Supplementary Materials: Biological and Biochemical Characterization of Coronado Island Rattlesnake (*Crotalus helleri caliginis*) Venom and Antivenom Neutralization

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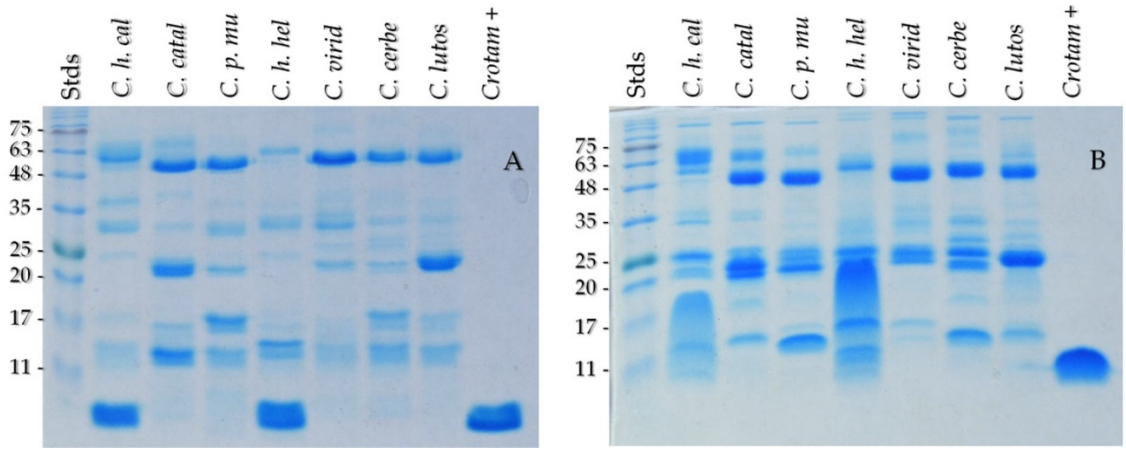

Figure S1. One dimensional SDS-PAGE at 15% analysis of *C. helleri caliginis, C. catalinensis, C. p. muertensis, C. helleri helleri, C. viridis, C. cerberus, C. lutossus* and Crotamine positive (+) of *Crotalus molossus* under reducing conditions (**A**) and non-reducing conditions (**B**). Only *C. helleri caliginis* and *C. helleri helleri* were positive to crotamine. A total amount of 20 µg of *Crotalus* venoms were loaded and only 5 µg of crotamine +.

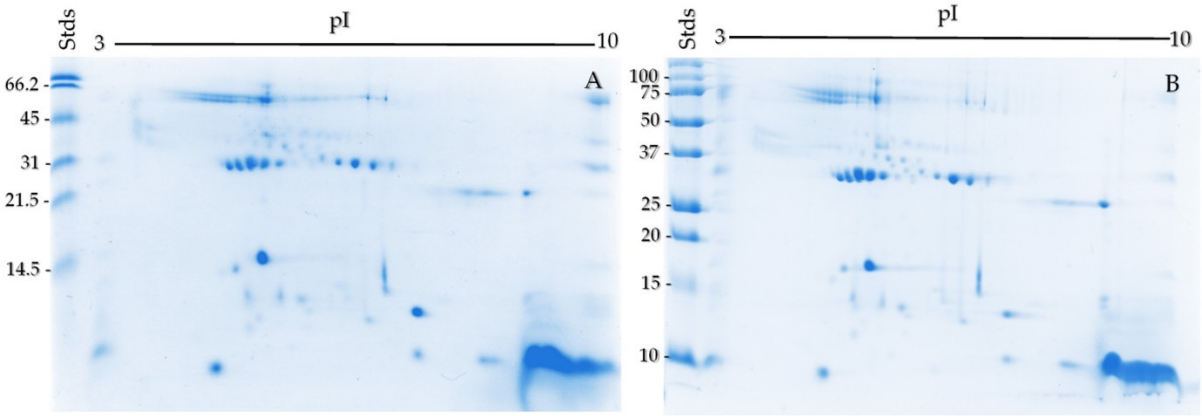

Figure S2. Two-dimensional SDS-PAGE of *C. helleri caliginis* venom under reducing conditions. A total of 150 µg was loaded on a IPG strip 3-10 isoelectric point range and 15% of polyacrylamide. Juvenile (**A**) and adult venom (**B**).

