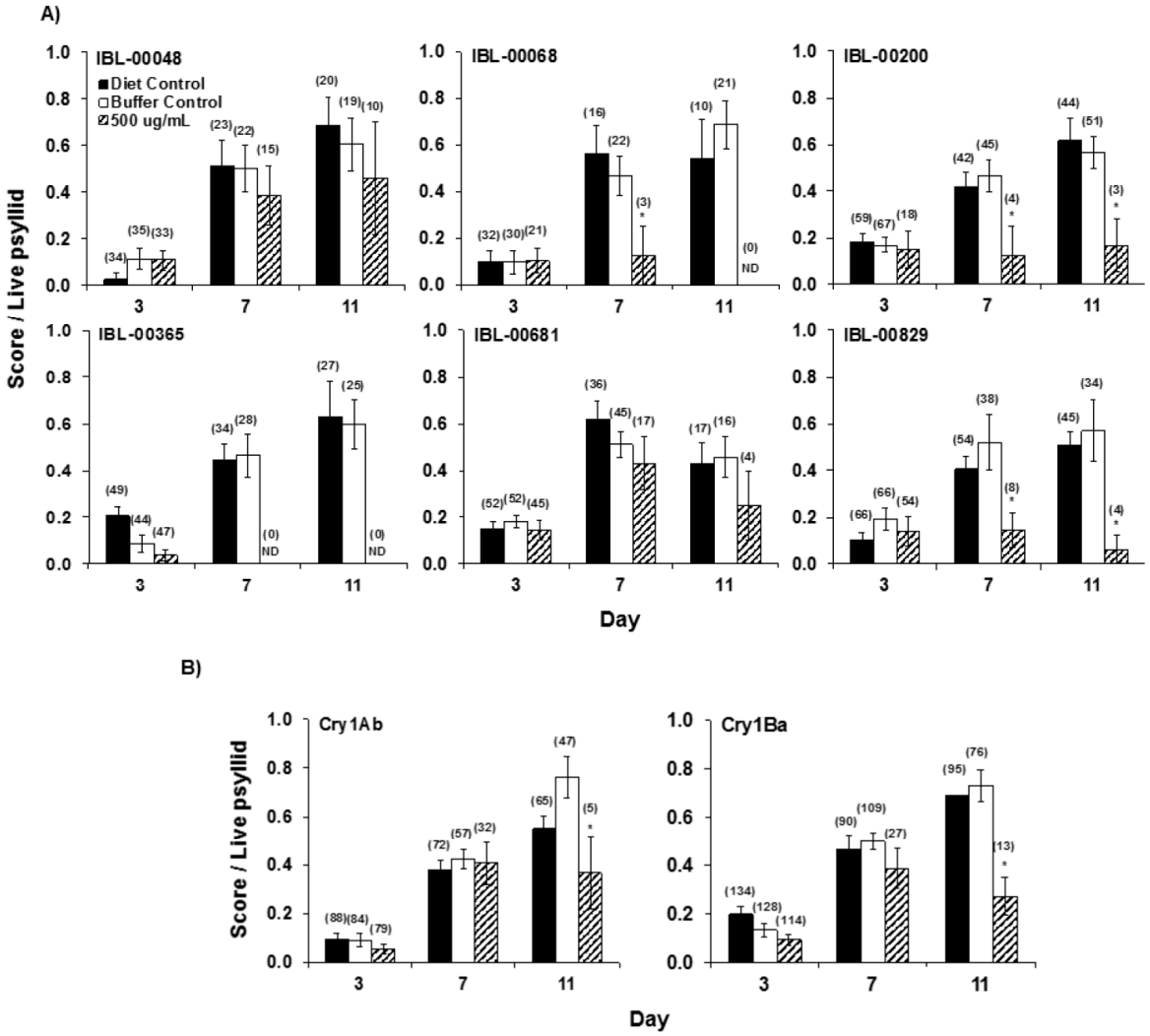
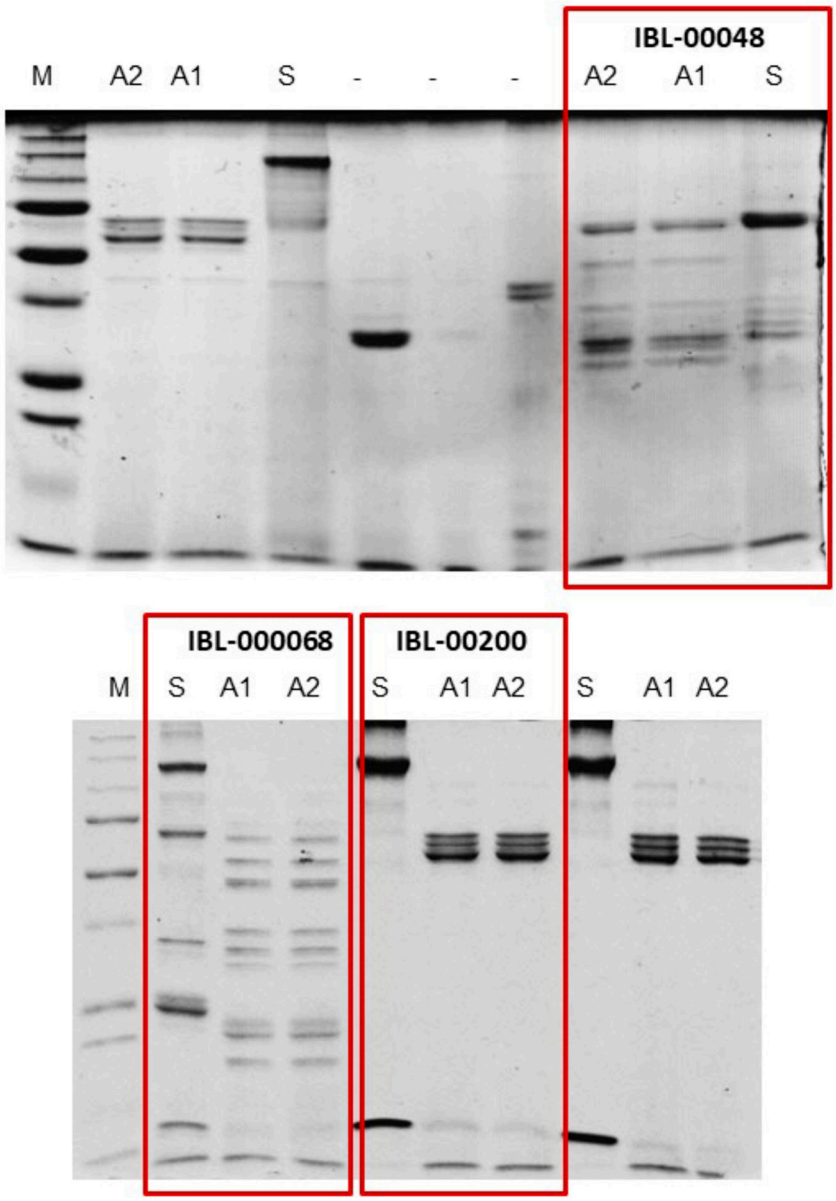


Figure S1. Toxicity correlated with reduced ACP excretions. Excretion score normalized to live animals at days 3, 7 and 11 of exposure to (**A**) *Bt* strains and (**B**) purified toxins at 500 μg protein/mL. Data are presented as Mean ± SEM. The number of psyllids scored is indicated (*n*). Significant differences between the test group and the Buffer control