Supplemental Table 1 Genomes included in analyses described in the manuscript

| Order | Species | Accession | Notes |
| --- | --- | --- | --- |
| Lepidoptera | *Achalarus lyciades* | MOOZ01000001.1 |  |
| Hymenoptera | *Acromyrmex echinatior* | NW\_011623521.1 |  |
| Hemiptera | *Acyrthosiphon pisum* | GL349630 |  |
| Diptera | *Aedes aegypti* | GCF\_002204515.2\_AaegL5.0 |  |
| Diptera | *Aedes albopictus* | NW\_017855997.1 |  |
| Coleoptera | *Aethina tumida* | NW\_017852934 |  |
| Coleoptera | *Agrilus planipennis* | NW\_017259594 |  |
| Coleoptera | *Aleochara bilineata* | NBZA01000001 |  |
| Plecoptera | *Amphinemura sulcicollis* | LVVV01000001 |  |
| Lepidoptera | *Amyelois transitella* | NW\_013534156 |  |
| Diptera | *Anopheles alnimanus* | CM008152 |  |
| Diptera | *Anopheles aquasalis* | NJHH01000001 |  |
| Diptera | *Anopheles arabiensis* | KB704125 |  |
| Diptera | *Anopheles atroparvus* | KI421882 |  |
| Diptera | *Anopheles christyi* | KB673756 |  |
| Diptera | *Anopheles coluzzii* | EQ097730 |  |
| Diptera | *Anopheles cracens* | KZ067108 |  |
| Diptera | *Anopheles culicifacies* | KI422464 |  |
| Diptera | *Anopheles darlingi* | ADMH00000000 |  |
| Diptera | *Anopheles dirus* | KB672490 |  |
| Diptera | *Anopheles epiroticus* | KB669613 |  |
| Diptera | *Anopheles farauti* | KI915040 |  |
| Diptera | *Anopheles funestus* | KB668221 |  |
| Diptera | *Anopheles gambiae* | AAAB00000000 |  |
| Diptera | *Anopheles koliensis* | JXXB01000001 |  |
| Diptera | *Anopheles maculatus* | KZ061539 |  |
| Diptera | *Anopheles melas* | KI919284 |  |
| Diptera | *Anopheles merus* | KI915156 |  |
| Diptera | *Anopheles minimus* | KB663610 |  |
| Diptera | *Anopheles nili* | ATLZ01000001 |  |
| Diptera | *Anopheles punctulatus* | JXXA01000001 |  |
| Diptera | *Anopheles quadriannulatus* | KB665398 |  |
| Diptera | *Anopheles sinensis* | KL639024 |  |
| Diptera | *Anopheles stephensi* | KE388890 |  |
| Coleoptera | *Anoplophora glabripennis* | KB933500 |  |
| Lepidoptera | *Antheraea yamamai* | [PRJNA383008](https://www.ebi.ac.uk/ena/data/view/PRJNA383008) | GigaDB Database |
| Hymenoptera | *Aphaenogaster ashmeadi* | NJRQ01000001 |  |
| Hymenoptera | *Aphaenogaster floridana* | NJRP01000001 |  |
| Hymenoptera | *Aphaenogaster fulva* | NJRO01000001 |  |
| Hymenoptera | *Aphaenogaster miamiana* | NJRN01000001 |  |
| Hymenoptera | *Aphaenogaster picea* | NJRM01000001 |  |
| Hymenoptera | *Aphaenogaster rudis* | NJRL01000001 |  |
| Hymenoptera | *Apis cerana* | NW\_016017455 |  |
| Hymenoptera | *Apis dorsata* | NW\_006263304 |  |
| Hymenoptera | *Apis florea* | NW\_003789104 |  |
| Hymenoptera | *Apis mellifera* | NC\_037638 - NC\_037653 | 1 dna:chromosome\_group chromosome\_group:Amel\_4.5:1:1:29893408:1 REF |
