

Electronic Supplementary Information (ESI)

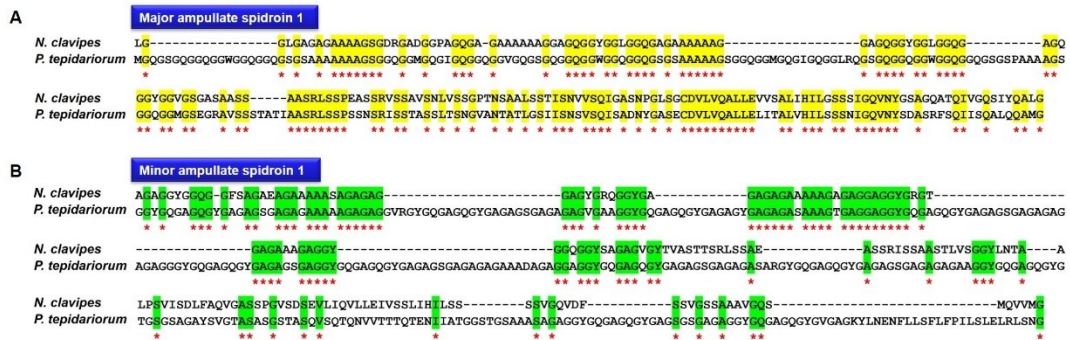
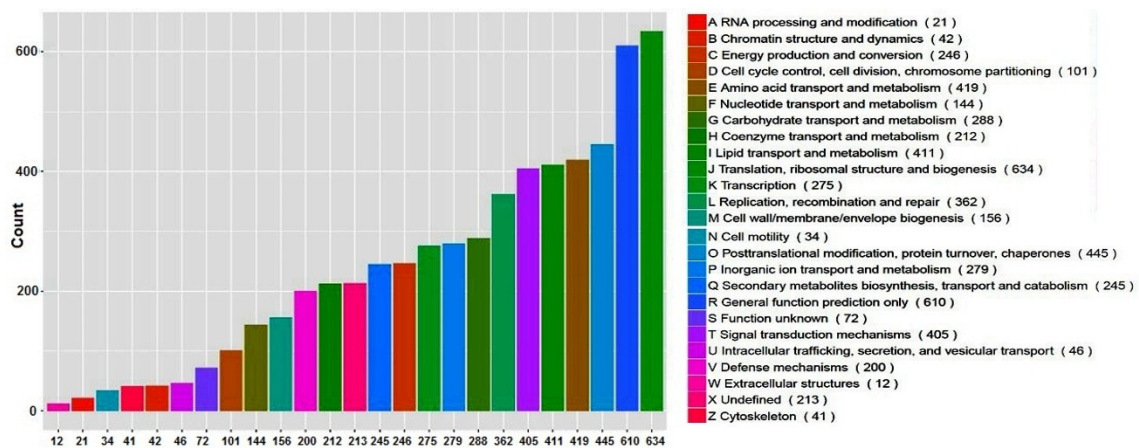
Figures

A proteotranscriptomic study of silk-producing glands from the orb-weaving spiders

