

Taxonomic Outline of the Bacteria and Archaea, Release 7.7 March 6, 2007.
Part 8 – The Bacteria: Phylum “Firmicutes”: Class Mollicutes
George M. Garrity, Timothy G. Lilburn, James R. Cole,
Scott H. Harrison, Jean Euzéby, and Brian J. Tindall

Class Mollicutes^{AL} Edward and Freundt 1967. N4Lid DOI: 10.1601/nm.4612

Order Mycoplasmatales^{AL} Freundt 1955. N4Lid DOI: 10.1601/nm.4613

Family Mycoplasmataceae^{AL} Freundt 1955. N4Lid DOI: 10.1601/nm.4614

Genus Mycoplasma^{AL} Nowak 1929. N4Lid DOI: 10.1601/nm.4615

Mycoplasma mycoides subsp. mycoides^{AL} (Borrel et al. 1910) Freundt 1955. Source of type material recommended for DOE sponsored genome sequencing by the JGI: NCTC 10114. GOLD ID: Gc00170. GCAT ID: 000440_GCAT. Entrez genome id: 10616. Sequenced strain: PG1T is from a non-type strain. Genome sequencing is completed. Number of genomes of this species sequenced 2 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4616

Mycoplasma mycoides subsp. capri^{AL} (Edward 1953) Freundt 1955. Source of type material recommended for DOE sponsored genome sequencing by the JGI: CIP 71.25. N4Lid DOI: 10.1601/nm.4617

Mycoplasma adleri^{VP} Del Giudice et al. 1995. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 27948. High-quality 16S rRNA sequence S000438227 (RDP), U67943 (Genbank). N4Lid DOI: 10.1601/nm.4618

Mycoplasma agalactiae^{AL} (Wroblewski 1931) Freundt 1955. Source of type material recommended for DOE sponsored genome sequencing by the JGI: CIP 59.7. High-quality 16S rRNA sequence S000436112 (RDP), M24290 (Genbank). GOLD ID: Gi01077. GCAT ID: 001237_GCAT. Entrez genome id: 16095. Sequenced strain: PG2 is type material. Genome sequencing is incomplete. Number of genomes of this species sequenced 2 (GOLD) 2 (NCBI). N4Lid DOI: 10.1601/nm.4619

Mycoplasma agassizii^{VP} Brown et al. 2001. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 700616. High-quality 16S rRNA sequence S000437081 (RDP), U09786 (Genbank). N4Lid DOI: 10.1601/nm.4620

Mycoplasma alkalescens^{AL} Leach 1973. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29103. High-quality 16S rRNA sequence S000437636 (RDP), U44764 (Genbank). N4Lid DOI: 10.1601/nm.4621

Mycoplasma alligatoris^{VP} Brown et al. 2001. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 700619. GOLD ID: Gi00387. GCAT ID: 001239_GCAT. Entrez genome id: 13414. Genome sequence is from a non-type strain. Genome sequencing is incomplete. Number of genomes of this species sequenced 1 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4622

Mycoplasma alvi^{AL} Gourlay et al. 1977. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29626. High-quality 16S rRNA sequence S000437637 (RDP), U44765 (Genbank). N4Lid DOI: 10.1601/nm.4623

Mycoplasma amphoriforme^{VP} Pitcher et al. 2005. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC BAA-992. High-quality 16S rRNA sequence S000474664 (RDP), AY531655 (Genbank). GOLD ID: Gi01369. GCAT ID: 001240_GCAT. Sequenced strain: ATCC BAA-992 is type material. Genome sequencing is incomplete. Number of genomes of this species sequenced 1 (GOLD). N4Lid 10.1601/nm.9763

Mycoplasma anatis^{AL} Roberts 1964. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 25524. High-quality 16S rRNA sequence S000393496 (RDP), AF412970 (Genbank). N4Lid DOI: 10.1601/nm.4624

Mycoplasma anseris^{VP} Bradbury et al. 1988. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49234. High-quality 16S rRNA sequence S000387268 (RDP), AF125584 (Genbank). N4Lid DOI: 10.1601/nm.4625

Mycoplasma arginini^{AL} Barile et al. 1968. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 23838. High-quality 16S rRNA sequence S000436127 (RDP), M24579 (Genbank). N4Lid DOI: 10.1601/nm.4626