| Hymenoptera | *Athalia rosae* | NW\_012161901 |  |
| Hymenoptera | *Atta cephalotes* | GCF\_000143395 | >scaffold00001 dna:supercontig supercontig:Attacep1.0:scaffold00001:1:15679321:1 REF |
| Hymenoptera | *Atta colombica* | NW\_017258044 |  |
| Diptera | *Bactrocera dorsalis* | NW\_011869236 |  |
| Diptera | *Bactrocera latifrons* | NW\_017534406 |  |
| Diptera | *Bactrocera oleae* | NW\_013581209 |  |
| Diptera | *Bactrocera tryoni* | JHQJ01000001 |  |
| Ephemeroptera | *Baetis rhodani* | LVVX01000001 |  |
| Diptera | *Belgica antarctica* | JPYR01000001 |  |
| Hemiptera | *Bemisia tabaci* | NW\_017547088 |  |
| Lepidoptera | *Bicyclus anynana* | NW\_019862748 |  |
| Blattodea | *Blattella germanica* | PYGN01000001 |  |
| Hymenoptera | *Bombus impatiens* | JH157811 |  |
| Hymenoptera | *Bombus terrestris* | CM001169 - CM001186 | >B01 dna:chromosome\_group chromosome\_group:Bter\_1.0:B01:1:17153651:1 REF |
| Lepidoptera | *Bombyx huttoni* | ASCI01000001 |  |
| Lepidoptera | *Bombyx mori* | GCF\_000151625 | >scaf1 dna:supercontig supercontig:ASM15162v1:scaf1:1:16203812:1 REF |
| Lepidoptera | *Calephelis nemesis* | NJDD01000001 |  |
| Lepidoptera | *Calephelis virginiensis* | NJDC01000001 |  |
| Diptera | *Calliphora vicina* | JXOT01000001 |  |
| Odonata | *Calopteryx splendens* | LYUA01000001 |  |
| Lepidoptera | *Calycopis cecrops* | LUGF01000001 |  |
| Hymenoptera | *Camponotus floridanus* | NW\_020229214 |  |
| Diplura | *Catajapyx aquilonaris* | KZ537955 |  |
| Hymenoptera | *Cecidostiba fungosa* | UCOJ01000001 |  |
| Hymenoptera | *Cecidostiba semifascia* | UCQR01000001 |  |
| Isoptera | *CEME01 microsat.txt* | CEME01000001 |  |
| Hymenoptera | *Cephus cinctus* | NW\_014332639 |  |
| Hymenoptera | *Ceratina calcarata* | NW\_017130860 |  |
| Diptera | *Ceratitis capitata* | NW\_019376232 |  |
| Hymenoptera | *Ceratosolen solmsi* | NW\_011948412 |  |
| Diptera | *Chaoborus trivitattus* | JXOU01000001 |  |
| Lepidoptera | *Chilo suppressalis* | ANCD01000001 |  |
| Diptera | *Chironomus riparius* | JXPV01000001 |  |
| Diptera | *Chironomus tentans* | HG428765 |  |
| Hemiptera | *Cimex hemipterus* | LRFB01000001 |  |
| Hemiptera | *Cimex lectularius* | NW\_019942502 |  |
| Diptera | *Cirrula hians* | JXOS01000001 |  |
| Phasmatodea | *Clitarchus hookeri* | NQII01000001 |  |
| Diptera | *Clogmia albipunctata* | JXOV01000001 |  |
| Diptera | *Clunio marinus* | CVRI01000001 |  |
| Diptera | *Coboldia fuscipes* | JXOR01001678 |  |
| Diptera | *Condylostylus patibulatus* | JXOW01000001 |  |
| Hymneoptera | *Copidosoma floridanum* | NW\_019379452 |  |
| Hymenoptera | *Cotesia vestalis* | JZSA01000001 |  |
| Blattodea | *Cryptotermes secundus* | NW\_019718022 |  |