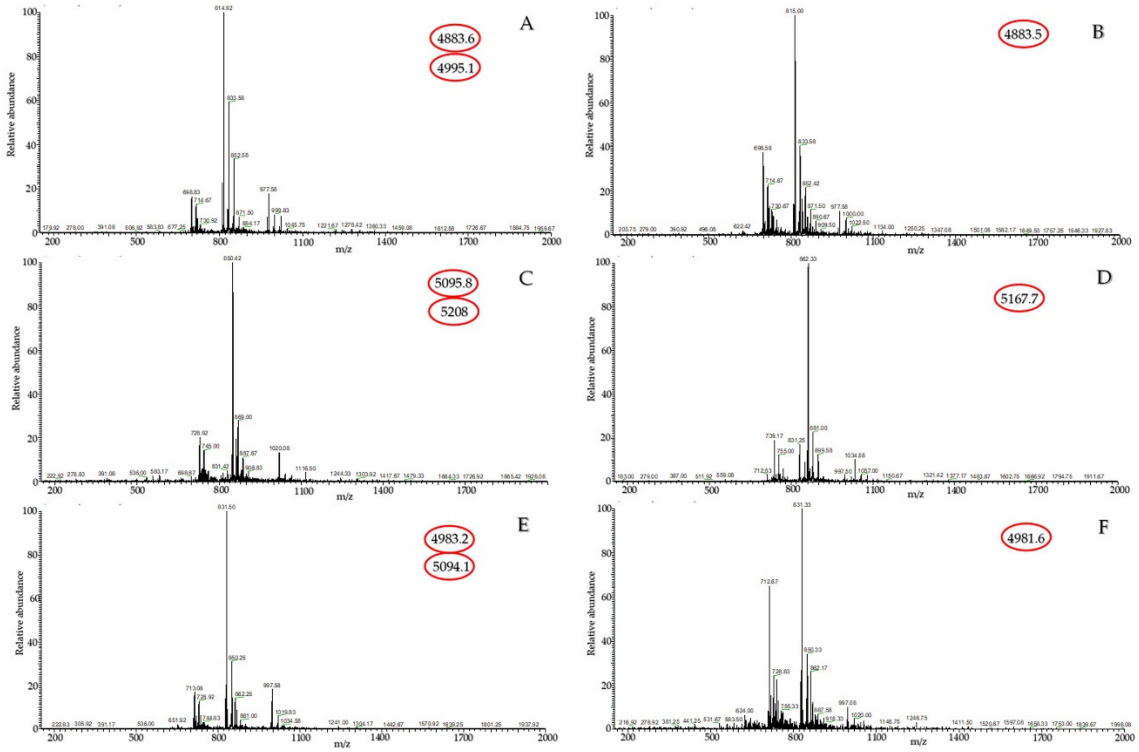

Figure S3. Mass spectrometric characterization of the *C. helleri caliginis* RP-HPLC fractions 3–8. The MSI analysis yielded nine molecular masses corresponding to the possible crotamine isoforms (**A**-**F**).

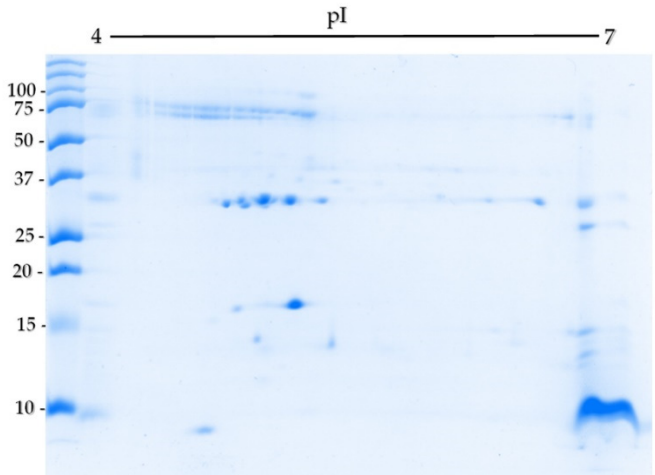

Figure S4. Two-dimensional SDS-PAGE of *C. helleri caliginis* venom under reducing conditions. A total of 100 μg was loaded on a IPG strip 4-7 isoelectric point range and 15% of polyacrylamide.