Mycoplasma arthritidis^{AL} (Sabin 1941) Freundt 1955. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 19611. High-quality 16S rRNA sequence S000436128 (RDP), M24580 (Genbank). GOLD ID: Gi00388. GCAT ID: 001241_GCAT. Entrez genome id: 1422. Sequenced strain: 158L3-1 is from a non-type strain. Genome sequencing is incomplete. Number of genomes of this species sequenced 1 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4627

Mycoplasma auris^{VP} DaMassa et al. 1994. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51348. High-quality 16S rRNA sequence S000438228 (RDP), U67944 (Genbank). N4Lid DOI: 10.1601/nm.4628

Mycoplasma bovigenitalium^{AL} Freundt 1955. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 19852. High-quality 16S rRNA sequence S000436113 (RDP), M24291 (Genbank). N4Lid DOI: 10.1601/nm.4629

Mycoplasma bovirhinis^{AL} Leach 1967. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 27748. High-quality 16S rRNA sequence S000437638 (RDP), U44766 (Genbank). N4Lid DOI: 10.1601/nm.4630

Mycoplasma bovis^{AL} (Hale et al. 1962) Askaa and Erno 1976. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 25523. High-quality 16S rRNA sequence S000437000 (RDP), U02968 (Genbank). GOLD ID: Gi00575. GCAT ID: 001242_GCAT. Entrez genome id: 12525. Sequenced strain: Donetta PG45 is from a non-type strain. Genome sequencing is incomplete. Number of genomes of this species sequenced 1 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4631

Mycoplasma bovoculi^{AL} Langford and Leach 1973. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29104. High-quality 16S rRNA sequence S000437640 (RDP), U44768 (Genbank). N4Lid DOI: 10.1601/nm.4632

Mycoplasma buccale^{AL} Freundt et al. 1974. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 23636. High-quality 16S rRNA sequence S000387270 (RDP), AF125586 (Genbank). N4Lid DOI: 10.1601/nm.4633

Mycoplasma buteonis^{VP} Poveda et al. 1994. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51371. High-quality 16S rRNA sequence S000393497 (RDP), AF412971 (Genbank). N4Lid DOI: 10.1601/nm.4634

Mycoplasma californicum^{VP} Jasper et al. 1981. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33461. High-quality 16S rRNA sequence S000436130 (RDP), M24582 (Genbank). N4Lid DOI: 10.1601/nm.4635

Mycoplasma canadense^{AL} Langford et al. 1976. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29418. High-quality 16S rRNA sequence S000437641 (RDP), U44769 (Genbank). N4Lid DOI: 10.1601/nm.4636

Mycoplasma canis^{AL} Edward 1955. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 19525. High-quality 16S rRNA sequence S000391949 (RDP), AF340023 (Genbank). N4Lid DOI: 10.1601/nm.4637

Mycoplasma capricolum subsp. capricolum^{VP} Tully et al. 1974. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 27343. High-quality 16S rRNA sequence S000437378 (RDP), U26045 (Genbank). GOLD ID: Gc00329. GCAT ID: 000281_GCAT. Entrez genome id: 16208. Sequenced strain: ATCC 27343 is type material. Genome sequencing is completed. Number of genomes of this species sequenced 3 (GOLD) 2 (NCBI). N4Lid DOI: 10.1601/nm.4638

Mycoplasma capricolum subsp. capripneumoniae^{VP} Leach et al. 1993. Source of type material recommended for DOE sponsored genome sequencing by the JGI: NCTC 10192. High-quality 16S rRNA sequence S000380940 (RDP), M94728 (Genbank). N4Lid DOI: 10.1601/nm.4639

Mycoplasma caviae^{AL} Hill 1971. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 27108. High-quality 16S rRNA sequence S000389399 (RDP), AF221111 (Genbank). N4Lid DOI: 10.1601/nm.4640

Mycoplasma cavipharyngis^{VP} Hill 1989. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43016. High-quality 16S rRNA sequence S000387281 (RDP), AF125879 (Genbank). N4Lid DOI: 10.1601/nm.4641

Mycoplasma citelli^{AL} Rose et al. 1978. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29760. High-quality 16S rRNA sequence S000393499 (RDP), AF412973 (Genbank). N4Lid DOI: 10.1601/nm.4642

