**Table S2: Accession numbers used to infer molecular phylogeny of *Spiroplasma****.* Accession numbers from NCBI of the 16S rDNA sequences included in tree.

|  |  |  |
| --- | --- | --- |
| **Clade** | **Taxon** | **Accession #** |
| Outgroup | *Bacillus subtilis* | HQ228563  |
| Mycoides-Entomoplasmataceae (ME) | Mycoplasma neurolyticum  | M23944 |
| Mycoplasma sualvi  | M23936 |
| Mycoplasma pulmonis  | M23941 |
| Mycoplasma hominis  | M24473 |
| Mycoplasma synoviae | X52083  |
| Entomoplasma freundtii  | AF036954  |
| Mesoplasma lactucae  | AF303132  |
| Mycoplasma sp.  | M24478  |
| Mesoplasma entomophilum  | M23931  |
| Mycoplasma ellychnium  | M24292  |
| Mycoplasma mycoides  | U26039  |
| Mycoplasma capricolum  | U26047  |
| Mycoplasma putrefaciens  | NR\_025971  |
| Mycoplasma cottewii  | U67945  |
| Mycoplasma yeatsii  | U67946  |
| Apis | S. culicicola (Diptera)  | NR\_025701  |
| S. chinense (plants)  | NR\_025698  |
| S. velocicrescens (Hymenoptera)  | AY189311  |
| S. velocicrescens (Hymenoptera)  | NR\_025713  |
| S. diabroticae (Coleoptera)  | GU908490  |
| S. monobiae (Hymenoptera)  | GU585673  |
| S. cantharicola (Coleoptera)  | DQ861914  |
| Spiroplasma sp. (plants)  | EF151267  |
| S. tabanidicola (Diptera)  | GU585670  |
| S. lineolae (Diptera)  | DQ860100  |
| S. gladiatoris (Diptera) | M24475  |
| S. litorale (Diptera)  | GU908489  |
| S. turonicum (Diptera)  | NR\_025712  |
| S. corruscae (Coleoptera)  | NR\_025700  |
| S. apis (Hymenoptera)  | GU993267  |
| S. montanense (Diptera)  | NR\_025709  |
| S. taiwanense (Diptera)  | HM037992  |
| S. leptinotarasae (Coleoptera)  | AY189305  |
| S. alleghenen (Mecoptera)  | AY189125  |
| S. sabaudiense (Diptera)  | AY189308  |
| Citri-Chrysopicola-Mirum (CCM) | Procambarus clarkia (Decapoda)  | DQ917754  |
| Panaeus vannamei (Decapoda) | DQ917755  |
| S. mirum (Decapoda)  | DQ917756  |
| Tabanidae sp. (Diptera | EF491664  |
| Tababus atratus (Diptera) | AY189314  |
| Haematopota sp. (Diptera) | EF491665  |
| S. chrysopicola (Diptera) | NR\_025699  |
| S. syrphidicola (Diptera)  | NR\_025711  |
| S.citri (plants)  | M23942  |
| Spinturnix sp. (Mesostigmata) | DQ28984  |
| S. phoeniceum (plants)  | AY772395  |
| S. kunkelii (plants)  | GU562447  |
| Drosophila mojavensis (Diptera)  | FJ657217  |
| Drosophila mojavensis (Diptera)  | FJ657222  |
| Drosophila hydei (Diptera)  | FJ657240  |
| Drosophila wheeleri (Diptera)  | FJ657225  |
| Drosophila aldrichi (Diptera)  | FJ657236  |
| Hippoboscoidea, Streblidae (Diptera)  | JF266584  |
| Hippoboscoidea, Streblidae (Diptera) | JF266586  |
| S. melliferum  | NR\_025756  |
| S. insolitum  | NR\_025705  |
| Drosophila willistoni (Diptera) | M24483  |
| Drosophila simulans (Diptera) | FJ657181  |
| Ixodetis | Laelapidae mite (Mesostigmata) | JF266582  |
| Neriene clathrata (Araneae) | EU727102  |
| Tetragnatha montana (Araneae) | EU727105  |
| Meta segmentata (Araneae) | EU727104  |
| Meta mengei (Araneae) | EU727103  |
| Hepialus gonggaensis (Lepidoptera) | EU344951  |
| Araneus diadematus (Araneae) | EU727099  |
| Chrysolina varians (Coleoptera) | EU727100  |
| Adalia bipunctata (Coleoptera) | AJ006775  |
| S. ixodetis (Ixodida)  | GU585671  |
| Laodelphax striatellus (Hemiptera) | AB553862  |
| Antonina crawii (Hemiptera)  | AB030022  |
| Agathemera claraziana (Phasmatodea) (A33 gut)  | JF266577  |
| Drosophila ananassae (Diptera) | FJ657247  |
| Ctenocephalides felis (Siphonaptera) | EF121346  |
| Anisosticta novemdecimpunctata (Coleoptera) | AM087471  |
| Fannia manicata (Diptera) | AY569829  |
| Drosophila atripex (Diptera) | FJ657246  |
| Drosophila ananassae (Diptera) | FJ657248  |
| Notostira elongata (Hemiptera) | EU727098  |
| environmental sample | AY837732  |
| Anopheles sp. (Diptera) | AY837733  |
| Anopheles sp. (Diptera) | AY837731  |
| Ostrinia zaguliaevi (Lepidoptera) | AB542741  |
| unidentified spider (Araneae) | JF266583  |
| unidentified spider (Araneae) | JF266585  |
| Tipula oleracea (Diptera) | EU727101 |
| Drosophila tenebrosa (Diptera) | FJ657245  |
| S. platyhelix (Odonata)  | DQ860101  |
| S. platyhelix (Odonata)  | GU993266  |
| Trachymyrmex jamaicensis (Hymenoptera) | GQ275127  |
| Vollenhovia sp. (Hymenoptera) | GQ275136  |
| Kerria lacca (Hemiptera) | GU129148  |
| Leptus sayi (Trombidiformes) (Host A33)  | JF266580  |
| Leptus sayi (Trombidiformes) (Host A78)  | JF266581  |