are indicated by * (Pairwise non-parametric Dunn's test, $p < 0.05$). ND: Not determined, due to 100% mortality.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A1
S
-
-
-
A2
A1
S
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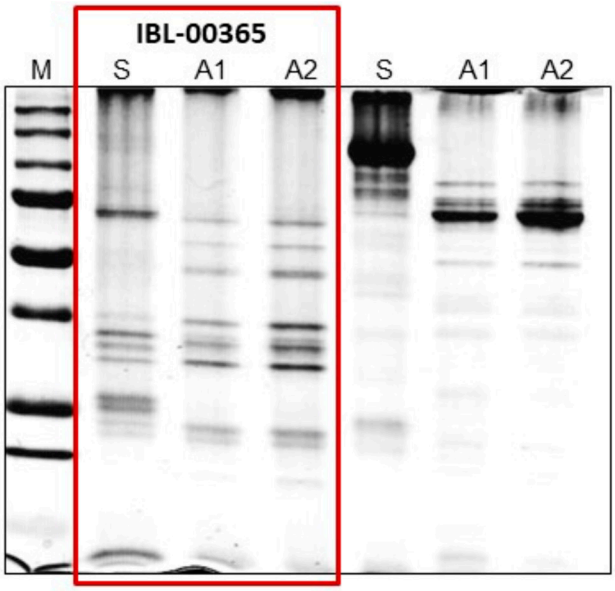
S
A1
A2
S
A1
A2
S
A1
A2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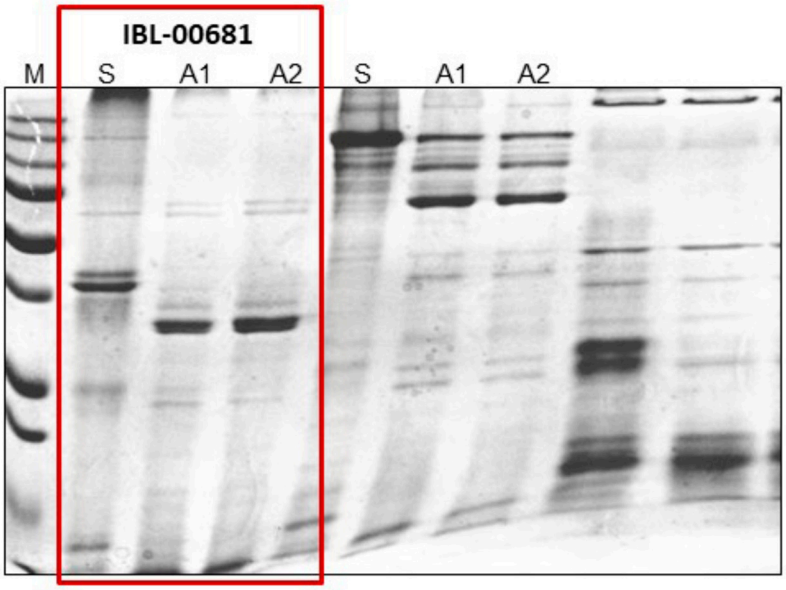
S
A1
A2
S
A1
A2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S