Mycoplasma cloacale^{VP} Bradbury and Forrest 1984. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 35276. High-quality 16S rRNA sequence S000387276 (RDP), AF125592 (Genbank). N4Lid DOI: 10.1601/nm.4643

"*Mycoplasma coccoides*" (Schilling 1928) Neimark et al. 2005. <== *Eperythrozoon coccoides* (basonym). Synonym links through N4Lid: 10.1601/ex.4736. Source of type material recommended for DOE sponsored genome sequencing by the JGI: no viable deposit. High-quality 16S rRNA sequence S000540495 (RDP), AY171918 (Genbank). N4Lid 10.1601/nm.9256

† *Eperythrozoon coccoides*^{AL} Schilling 1928. ==> *Mycoplasma coccoides* (new combination). Synonym links through N4Lid: 10.1601/ex.4736. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000540495 (RDP), AY171918 (Genbank). N4Lid DOI: 10.1601/nm.4736

Mycoplasma collis^{VP} Hill 1983. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 35278. High-quality 16S rRNA sequence S000393500 (RDP), AF412974 (Genbank). N4Lid DOI: 10.1601/nm.4644

Mycoplasma columbinasale^{VP} Jordan et al. 1982. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33549. High-quality 16S rRNA sequence S000389400 (RDP), AF221112 (Genbank). N4Lid DOI: 10.1601/nm.4645

Mycoplasma columbinum^{AL} Shimizu et al. 1978. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29257. High-quality 16S rRNA sequence S000389401 (RDP), AF221113 (Genbank). N4Lid DOI: 10.1601/nm.4646

Mycoplasma columborale^{AL} Shimizu et al. 1978. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29258. High-quality 16S rRNA sequence S000393501 (RDP), AF412975 (Genbank). N4Lid DOI: 10.1601/nm.4647

Mycoplasma conjunctivae^{AL} Barile et al. 1972. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 25834. N4Lid DOI: 10.1601/nm.4648

Mycoplasma corogypsi^{VP} Panangala et al. 1993. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51148. High-quality 16S rRNA sequence S000414326 (RDP), L08054 (Genbank). N4Lid DOI: 10.1601/nm.4649

Mycoplasma cottewii^{VP} DaMassa et al. 1994. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51347. High-quality 16S rRNA sequence S000438229 (RDP), U67945 (Genbank). N4Lid DOI: 10.1601/nm.4650

Mycoplasma cricetuli^{VP} Hill 1983. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 35279. High-quality 16S rRNA sequence S000393502 (RDP), AF412976 (Genbank). N4Lid DOI: 10.1601/nm.4651

Mycoplasma crocodyli^{VP} Kirchhoff et al. 1997. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51981. High-quality 16S rRNA sequence S000393503 (RDP), AF412977 (Genbank). N4Lid DOI: 10.1601/nm.4652

Mycoplasma cynos^{AL} Rosendal 1973. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 27544. High-quality 16S rRNA sequence S000393504 (RDP), AF412978 (Genbank). N4Lid DOI: 10.1601/nm.4653

Mycoplasma dispar^{AL} Gourlay and Leach 1970. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 27140. High-quality 16S rRNA sequence S000393505 (RDP), AF412979 (Genbank). N4Lid DOI: 10.1601/nm.4654

Mycoplasma edwardii^{AL} Tully et al. 1970. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 23462. N4Lid DOI: 10.1601/nm.4655

Mycoplasma elephantis^{VP} Kirchhoff et al. 1996. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51980. High-quality 16S rRNA sequence S000389409 (RDP), AF221121 (Genbank). N4Lid DOI: 10.1601/nm.4656

Mycoplasma equigenitalium^{AL} Kirchhoff 1978. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29869. High-quality 16S rRNA sequence S000389408 (RDP), AF221120 (Genbank). N4Lid DOI: 10.1601/nm.4658

