

Supplementary Materials: The Aromatic Head Group of Spider Toxin Polyamines Influences Cellular Selectivity and Toxicity to Cancer Cells

Table 1. Crude spider venoms tested for cytotoxicity against MCF-7 cells

Species	Family:subfamily	Cytotoxic Activity*
<i>Acanthoscurria geniculata</i>	Theraphosidae	Yes
<i>Aphonopelma chalcodes</i>	Theraphosidae	Yes
<i>Aphonopelma seemanni</i>	Theraphosidae	No
<i>Atrax robustus</i>	Hexathelidae	Yes
<i>Ceratogyrus darlingi</i>	Theraphosidae	Yes
<i>Chilobrachys "penang"</i>	Theraphosidae	Yes
<i>Chilobrachys guangxiensis</i>	Theraphosidae	Yes
<i>Coremiocnemis tropix</i>	Theraphosidae	No
<i>Grammostola porteri</i>	Theraphosidae	No
<i>Hadronyche cerbera</i>	Hexathelidae	Yes
<i>Hadronyche infensa:Newmarket</i>	Hexathelidae	No
<i>Hadronyche infensa:Orchid Beach</i>	Hexathelidae	Yes
<i>Hadronyche infensa:Toowoomba</i>	Hexathelidae	Yes
<i>Heteroscodra maculata</i>	Theraphosidae	No
<i>Hogna carolinensis</i>	Lycosidae	Yes
<i>Hysteroocrates gigas</i>	Theraphosidae	Yes
<i>Lasiodora parahybana</i>	Theraphosidae	No
<i>Macrothele gigas</i>	Hexathelidae	Yes
<i>Monocentropus balfouri</i>	Theraphosidae	No
<i>Nhandu chromatus</i>	Theraphosidae	Yes
<i>Pamphobeteus antinous</i>	Theraphosidae	No
<i>Phlogius sp</i>	Theraphosidae	Yes
<i>Poecilotheria fasciata</i> (Source 1)	Theraphosidae	No
<i>Poecilotheria fasciata</i> (Source 2)	Theraphosidae	No
<i>Poecilotheria formosa</i>	Theraphosidae	No
<i>Poecilotheria hanumavilasumica</i>	Theraphosidae	No
<i>Poecilotheria miranda</i>	Theraphosidae	No
<i>Poecilotheria regalis</i>	Theraphosidae	No
<i>Poecilotheria metallica</i>	Theraphosidae	No
<i>Poecilotheria striata</i>	Theraphosidae	No
<i>Poecilotheria subfusca</i>	Theraphosidae	No
<i>Psalmopoeus irminia</i>	Theraphosidae	Yes
<i>Pseudhapalopus spinopalpus</i>	Theraphosidae	No
<i>Pterinochilus meridionalis</i>	Theraphosidae	No
<i>Pterinochilus murinus</i>	Theraphosidae	No
<i>Theraphosa blondi</i>	Theraphosidae	No
<i>Theraphosa stirmi</i>	Theraphosidae	Yes
<i>Vitalius roseus</i>	Theraphosidae	Yes

*Cytotoxic activity in MCF-7 cells was based on the crude venom having greater than 50% decrease in absorbance relative to the negative control. Species shown in red were further analysed.