

Order	Species name	Source of genome/transcriptome/proteome	as current as/ version
DIPTERA	<i>Drosophila melanogaster</i>	http://flybase.org/	Dec-14
DIPTERA	<i>Aedes aegyptii</i>	http://flybase.org/	Dec-14
LEPIDOPTERA	<i>Bombyx mori</i>	http://silkworm.genomics.org.cn/silkdb/	SilkDB V2.0
LEPIDOPTERA	<i>Danaus plexippus</i>	http://reppertlab.org/monarchbase/	Assembly v3
LEPIDOPTERA	<i>Plutella xylostella</i>	http://dbm.dna.affrc.go.jp/px/	Feb-14
LEPIDOPTERA	<i>Manduca sexta</i>	https://www.hgsc.bcm.edu/arthropods/tobacco-hornworm-genome-project	Assembly v1.0
LEPIDOPTERA	<i>Heliconius melpomene</i>	http://www.butterflygenome.org/	Assembly v1.1
HYMENOPTERA	<i>Nasonia vitripennis</i>	http://hymenopteragenome.org/nasonia/	Nvit_1.0
HYMENOPTERA	<i>Bombus impatiens</i>	http://hymenopteragenome.org/beebase/	Bimp_2.0
HYMENOPTERA	<i>Apis mellifera</i>	http://hymenopteragenome.org/beebase/	Amel_4.5
HYMENOPTERA	<i>Atta cephalotes</i>	http://hymenopteragenome.org/ant_genomes/	Acep_1.0
COLEOPTERA	<i>Tribolium castaneum</i>	http://beetlebase.org/	13-Dec
HEMIPTERA	<i>Acyrtosiphon pisum</i>	http://www.aphidbase.com/	Version 2.1
HEMIPTERA	<i>Rhodnius prolixus</i>	https://www.vectorbase.org/organisms/rhodnius-prolixus	Feb-14
PHTHIRAPTERA	<i>Pediculus humanus corporis</i>	NCBI Genbank	JCVI_LOUSE_1.0

Figure 1- supplemental source data 1