

Supplementary Materials: In-Vitro Cross-Neutralisation of the Neurotoxicity of Asian and Australian Snake Neurotoxins and Venoms by Different Antivenoms

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Table S1. Comparison of the neurotoxicity of the venoms and neurotoxins in the absence of and presence of different antivenoms.

Treatment	<i>Bungarus caeruleus</i> (5 µg/mL)		<i>B. fasciatus</i> (7.5 µg/mL)		<i>Naja naja</i> (5 µg/mL)		<i>Ophiophagus hamah</i> (5 µg/mL)		<i>Notechis scutatus</i> (5 µg/mL)		<i>Oxyuranus scutellatus</i> (5 µg/mL)		<i>Acanthophis antarcticus</i> (5 µg/mL)		<i>Pseudonaja textillis</i> (5 µg/mL)		α -Cobratoxin (100 nM)		α -Bungarotoxin (100 nM)		α -Elapitoxin-Ppr1 (100 nM)		α -Scutoxin (100 nM)		Notexin (100 nM)	
	t ₉₀	SD	t ₉₀	SD	t ₉₀	SD	t ₉₀	SD	t ₉₀	SD	t ₉₀	SD	t ₉₀	SD	t ₉₀	SD	t ₉₀	SD	t ₉₀	SD	t ₉₀	SD	t ₉₀	SD	t ₉₀	SD
No Antivenom	35.0	3.3	69.0	6.7	18.0	2.2	58.0	5.6	30.0	1.3	128.0	17.2	22.5	1.8	15.0	2.1	30.3	3.4	11.1	2.0	31.5	3.9	40.5	4.3	108.3	14.6
TCAV	44.0	1.4	FP	FP	FP	FP	FP	FP	PP	PP	136.6	7.2	FP	FP	22.0	4.5	FP	FP	FP	FP	FP	FP	PP	PP	N/T	N/T
TNPAV	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	23.0	5.5	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	FP
IPAV	FP	FP	FP	FP	PP	PP	FP	FP	FP	FP	PP	PP	PP *	PP *	23.0	5.5	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	125.0	2.5
APAV	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	PP	PP	FP	FP
DAAV	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T

Note: t₉₀ is provided in instances where >90% of twitch height was inhibited; SD: Standard deviation. TCAV: Thai cobra antivenom; TNPAV: Thai neuro polyvalent antivenom; IPAV: Indian Polyvalent antivenom; APAV: Australian polyvalent antivenom; DAAV: death adder antivenom. FP: Full prevention of twitch inhibition; PP: Partial prevention of twitch inhibition; N/T: Not tested; * >85% twitch inhibition.

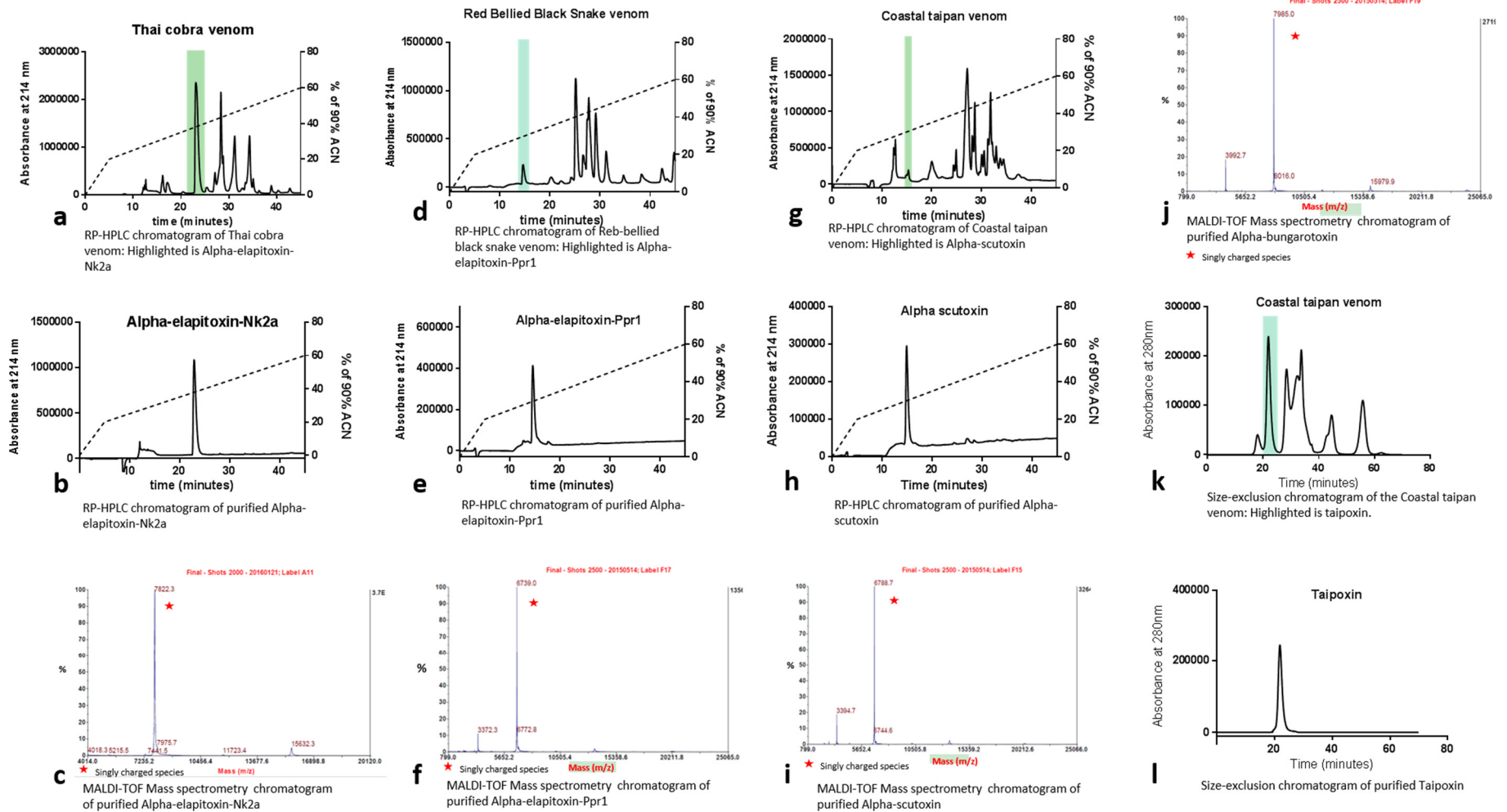


Figure S1. Chromatograms of HPLC and MALDI-TOF Mass spectrometry of the neurotoxins.