A1
A2
S
A1
A2

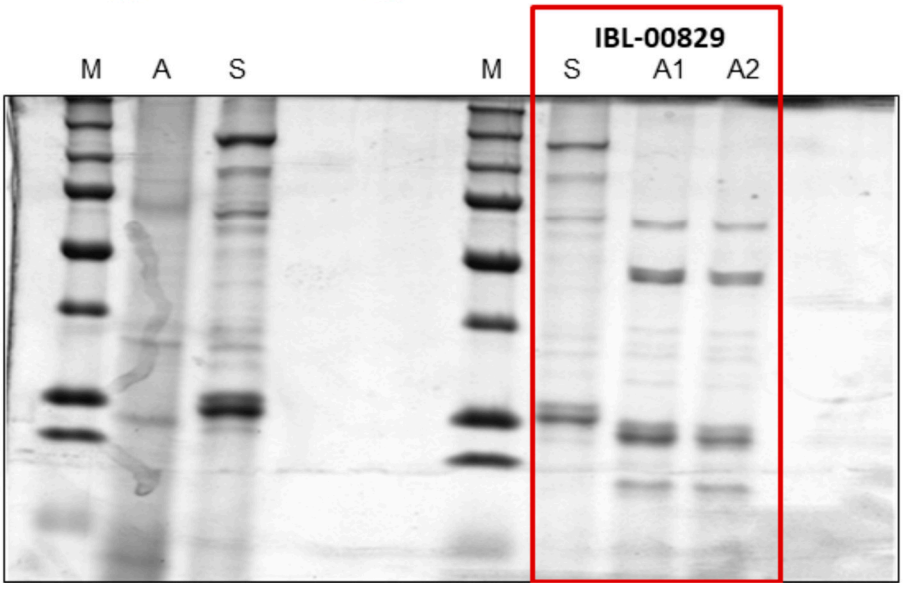
IBL-00829
M
A
S
M
S
A1
A2

Figure S2. Profiles of trypsin-activated toxins derived from *Bt* isolates with toxicity to ACP: Complete gels are shown for the cropped lanes in Figure 1. S: Soluble protein. A: Activated protein treated with 10% Trypsin for 1 h at 37°C. Proteins were separated by SDS-PAGE (12% gel) and stained with Coomassie Blue R. M, molecular mass markers.

