Supplementary Materials: Insights into Hypertensive Effects of the *Tityus serrulatus* Scorpion Venom: Purification of an Angiotensin-Converting Enzyme-Like Peptidase

Daniela Cajado-Carvalho, Alexandre Kazuo Kuniyoshi, Bruno Duzzi, Leo Kei Iwai, Úrsula Castro de Oliveira, Inácio de Loiola Meirelles Junqueira de Azevedo, Roberto Tadashi Kodama and Fernanda Vieira Portaro

Table S1. Summary of the purification protocol of Angiotensin-converting enzyme-like from *Tityus serrulatus* venom.

Steps	Fraction	Volume (μL)	Protein (μg)	Activity (UF/min)	Total Activity (units* μL)	Specific Activity (units/μg)	Purification Factor	Yield (%)
Crude venom	Whole venom	2000	25,000	1801	3,602,000	144.1	1.00	100
DEAE	F1	500	778	1800	900,000	1156.8	8.03	100
Gel Filtration	F1-2	500	61	161	80,500	1319.7	9.16	9
PA-CM	F1-2.7	1500	10	22	33,000	3300.0	22.90	1

* versus

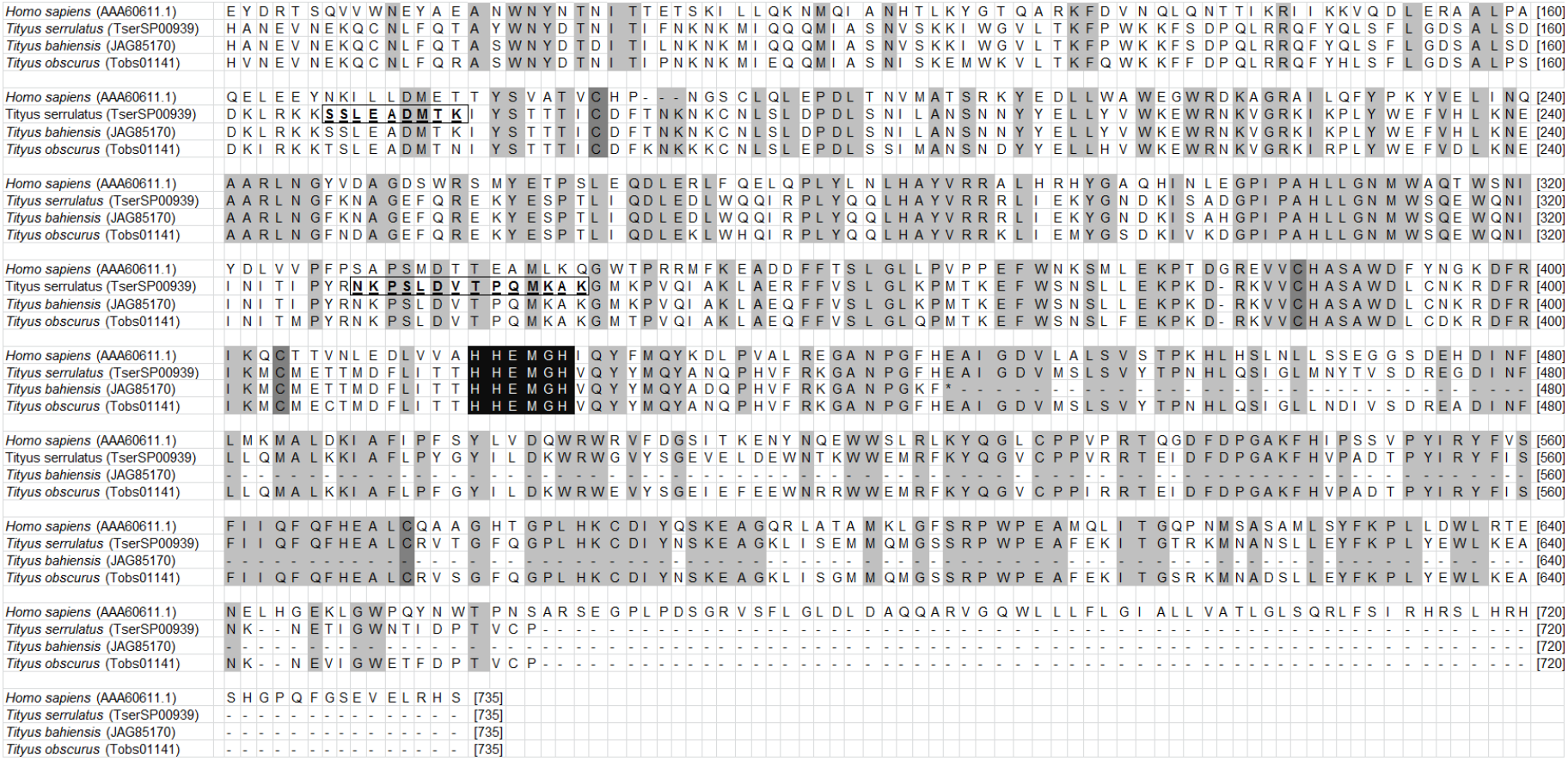

Figure S1. Sequence alignment of testicular ACE from *Homo sapiens* (AAA60611.1) with venom ACEs from the scorpions *Tityus serrulatus* (TserSP00939), *T. bahiensis* (JAG85170) and *Tityus obscurus* (Tobs01141). The metallopeptidase motif HEXXH is marked in black, peptides found by mass spectrometry are underlined and conserved regions highlighted in grey.