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

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| --- | --- | --- |
| **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 |