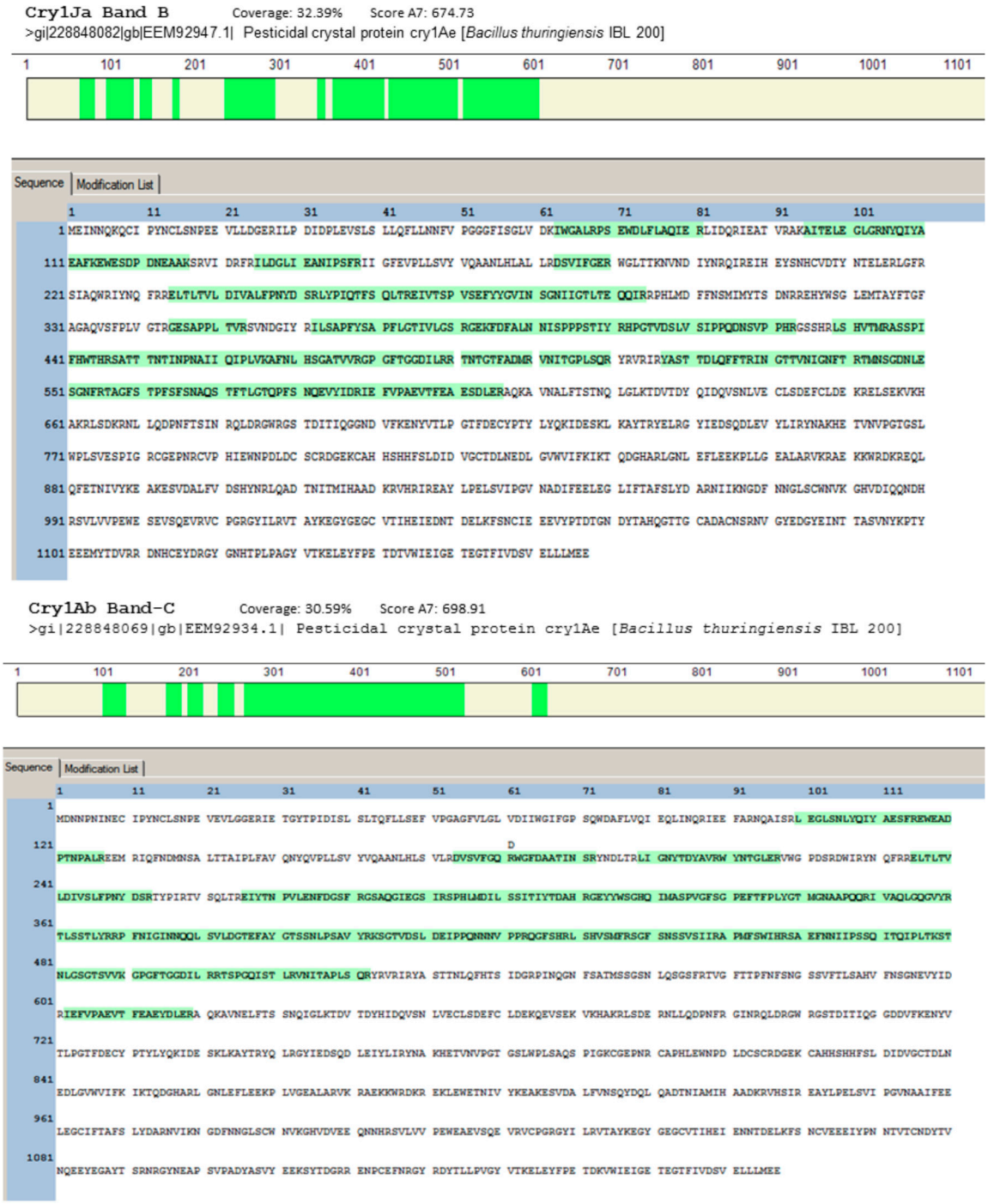

Figure S3. Identification of toxins in IBL-00200 by peptide sequencing. Peptide sequences obtained after trypsin treatment of bands A, B and C of strain IBL-00200 are highlighted.

