

Table S1. Data sources for species used in phylogenetic analyses.

Species	Version	Source
<i>B. dorsalis</i>	1.1	ftp://ftp.ncbi.nlm.nih.gov/genomes/refseq/
<i>B. oleae</i>	2.0	https://i5k.nal.usda.gov
<i>C. capitata</i>	1.1	ftp://ftp.ncbi.nlm.nih.gov/genomes/refseq/
<i>M. domestica</i>	1.1	https://www.vectorbase.org/
<i>D. melanogaster</i>	6.08	http://flybase.org/
<i>A. gambiae</i>	4.3	https://www.vectorbase.org/
<i>A. aegypti</i>	3.3	https://www.vectorbase.org/
<i>C. quinquefasciatus</i>	2.2	https://www.vectorbase.org/
<i>M. sexta</i>	1.0	https://i5k.nal.usda.gov
<i>B. mori</i>	1.29	http://metazoa.ensembl.org/
<i>T. castaneum</i>	3.0	https://i5k.nal.usda.gov
<i>A. mellifera</i>	3.2	http://hymenopteragenome.org/beebase/
<i>S. invicta</i>	2.2.3	http://hymenopteragenome.org/solenopsis/
<i>P. humanus</i>	2.1	https://www.vectorbase.org/
<i>A. pisum</i>	2.1b	http://bipaa.genouest.org/is/aphidbase/
<i>C. lectularius</i>	1.2	https://i5k.nal.usda.gov
<i>D. pulex</i>	1.1	http://genome.jgi.doe.gov/