

Table S6. Microbial transcripts detected in RNA sequencing datasets from silk, venom and/ or ovary glands.

RNA-Seq Data: Microbial Transcripts in Silk, Venom and/or Ovary Glands					
Taxa Name	Taxa ID	<i>P. tepidiorum</i>	<i>S. grossa</i>	<i>L. geometricus</i>	<i>L. hesperus</i>
<i>Acidimicrobiaceae</i>	84994	-	-	Silk Only	-
<i>Acidipropionibacterium</i>	1912215	-	Ovary Only	-	-
<i>Acidovorax</i>	12916	Silk & Venom	-	-	-
<i>Actinobaculum</i>	76833	-	Ovary Only	-	-
<i>Actinomyces</i>	1654	-	Venom & Ovary	-	-
<i>Arthrospira</i>	35823	-	Ovary Only	-	-
<i>Alicyciphilus</i>	201096	Venom Only	-	-	-
<i>Atopobium</i>	1380	-	-	-	Venom Only
<i>Azospira</i>	146937	Venom Only	-	-	-
<i>Bordetella</i>	517	Silk & Venom	-	-	-
<i>Bradyrhizobiaceae</i>	41294	-	-	-	Silk Only
<i>Brochothrix</i>	2755	-	-	-	Ovary Only
<i>Campylobacter</i>	194	-	-	Silk Only	-
<i>Candidatus Carsonella</i>	114185	-	-	-	Venom Only
<i>Candidatus Riesia</i>	401618	-	-	Venom Only	-
<i>Capnocytophaga</i>	1016	-	Ovary Only	-	Ovary Only
<i>Cardiobacterium</i>	2717	-	Venom Only	Silk Only	-
<i>Chlamydia</i>	810	-	Venom & Ovary	-	Venom Only
<i>Christensenella</i>	990721	-	-	-	Venom Only
<i>Chryseobacterium</i>	59732	Venom Only	-	-	-
<i>Citrobacter</i>	544	Venom Only	-	-	-
<i>Comamonas</i>	283	Silk & Venom	-	-	-
<i>Commensalibacter</i>	1079922	-	-	-	Ovary Only
<i>Cutibacterium</i>	1912216	-	Venom & Ovary	Venom Only	Venom & Ovary
<i>Dechloromonas</i>	73029	Silk & Venom	-	-	-
<i>Dolosigranulum</i>	29393	-	Venom & Ovary	-	Venom & Ovary
<i>Elizabethkingia</i>	308865	Silk & Venom	-	Venom Only	-
<i>Empedobacter</i>	59734	-	Venom Only	-	-
<i>Enhydrobacter</i>	212791	Venom Only	-	-	-
<i>Enterobacter</i>	547	Silk & Venom	-	-	-
<i>Exiguobacterium</i>	33986	-	-	Silk Only	-
<i>Fingoldia</i>	150022	-	Venom Only	-	-
<i>Flavihumibacter</i>	1004301	-	Silk Only	-	-
<i>Fusobacterium</i>	848	-	-	Silk Only	-
<i>Geobacter</i>	28231	Ovary Only	-	-	-
<i>Granulicatella</i>	117563	-	-	Silk Only	-
<i>Herbaspirillum</i>	963	-	-	Venom Only	-
<i>Kocuria</i>	57493	-	-	-	-
<i>Lactobacillus</i>	1578	-	Silk Only	-	-
<i>Melaminivora</i>	1649468	Venom Only	-	-	-
<i>Mycobacterium</i>	1763	-	-	-	Venom Only
<i>Ochrobactrum</i>	528	-	-	-	Venom Only
<i>Neisseria</i>	482	-	Ovary Only	-	-
<i>Paenibacillus</i>	44249	Venom Only	-	-	-
<i>Pantoea</i>	53335	Venom Only	-	-	-
<i>Parvimonas</i>	543311	-	-	Venom Only	-
<i>Peptoniphilus</i>	162289	Venom Only	Ovary Only	-	Ovary Only
<i>Prevotella</i>	838	-	Ovary Only	-	-
<i>Polynucleobacter</i>	44013	Venom Only	-	-	-
<i>Porphyromonas</i>	836	-	-	Silk Only	-
<i>Pseudoxanthomonas</i>	83618	-	Venom Only	-	-
<i>Rothia</i>	32207	-	Venom & Ovary	Silk & Venom	Ovary Only
<i>Salmonella</i>	590	-	-	Ovary Only	Venom & Ovary
<i>Serratia</i>	613	-	Venom & Ovary	Venom & Ovary	Venom & Ovary
<i>Sphingobacterium</i>	28453	Venom Only	-	-	-
<i>Tsukamurella</i>	2060	Silk & Venom	-	-	-
<i>Xanthomonas</i>	338	Venom Only	-	-	-
<i>Xenorhabdus</i>	626	-	-	-	Venom Only