**Supporting information**

**Inhibition of *Tityus serrulatus* Venom Hyaluronidase affects venom biodistribution**

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**S1 Methods. Electrophoresis and Immunoblotting analysis**

*T. serrulatus* venom (TsV, 15 µg) was submitted to electrophoresis under reducing conditions using a 12% (w/v) SDS-PAGE, as previously described1. After separation, proteins were transferred to nitrocellulose membranes and submitted to Western blot analysis2. Membranes were blocked using Blocking Buffer (1X TBS with 5% w/v nonfat dry milk) for 1 h at 26ºC and then incubated with rabbit anti-hyaluronidase serum or pre-immune serum (1:5,000) in 1X TBST (TBS Tween-20) with 5% nonfat dry milk at 26°C overnight. After washing with TBS, secondary fluorescence-conjugated anti-rabbit IgG in 1X TBST with 5% nonfat dry milk was allowed to bind at 26°C for 2 h. Following incubation, washing with TBST and drying both membranes, the bands were detected using a fluorescent scanner (GE Healthcare Lifesciences).

**References**

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