- Mycoplasma equirhinis*^{AL} Allam and Lemcke 1975. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29420. High-quality 16S rRNA sequence S000387269 (RDP), AF125585 (Genbank). N4Lid DOI: 10.1601/nm.4659
- Mycoplasma falconis*^{VP} Poveda et al. 1994. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51372. High-quality 16S rRNA sequence S000387275 (RDP), AF125591 (Genbank). N4Lid DOI: 10.1601/nm.4660
- Mycoplasma fastidiosum*^{VP} Lemcke and Poland 1980. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33229. High-quality 16S rRNA sequence S000387280 (RDP), AF125878 (Genbank). N4Lid DOI: 10.1601/nm.4661
- Mycoplasma faucium*^{AL} Freundt et al. 1974. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 25293. High-quality 16S rRNA sequence S000387274 (RDP), AF125590 (Genbank). N4Lid DOI: 10.1601/nm.4662
- Mycoplasma felifaucium*^{VP} Hill 1988. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43428. High-quality 16S rRNA sequence S000437201 (RDP), U15795 (Genbank). N4Lid DOI: 10.1601/nm.4663
- Mycoplasma feliminutum*^{AL} Heyward et al. 1969. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 25749. High-quality 16S rRNA sequence S000437221 (RDP), U16758 (Genbank). N4Lid DOI: 10.1601/nm.4664
- Mycoplasma felis*^{AL} Cole et al. 1967. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 23391. High-quality 16S rRNA sequence S000437082 (RDP), U09787 (Genbank). N4Lid DOI: 10.1601/nm.4665
- Mycoplasma fermentans*^{AL} Edward 1955. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 19989. High-quality 16S rRNA sequence S000436111 (RDP), M24289 (Genbank). GOLD ID: Gi00390. GCAT ID: 001245_GCAT. Entrez genome id: 13415. Genome sequence is from a non-type strain. Genome sequencing is incomplete. Number of genomes of this species sequenced 3 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4666
- Mycoplasma flocculare*^{AL} Meyling and Friss 1972. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 27399. High-quality 16S rRNA sequence S000414515 (RDP), L22210 (Genbank). N4Lid DOI: 10.1601/nm.4667
- Mycoplasma gallinaceum*^{VP} Jordan et al. 1982. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33550. High-quality 16S rRNA sequence S000414531 (RDP), L24104 (Genbank). N4Lid DOI: 10.1601/nm.4668
- Mycoplasma gallinarum*^{AL} Freundt 1955. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 19708. N4Lid DOI: 10.1601/nm.4669
- Mycoplasma gallisepticum*^{AL} Edward and Kanarek 1960. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 19610. High-quality 16S rRNA sequence S000735424 (RDP). GOLD ID: Gc00153. GCAT ID: 000457_GCAT. Entrez genome id: 409. Sequenced strain: R is from a non-type strain. Genome sequencing is completed. Number of genomes of this species sequenced 1 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4670
- Mycoplasma gallopavonis*^{VP} Jordan et al. 1982. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33551. High-quality 16S rRNA sequence S000393506 (RDP), AF412980 (Genbank). N4Lid DOI: 10.1601/nm.4671
- Mycoplasma gateae*^{AL} Cole et al. 1967. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 23392. High-quality 16S rRNA sequence S000437202 (RDP), U15796 (Genbank). N4Lid DOI: 10.1601/nm.4672
- Mycoplasma genitalium*^{VP} Tully et al. 1983. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33530. High-quality 16S rRNA sequence S000015364 (RDP), X77334 (Genbank). GOLD ID: Gc00002. GCAT ID: 000608_GCAT. Entrez genome id: 97. Sequenced strain: ATCC 33530 is type material. Genome sequencing is completed. Number of genomes of this species sequenced 2 (GOLD) 3 (NCBI). N4Lid DOI: 10.1601/nm.4673
- Mycoplasma glycyphilum*^{VP} Forrest and Bradbury 1984. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 35277. High-quality 16S rRNA sequence S000393507 (RDP), AF412981 (Genbank). N4Lid DOI: 10.1601/nm.4674
- Mycoplasma gypis*^{VP} Poveda et al. 1994. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51370. High-quality 16S rRNA sequence S000387273 (RDP), AF125589 (Genbank). N4Lid DOI: 10.1601/nm.4675

"Mycoplasma haematoparvum" Sykes et al. 2005. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000473690 (RDP), AY383241 (Genbank). N4Lid 10.1601/nm.8974