| Diptera | *Culex quinquefasciatus* | NZ\_AAWU00000000.1 | >supercont3.1 dna:supercontig supercontig:CpipJ2:supercont3.1:1:3873040:1 REF |
| Diptera | *Culicoides sonorensis* | OGVF02000001 |  |
| Hymenoptera | *Cyphomyrmex costatus* | NW\_017265214 |  |
| Hemiptera | *Dactylopius coccus* | JMCM01001127 |  |
| Lepidoptera | *Danaus plexippus* | DPSCF300001 |  |
| Coleoptera | *Dendroctonus ponderosae* | APGK00000000.1 9 (INSDC) | >Seq\_1103023 dna:supercontig supercontig:DendPond\_male\_1.0:Seq\_1103023:1:4163268:1 REF |
| Coleoptera | *Diabrotica virgifera* | KZ688668 |  |
| Hymenoptera | *Diachasma alloeum* | NW\_015144998 |  |
| Hemiptera | *Diaphorina citri* | NW\_007377440 |  |
| Hymenoptera | *Dinoponera quadriceps* | NW\_014554123 |  |
| Hymenoptera | *Diuraphis noxia* | NW\_015368242 |  |
| Diptera | *Drosophila albomicans* | JH838198 |  |
| Diptera | *Drosophila americana* | CWKB01000001 |  |
| Diptera | *Drosophila ananassae* | QMES00000000.2 (GenBank) | >scaffold\_13340 dna:supercontig supercontig:dana\_caf1:scaffold\_13340:1:23697760:1 REF |
| Diptera | *Drosophila arizonae* | NW\_017127682 |  |
| Diptera | *Drosophila biarmipes* | NW\_016028565 |  |
| Diptera | *Drosophila bipectinata* | NW\_016083910 |  |
| Diptera | *Drosophila busckii* | NC\_030802 |  |
| Diptera | *Drosophila elegans* | NW\_016078481 |  |
| Diptera | *Drosophila erecta* | QMER00000000.2 (GenBank) | >scaffold\_4929 dna:supercontig supercontig:dere\_caf1:scaffold\_4929:1:26641161:1 REF |
| Diptera | *Drosophila eugracilis* | NW\_016073535 |  |
| Diptera | *Drosophila ficusphila* | NW\_016067781 |  |
| Diptera | *Drosophila grimshawi* | GCF\_000005155.2 | >scaffold\_15110 dna:supercontig supercontig:dgri\_caf1:scaffold\_15110:1:24565398:1 REF |
| Diptera | *Drosophila hydei* | NW\_019378586 |  |
| Diptera | *Drosophila kikkawai* | NW\_016062640 |  |
| Diptera | *Drosophila melanogaster* | GCF\_000001625.3 | >2L dna:chromosome chromosome:BDGP6:2L:1:23513712:1 REF |
| Diptera | *Drosophila miranda* | NC\_030302.1 |  |
| Diptera | *Drosophila mojavensis* | GCF\_000005175.2 | >scaffold\_6540 dna:supercontig supercontig:dmoj\_caf1:scaffold\_6540:1:34148556:1 REF |
| Diptera | *Drosophila montana* | LUVX01000001 |  |
| Diptera | *Drosophila nasuta* | LYTC01000001 |  |
| Diptera | *Drosophila navojoa* | NW\_017181428 |  |
| Diptera | *Drosophila novamexicana* | QMEP01000001 |  |
| Diptera | *Drosophila obscura* | NW\_019152098 |  |
| Diptera | *Drosophila persimilis* | GCF\_003286085.1 | >scaffold\_0 dna:supercontig supercontig:dper\_caf1:scaffold\_0:1:11822988:1 REF |
| Diptera | *Drosophila pseudoobscura* | GCF\_000001765.3 | >2 dna:chromosome chromosome:Dpse\_3.0:2:1:30819483:1 REF |
| Diptera | *Drosophila rhopaloa* | NW\_016039821 |  |