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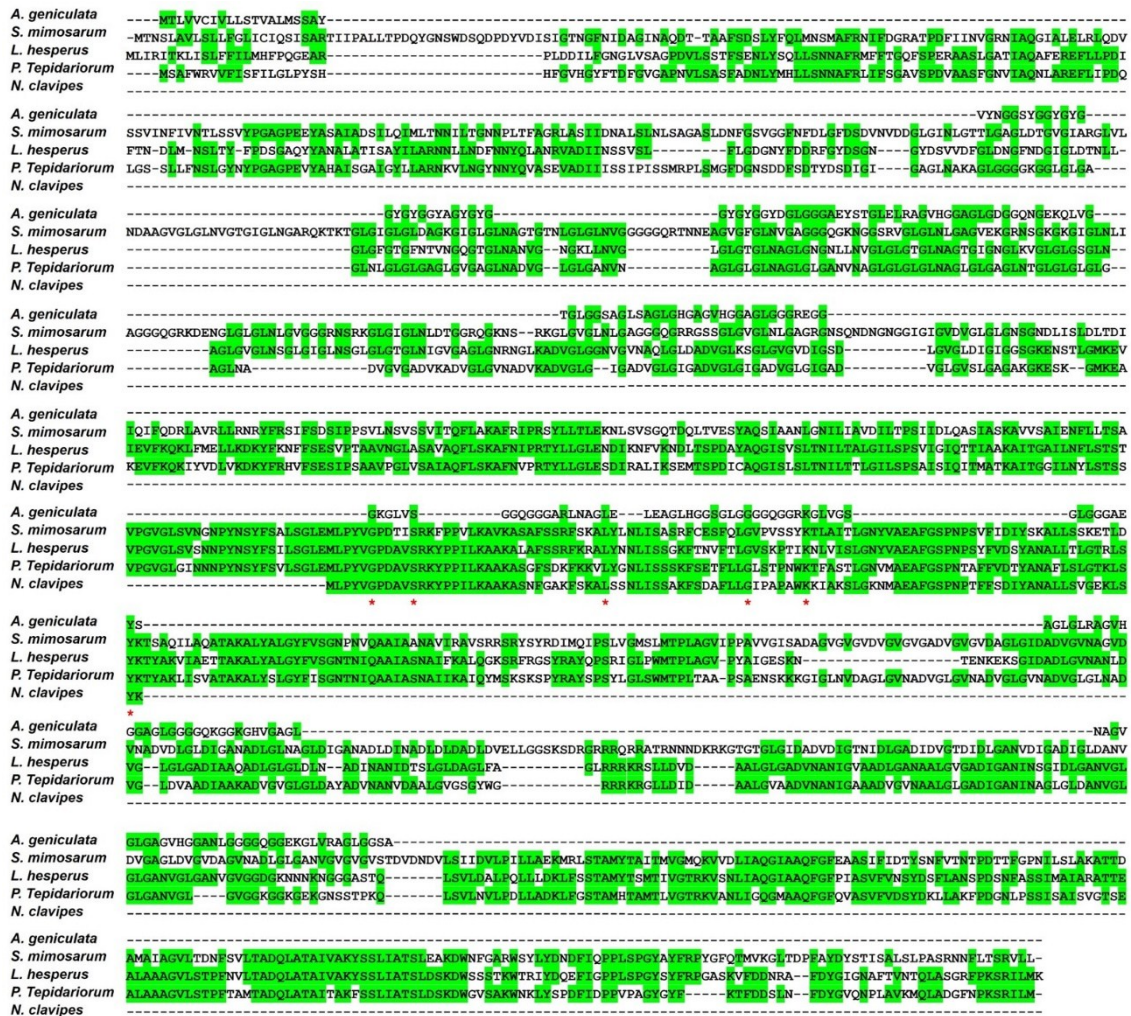


Fig. S5. Multiple sequence alignment viewer. Protein sequence (fragments) alignment of orthologous gene annotated as spidroin protein Sp-1339 that is shared among all five species of spiders analyzed. Conserved residues are colored in green; and highly conserved residues are marked with an asterisk.

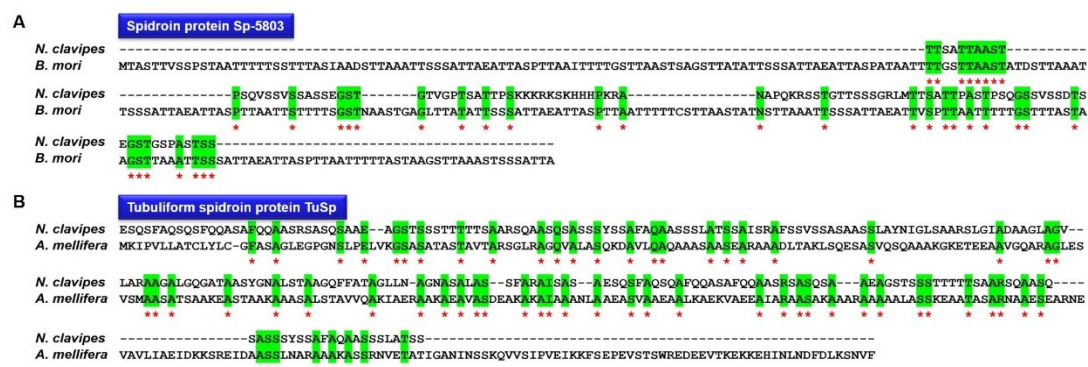


Fig. S6. Multiple sequence alignment viewer of protein sequences (fragments) of orthologous genes annotated as spidroins between *N. clavipes* silk-producing glands and two species of insects. (A) Spidroin protein Sp-5803 shared with *B. mori*; and (B) Tubuliform spidroin protein TuSp shared with *A. mellifera*. Conserved residues are colored in green; and highly conserved residues are marked with an asterisk.