Mycoplasma haemocanis^{VP} (Kreier and Ristic 1984) Messick et al. 2002. <== *Haemobartonella canis* (basonym). Synonym links through N4Lid: 10.1601/ex.4743. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000388987 (RDP), AF197337 (Genbank). N4Lid DOI: 10.1601/nm.4676

† *Haemobartonella canis*^{VP} (ex Kikuth 1928) Kreier and Ristic 1984. ==> *Mycoplasma haemocanis* (new combination). Synonym links through N4Lid: 10.1601/ex.4743. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000388987 (RDP), AF197337 (Genbank). N4Lid DOI: 10.1601/nm.4743

Mycoplasma haemofelis^{VP} Neimark et al. 2001. <== *Haemobartonella felis* (basonym). Synonym links through N4Lid: 10.1601/ex.4744. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000438889 (RDP), U95297 (Genbank). GOLD ID: Gi00391. GCAT ID: 001249_GCAT. Entrez genome id: 13416. Genome sequence is from a non-type strain. Genome sequencing is incomplete. Number of genomes of this species sequenced 1 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4677

† *Haemobartonella felis*^{VP} (ex Clark 1942) Kreier and Ristic 1984. ==> *Mycoplasma haemofelis* (new combination). Synonym links through N4Lid: 10.1601/ex.4744. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000438889 (RDP), U95297 (Genbank). GOLD ID: Gi00391. GCAT ID: 001249_GCAT. Entrez genome id: 13416. Genome sequence is from a non-type strain. Genome sequencing is incomplete. Number of genomes of this species sequenced 1 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4744

Mycoplasma haemomuris^{VP} Neimark et al. 2001. <== *Haemobartonella muris* (basonym). Synonym links through N4Lid: 10.1601/ex.4742. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000438517 (RDP), U82963 (Genbank). N4Lid DOI: 10.1601/nm.4678

† *Haemobartonella muris*^{AL} (Mayer 1921) Tyzzer and Weinman 1939. ==> *Mycoplasma haemomuris* (new combination). Synonym links through N4Lid: 10.1601/ex.4742. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000438517 (RDP), U82963 (Genbank). N4Lid DOI: 10.1601/nm.4742

Mycoplasma hominis^{AL} (Freundt 1953) Edward 1955. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 23114. High-quality 16S rRNA sequence S000436116 (RDP), M24473 (Genbank). GOLD ID: Gi01079. GCAT ID: 001250_GCAT. Sequenced strain: PG21 is from a non-type strain. Genome sequencing is incomplete. Number of genomes of this species sequenced 1 (GOLD). N4Lid DOI: 10.1601/nm.4679

Mycoplasma hyopharyngis^{VP} Erickson et al. 1986. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51909. High-quality 16S rRNA sequence S000437947 (RDP), U58997 (Genbank). N4Lid DOI: 10.1601/nm.4680

Mycoplasma hyopneumoniae^{AL} Mare and Switzer 1965. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 25934. High-quality 16S rRNA sequence S000598369 (RDP). GOLD ID: Gc00209. GCAT ID: 000401_GCAT. Entrez genome id: 13120. Sequenced strain: NCTC 10110 is type material. Genome sequencing is completed. Number of genomes of this species sequenced 3 (GOLD) 3 (NCBI). N4Lid DOI: 10.1601/nm.4681

Mycoplasma hyorhinis^{AL} Switzer 1955. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 17981. High-quality 16S rRNA sequence S000436131 (RDP), M24658 (Genbank). N4Lid DOI: 10.1601/nm.4682

Mycoplasma hyosynoviae^{AL} Ross and Karmon 1970. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 25591. High-quality 16S rRNA sequence S000437401 (RDP), U26730 (Genbank). N4Lid DOI: 10.1601/nm.4683