| Diptera | *Drosophila sechellia* | GCF\_004382195.1 | >scaffold\_0 dna:supercontig supercontig:dsec\_caf1:scaffold\_0:1:21120651:1 REF |
| Diptera | *Drosophila serrata* | NW\_018366212 |  |
| Diptera | *Drosophila simulans* | GCF\_000754195.2 | >2L dna:chromosome chromosome:ASM75419v3:2L:1:23539531:1 REF |
| Diptera | *Drosophila subobscura* | NGKO01001875 |  |
| Diptera | *Drosophila suzukii* | NW\_016019885 |  |
| Diptera | *Drosophila takahashii* | NW\_016034088 |  |
| Diptera | *Drosophila virilis* | GCF\_003285735.1 | >scaffold\_13049 dna:supercontig supercontig:dvir\_caf1:scaffold\_13049:1:25233164:1 REF |
| Diptera | *Drosophila willistoni* | GCF\_000005925.1 | >scf2\_1100000004943 dna:supercontig supercontig:dwil\_caf1:scf2\_1100000004943:1:16660200:1 REF |
| Diptera | *Drosophila yakuba* | GCF\_000005975.2 | >2L dna:chromosome chromosome:dyak\_caf1:2L:1:22324452:1 REF |
| Phasmatodea | *Dryococelus australis* | NKXL01000001 |  |
| Hymenoptera | *Dufourea novaeangliae* | NW\_015373878 |  |
| Ephemeroptera | *Ephemera danica* | KZ497563 |  |
| Diptera | *Ephydra gracilis* | JXPQ01000001 |  |
| Diptera | *Eristalis dimidiata* | JXPC01000001 |  |
| Hymenoptera | *Eufriesea mexicana* | NW\_016907855 |  |
| Hymenoptera | *Euglossa Dilemma* | NIJG01000001 |  |
| Hymenoptera | *Eupelmus annulatus* | UDEW01000001 |  |
| Hymenoptera | *Eupelmus urozonus* | UELX01000001 |  |
| Diptera | *Eutreta diana* | JXPB01000001 |  |
| Hemiptera | *Ferrisia virgata* | FIZR01000001 |  |
| Diptera | *Fopius arisanus* | NW\_011887740 |  |
| Thysanoptera | *Frankliniella occidentalis* | KZ555990 |  |
| Lepidoptera | *Galleria mellonella* | NTHM01000001 |  |
| Hemiptera | *Gerris buenoi* | KZ651037 |  |
| Diptera | *Glossina austeni* | KK502400 |  |
| Diptera | *Glossina brevipalpis* | KK351011 |  |
| Diptera | *Glossina fuscipes* | GCA\_000671735.1 | >Scaffold0 dna:supercontig supercontig:GfusI1:Scaffold0:1:3329503:1 |
| Diptera | *Glossina morsitans* | GCA\_001014515.1 | >scf7180000652170 dna:supercontig supercontig:GmorY1:scf7180000652170:1:25362821:1 |
| Diptera | *Glossina pallidipes* | GCA\_000688715.1 | >Scaffold0 dna:supercontig supercontig:GpalI1:Scaffold0:1:5836930:1 |
| Diptera | *Glossina palpalis* | KN796171 |  |
| Hymenoptera | *Goniozus legneri* | NCVS01000001 |  |
| Hymenoptera | *Habropoda laboriosa* | NW\_017100116 |  |
| Diptera | *Haematobia irritans* | PGFW01000001 |  |
| Hemiptera | *Halyomorpha halys* | NW\_020110170 |  |
| Hymenoptera | *Harpergnathos saltator* | NW\_020229871 |  |
| Lepidoptera | *Heliconius cydno* | FAPN01000001 |  |
| Lepidoptera | *Heliconius elevatus* | FAPS01000001 |  |
| Lepidoptera | *Heliconius ethilla* | FAPJ01000001 |  |
| Lepidoptera | *Heliconius hecale* | FAPG01000001 |  |