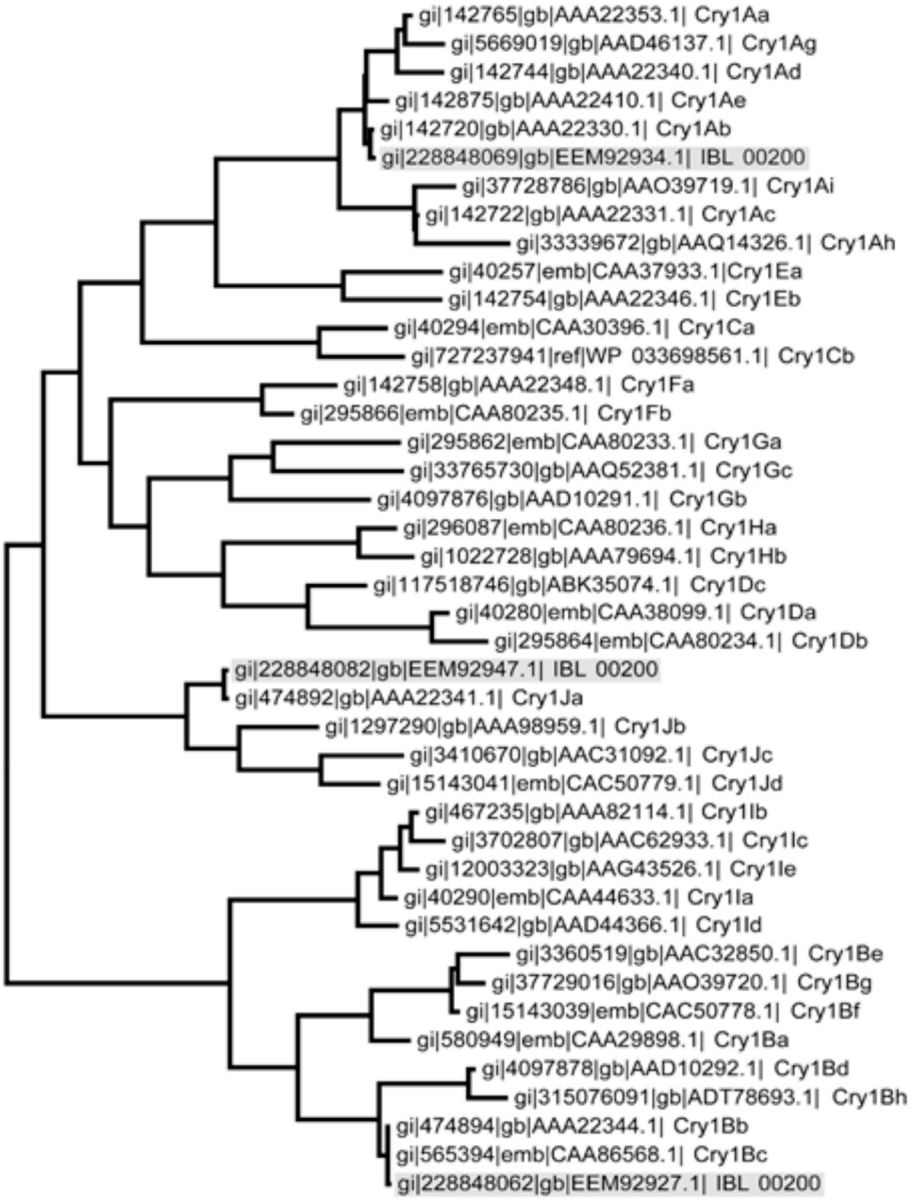

Figure S4. Identification of toxins expressed by strain IBL-00200. Two different Cry toxin sequences annotated as Cry1Ae cluster with Cry1Ab and Cry1Ja. One Cry toxin annotated as Cry1Bc clusters with Cry1Bb. Analysis performed with MEGA6 to generate a maximum likelihood tree.