- Mycoplasma iguanae*^{VP} Brown et al. 2006. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC BAA-1050. High-quality 16S rRNA sequence S000443643 (RDP), AY714305 (Genbank). N4Lid 10.1601/nm.9978
- Mycoplasma imitans*^{VP} Bradbury et al. 1993. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51306. High-quality 16S rRNA sequence S000414530 (RDP), L24103 (Genbank). N4Lid DOI: 10.1601/nm.4684
- Mycoplasma indiense*^{VP} Hill 1993. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51125. High-quality 16S rRNA sequence S000387277 (RDP), AF125593 (Genbank). N4Lid DOI: 10.1601/nm.4685
- Mycoplasma iners*^{AL} Edward and Kanarek 1960. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 19705. High-quality 16S rRNA sequence S000389402 (RDP), AF221114 (Genbank). N4Lid DOI: 10.1601/nm.4686
- Mycoplasma iowae*^{VP} Jordan et al. 1982. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33552. High-quality 16S rRNA sequence S000436115 (RDP), M24293 (Genbank). N4Lid DOI: 10.1601/nm.4687
- Mycoplasma lagogenitalium*^{VP} Kobayashi et al. 1997. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 700289. High-quality 16S rRNA sequence S000393509 (RDP), AF412983 (Genbank). N4Lid DOI: 10.1601/nm.4689
- Mycoplasma leonicaptivi*^{VP} corrig. Hill 1992. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49890. High-quality 16S rRNA sequence S000437222 (RDP), U16759 (Genbank). N4Lid DOI: 10.1601/nm.4690
- Mycoplasma leopharyngis*^{VP} Hill 1992. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49889. High-quality 16S rRNA sequence S000437223 (RDP), U16760 (Genbank). N4Lid DOI: 10.1601/nm.4691
- Mycoplasma lipofaciens*^{VP} Bradbury et al. 1983. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 35015. High-quality 16S rRNA sequence S000389403 (RDP), AF221115 (Genbank). N4Lid DOI: 10.1601/nm.4692
- Mycoplasma lipophilum*^{AL} Del Giudice et al. 1974. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 27104. High-quality 16S rRNA sequence S000436129 (RDP), M24581 (Genbank). N4Lid DOI: 10.1601/nm.4693
- Mycoplasma maculosum*^{AL} Edward 1955. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 19327. High-quality 16S rRNA sequence S000389404 (RDP), AF221116 (Genbank). N4Lid DOI: 10.1601/nm.4696
- Mycoplasma meleagridis*^{AL} Yamamoto et al. 1965. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 25294. High-quality 16S rRNA sequence S000414533 (RDP), L24106 (Genbank). N4Lid DOI: 10.1601/nm.4698
- Mycoplasma microti*^{VP} Brown et al. 2001. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 700935. High-quality 16S rRNA sequence S000389223 (RDP), AF212859 (Genbank). N4Lid DOI: 10.1601/nm.4699
- Mycoplasma moatsii*^{AL} Madden et al. 1974. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 27625. High-quality 16S rRNA sequence S000393510 (RDP), AF412984 (Genbank). N4Lid DOI: 10.1601/nm.4700
- Mycoplasma mobile*^{VP} Kirchhoff et al. 1987. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43663. High-quality 16S rRNA sequence S000436123 (RDP), M24480 (Genbank). GOLD ID: Gc00188. GCAT ID: 000422_GCAT. Entrez genome id: 10697. Sequenced strain: ATCC 43663 is type material. Genome sequencing is completed. Number of genomes of this species sequenced 1 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4701
- Mycoplasma molare*^{AL} Rosendal 1974. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 27746. N4Lid DOI: 10.1601/nm.4702
- Mycoplasma muris*^{VP} McGarrity et al. 1983. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33757. High-quality 16S rRNA sequence S000436105 (RDP), M23939 (Genbank). N4Lid DOI: 10.1601/nm.4703
- Mycoplasma mustelae*^{VP} Salih et al. 1983. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 35214. High-quality 16S rRNA sequence S000393512 (RDP), AF412986 (Genbank). N4Lid DOI: 10.1601/nm.4704

Mycoplasma neurolyticum^{AL} (Sabin 1941) Freundt 1955. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 19988. High-quality 16S rRNA sequence S000436110 (RDP), M23944 (Genbank). N4Lid DOI: 10.1601/nm.4705

Mycoplasma opalescens^{AL} Rosendal 1975. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 27921. High-quality 16S rRNA sequence S000389405 (RDP), AF221117 (Genbank). N4Lid DOI: 10.1601/nm.4706

Mycoplasma orale^{AL} Taylor-Robinson et al. 1964. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 23714. High-quality 16S rRNA sequence S000436132 (RDP), M24659 (Genbank). GOLD ID: Gi00578. GCAT ID: 001252_GCAT. Entrez genome id: 13417. Genome sequence is from a non-type strain. Genome sequencing is incomplete. Number of genomes of this species sequenced 1 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4707