| Lepidoptera | *Heliconius hecuba* | FAQH01000001 |  |
| Lepidoptera | *Heliconius heurippa* | FAPY01000001 |  |
| Lepidoptera | *Heliconius hierax* | FAQL01000001 |  |
| Lepidoptera | *Heliconius ismenius* | FAPP01000001 |  |
| Lepidoptera | *Heliconius melpomene* | HE671591 |  |
| Lepidoptera | *Heliconius numata* | FASQ01000001 |  |
| Lepidoptera | *Heliconius pachinus* | FASS01000001 |  |
| Lepidoptera | *Heliconius pardalinus* | FASU01000001 |  |
| Lepidoptera | *Heliconius timareta* | FAUB01000001 |  |
| Lepidoptera | *Heliconius wallacei* | FAUM01000001 |  |
| Lepidoptera | *Heliconius xanthocles* | FAUE01000001 |  |
| Lepidoptera | *Helicoverpa armigera* | NW\_018395390 |  |
| Lepidoptera | *Helicoverpa punctigera* |  |  |
| Lepidoptera | *Helicoverpa zea* | KZ116068 |  |
| Lepidoptera | *Heliothis virescens* | NWSH01000001 |  |
| Diptera | *Hermetia illucens* | JXPW01000001 |  |
| Diptera | *Holcocephala fusca* | JXPE01000001 |  |
| Hemiptera | *Homalodisca vitripennis* | KZ826510 |  |
| Coleoptera | *Hypothenemus hampei* | LBGY01000001 |  |
| Plecoptera | *Isoperla grammatica* | LVVW010000001 |  |
| Lepidoptera | *Laparus doris* | FAQD01000001 |  |
| Hymenoptera | *Lasioglossum albipes* | ANOB01000001 |  |
| Hymenoptera | *Lasius niger* | LBMM01000001 |  |
| Orthoptera | *Laupala kohalensis* | NNCF01000001 |  |
| Plecoptera | *Lednia tumana* | QKMV01000001 |  |
| Hymenoptera | *Lepidotrigona ventralis* | NIPQ01000001 |  |
| Lepidoptera | *Leptidea sinapsis* | FZQP01000001 |  |
| Coleoptera | *Leptinotarsa decemlineata* | NW\_019289415 |  |
| Hymenoptera | *Leptopilina boulardi* | PQAT01000001 |  |
| Hymenoptera | *Leptopilina clavipes* | JUFY01000001 |  |
| Lepidoptera | *Lerema accius* | LGAG01000001 |  |
| Odonata | *Libellula fulva* | GCA\_000376725.2 |  |
| Trichoptera | *Limnephilus lunatus* | KZ319399 |  |
| Hymenoptera | *Linepithema hunile* | NW\_012157838 |  |
| Diptera | *Liriomyza trifolii* | JXHJ01000001 |  |
| Orthoptera | *Locusta migratoria* | AVCP010000001 |  |
| Diptera | *Lucilia cuprina* | JRES01001160 | ref |
| Diptera | *Lucilia sericata* | JXPF01000001 |  |
| Diptera | *Lutzomyia longipalpis* | JH689321 |  |
| Archaeognatha | *Machilis hrabei* | GCA\_003456935.1 |  |
| Hemiptera | *Maconellicoccus hirsutus* | FIZS01000001 |  |
| Hymenoptera | *Macrocentrus cingulum* | MVJL01000001 |  |
| Lepidoptera | *Mamestra configurata* | NDFZ01000001 |  |
| Lepidoptera | *Manduca sexta* | JH668279 | ref |
| Diptera | *Mayetiola destructor* | GL501517 | ref |
| Phasmatodea | *Medauroidea extradentata* | PNEQ01000001 |  |
| Hymenoptera | *Megachile rotundata* | NW\_003797049 |  |
| Diptera | *Megaselia abdita* | JXPG01000001 |  |