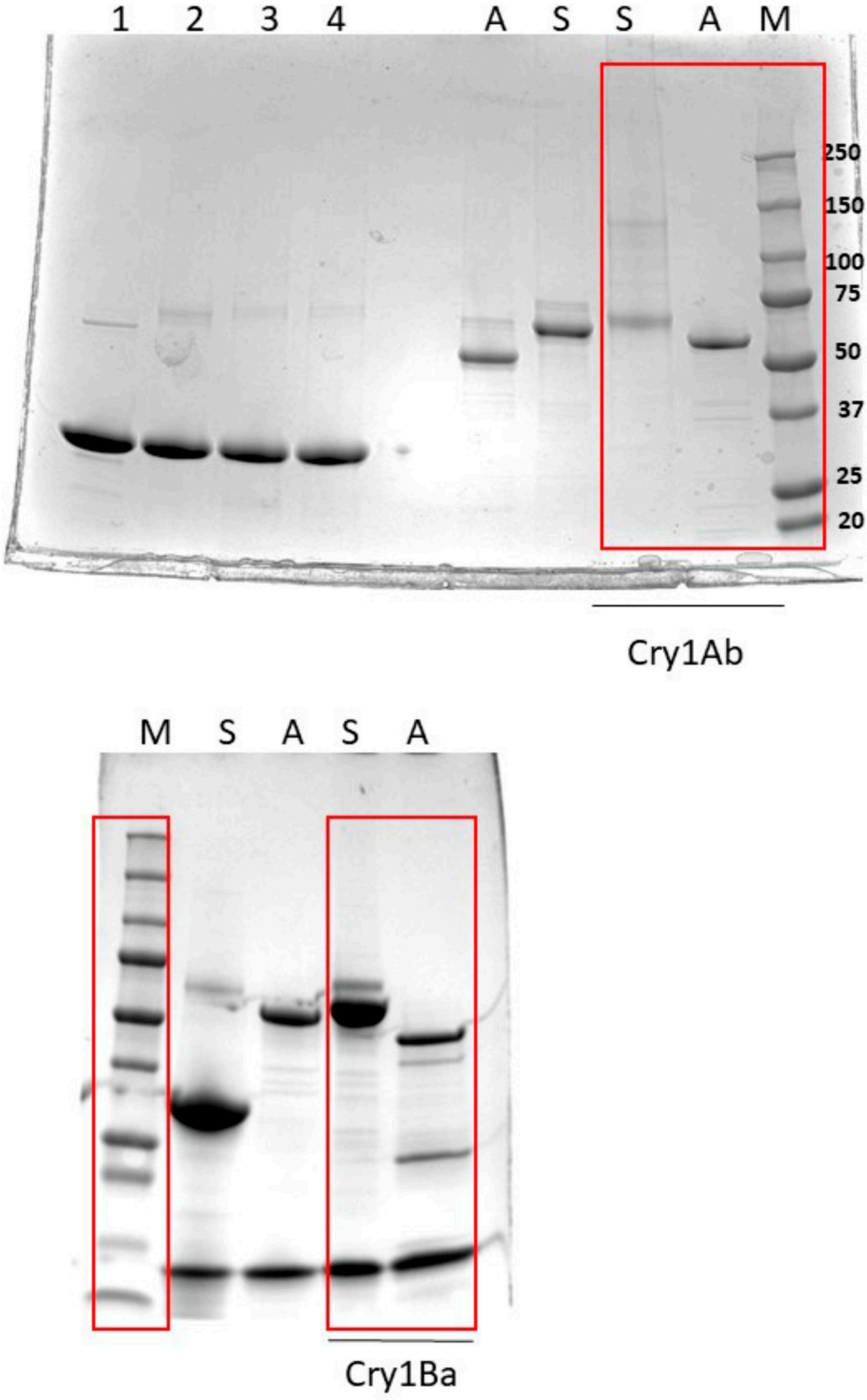

Figure S5. Profiles of trypsin-activated *Bt* toxins Cry1Ab and Cry1Ba with toxicity to ACP: Complete gels are shown for the cropped lanes in Figure 2. S: Soluble protein. A: Activated protein treated with 10% Trypsin for 1 h at 37°C. Proteins were separated by SDS-PAGE (12% gel) and stained with Coomassie Blue R. M, molecular mass markers.