

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: Venomics data from the venom of *C. punctatorium*, incl. source data to generate figure 1 and figure 2.

File name: Supplementary Data 2

Description: Venomics data from the venom gland of *M. menardi*, incl. source data to generate figure 2.

File name: Supplementary Data 3

Description: Venomics data from the venom gland of *P. reduncus*, incl. source data to generate figure 2.

File name: Supplementary Data 4

Description: Venomics data from the venom gland of *L. sclopetarius*, incl. source data to generate figure 2.

File name: Supplementary Data 5

Description: Venomics data from the venom gland of *T. vulgaris*, incl. source data to generate figure 2.

File name: Supplementary Data 6

Description: Source data used to create the phylogenetic tree displayed in figure 4.