| Diptera | *Megaselia scalaris* | GCA\_000341915.2 | >scaffold9042 dna:scaffold scaffold:Msca1:scaffold9042:1:114435:1 REF |
| Hymenoptera | *Megastigmus dorsalis* | UELU01000001 |  |
| Hymenoptera | *Megastigmus stigmatizans* | UELV01000001 |  |
| Hemiptera | *Melanaphis sacchari* | NW\_020270366 |  |
| Hymenoptera | *Melipona quadrifasciata* | KQ435686 |  |
| Lepidoptera | *Melitaea cinxia* | GCA\_000716385.1 | >scaffold1689 dna:scaffold scaffold:MelCinx1.0:scaffold1689:1:668473:1 REF |
| Strepsiptera | *Mengenill moldrzyki* | AGDA01000001 |  |
| Hymenoptera | *Microplitis demolitor* | NW\_014463221 |  |
| Diptera | *Mochlonyx cinctipes* | JXPH01000001 |  |
| Hymenoptera | *Monomorium pharaonis* | NW\_012205351 |  |
| Diptera | *Musca domestica* | NW\_004754939 |  |
| Hemiptera | *Myzus persicae* | NW\_019100468 |  |
| Hymenoptera | *Nasonia giraulti* | GL273804 |  |
| Hymenoptera | *Nasonia longicornis* | GL277950 |  |
| Hymenoptera | *Nasonia vitripennis* | GCF\_009193385.2 | ref>1 dna:chromosome chromosome:Nvit\_2.1:1:1:33571687:1 REF |
| Diptera | *Neobellieria bullata* | JXPI01000001 |  |
| Hymenoptera | *Neodiprion lecontei* | NW\_015380904 |  |
| Lepidoptera | *Neruda aoede* | FAPZ01000001 |  |
| Coleoptera | *Nicrophorus vespilloides* | NW\_017095466 |  |
| Hemiptera | *Nilaparvata lugens* | NW\_019105540 |  |
| Hemiptera | *Oncopeltus fasciatus* | KZ806866 |  |
| Coleoptera | *Onthophagus taurus* | NW\_019280316 |  |
| Hymenoptera | *Ooceraea biroi* | NW\_011924876 |  |
| Lepidoptera | *Operophtera brumata* | JTDY01000001 |  |
| Hymenoptera | *Ormyrus nitidulus* | UCOL01000001 |  |
| Hymenoptera | *Ormyrus pomaceus* | UCOM01000001 |  |
| Hymenoptera | *Orussus abietinus* | NW\_019394231 |  |
| Coleoptera | *Oryctes borbonicus* | LJIG01000001 |  |
| Hemiptera | *Pachypsylla venusta* | KZ545295 |  |
| Lepidoptera | *Papilio glaucus* | JWHW01000001 |  |
| Lepidoptera | *Papilio machaon* | NW\_014478584 |  |
| Lepidoptera | *Papilio memnon* | BDMF01000001 |  |
| Lepidoptera | *Papilio polytes* | NW\_013524711 |  |
| Lepidoptera | *Papilio xuthus* | NW\_013528584 |  |
| Hemiptera | *Paracoccus marginatus* | FIZT01000001 |  |
| Diptera | *Paykullia maculata* | NDXZ01000001 |  |
| Pthiraptera | *Pediculus humanus* | DS235882 | ref |
| Blatoodea | *Periplaneta americana* | PGRX01000001 |  |
| Hemiptera | *Philaenus spumarius* | MPAX010000001 |  |
| Diptera | *Phlebotomus papatasi* | JH660948 |  |
| Lepidoptera | *Phoebis sennae* | LQNK01000631 |  |
| Diptera | *Phormia regina* | MINK01000001 |  |
| Diptera | *Phortica variegata* | JXPM01000001 |  |
| Lepidoptera | *Pieris rapae* | NW\_019093120 |  |
| Hemiptera | *Piezodorus guildinii* | JTEQ01000001 |  |
| Lepidoptera | *Plodia interpunctella* | LT849405 |  |
| Lepidoptera | *Plutella xylostella* | NW\_011952010 |  |
| Hymenoptera | *Pogomyrmex barbatus* | NW\_011929472 |  |
| Coleoptera | *Pogonus chalceus* | CM008230 |  |
| Hymenoptera | *Polistes canadensis* | NW\_014569547 |  |
| Hymenoptera | *Polistes dominula* | NW\_015148970 |  |
| Coleoptera | *Priacma serrata* | AGRH01000001 |  |
| Diptera | *Proctacanthus coquilletti* | MNCL01000001 |  |
| Hemiptera | *Pseudococcus longispinus* | FIZU01000001 |  |
| Hymenoptera | *Pseudomyrmex gracilis* | NW\_018020584 |  |
| Diptera | *Rhagoletis zephyria* | NW\_016157085 |  |
| Hemiptera | *Rhodnius prolixus* | KQ034056 | ref |
| Diptera | *Scaptodrosophila lebanonesis* | QMEN01000001 |  |
| Hemiptera | *Schizaphis graminum* | QEWZ01000001 |  |
| Hemiptera | *Sipha flava* | NW\_020271713 |  |
| Coleoptera | *Sitophilus oryzae* | PPTJ01000001 |  |
| Hymenoptera | *Solenopsis invicta* | GCF\_000188075.2 | >Si\_gnG.scaffold02694 dna:supercontig supercontig:Si\_gnG:Si\_gnG.scaffold02694:1:6355204:1 REF |
| Diptera | *Sphyracephala brevicornis* | JXPL01000001 |  |
| Lepidoptera | *Spodoptera frugiperda* | NJHR01000001 |  |
| Lepidoptera | *Spodoptera litura* | NC\_036187 |  |
| Diptera | *Stomoxys calcitrans* | NW\_013171869 |  |
| Hymenoptera | *Synergus umbraculus* | UCOK01000001 |  |
| Diptera | *Teleopsis dalmanni* | NLCU01024205 |  |
| Hymenoptera | *Temnothorax curvispinosus* | NW\_020209781 |  |
| Diptera | *Tephritis californica* | JXPN01000001 |  |
| Diptera | *Themira minor* | JXPZ01000001 |  |
| Phasmatodea | *Timema cristinae* | CM009472 |  |
| Diptera | *Tipula oleracea* | JXPP01000001 |  |
| Hemiptera | *Trabutina mannipara* | FKYK01000001 |  |
| Hymenoptera | *Trachymyrmex cornetzi* | NW\_017280593 |  |
| Hymenoptera | *Trachymyrmex septentrionalis* | NW\_017300354 |  |
| Hymenoptera | *Trachymyrmex zeteki* | NW\_017253421 |  |
| Coleoptera | *Tribolium castaneum* | GCF\_000002335.3 | >LGX dna:chromosome\_group chromosome\_group:Tcas5.2:LGX:1:8676460:1 REF |
| Hymenoptera | *Trichogramma pretiosum* | NW\_019640787 |  |
| Hymenoptera | *Trichomalopsis sarcophagae* | NNAY01000001 |  |
| Lepidoptera | *Trichoplusia ni* | GCF\_003590095.1 |  |
| Hemiptera | *Trionymus perrisii* | FIZV01000001 |  |
| Diptera | *Trupanea jonesi* | JXQA01000001 |  |
| Lepidoptera | *Vanessa tameamea* | PEHJ01000001 |  |
| Hymenoptera | *Vollenhovia emeryi* | NW\_011953989 |  |
| Hymenoptera | *Wasmannia auropunctata* | NW\_012020309 |  |
| Orthoptera | *Xenocatantops brachycerus* | OFSG01000001 |  |
| Diptera | *Zaprionus indianus* | LWKS01000001 |  |
| Diptera | *Zeugodacus cucurbitae* | NW\_011863665 |  |
| Blattodea | *Zootermopsis nevadensis* | GCF\_000696155.1 | >scaffold24 dna:supercontig supercontig:ZooNev1.0:scaffold24:1:5111804:1 REF |