Mycoplasma ovipneumoniae^{AL} Carmichael et al. 1972. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29419. High-quality 16S rRNA sequence S000437643 (RDP), U44771 (Genbank). N4Lid DOI: 10.1601/nm.4708

Mycoplasma ovis^{VP} (Neitz et al. 1934) Neimark et al. 2004. <== *Eperythrozoon ovis* (basonym). Synonym links through N4Lid: 10.1601/ex.4737. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000391945 (RDP), AF338268 (Genbank). N4Lid DOI: 10.1601/nm.4709

† *Eperythrozoon ovis*^{AL} Neitz et al. 1934. ==> *Mycoplasma ovis* (new combination). Synonym links through N4Lid: 10.1601/ex.4737. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. N4Lid DOI: 10.1601/nm.4737

Mycoplasma oxoniensis^{VP} Hill 1991. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49694. High-quality 16S rRNA sequence S000393513 (RDP), AF412987 (Genbank). N4Lid DOI: 10.1601/nm.4710

Mycoplasma penetrans^{VP} Lo et al. 1992. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 55252. High-quality 16S rRNA sequence S000010625 (RDP), L10839 (Genbank). GOLD ID: Gc00110. GCAT ID: 000500_GCAT. Entrez genome id: 176. Sequenced strain: HF-2 is from a non-type strain. Genome sequencing is completed. Number of genomes of this species sequenced 1 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4711

Mycoplasma phocae^{VP} corrig. Ruhnke and Madoff 1992. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33657. High-quality 16S rRNA sequence S000391001 (RDP), AF304325 (Genbank). N4Lid DOI: 10.1601/nm.9170

Mycoplasma phocicerebrale^{VP} corrig. Giebel et al. 1991. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49640. High-quality 16S rRNA sequence S000390999 (RDP), AF304323 (Genbank). N4Lid DOI: 10.1601/nm.4712

Mycoplasma phocidae^{VP} Ruhnke and Madoff 1992. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33657. High-quality 16S rRNA sequence S000391001 (RDP), AF304325 (Genbank). N4Lid DOI: 10.1601/nm.4714

Mycoplasma phocirhinis^{VP} corrig. Giebel et al. 1991. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49639. High-quality 16S rRNA sequence S000391000 (RDP), AF304324 (Genbank). N4Lid DOI: 10.1601/nm.4713

Mycoplasma pirum^{VP} Del Giudice et al. 1985. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 25960. High-quality 16S rRNA sequence S000436106 (RDP), M23940 (Genbank). N4Lid DOI: 10.1601/nm.4715

Mycoplasma pneumoniae^{AL} Somerson et al. 1963. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 15531. High-quality 16S rRNA sequence S000436172 (RDP), M29061 (Genbank). GOLD ID: Gc00005. GCAT ID: 000605_GCAT. Entrez genome id: 99. Sequenced strain: ATCC 29342 is from a non-type strain. Genome sequencing is completed. Number of genomes of this species sequenced 1 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4716

Mycoplasma primum^{AL} Del Giudice et al. 1971. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 25948. High-quality 16S rRNA sequence S000389406 (RDP), AF221118 (Genbank). N4Lid DOI: 10.1601/nm.4717

- Mycoplasma pullorum*^{VP} Jordan et al. 1982. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33553. High-quality 16S rRNA sequence S000437933 (RDP), U58504 (Genbank). N4Lid DOI: 10.1601/nm.4718
- Mycoplasma pulmonis*^{AL} (Sabin 1941) Freundt 1955. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 19612. High-quality 16S rRNA sequence S000436107 (RDP), M23941 (Genbank). GOLD ID: Gc00055. GCAT ID: 000555_GCAT. Entrez genome id: 100. Sequenced strain: UAB CTIP is from a non-type strain. Genome sequencing is completed. Number of genomes of this species sequenced 1 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4719
- Mycoplasma putrefaciens*^{AL} Tully et al. 1974. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 15718. High-quality 16S rRNA sequence S000437388 (RDP), U26055 (Genbank). N4Lid DOI: 10.1601/nm.4720
- Mycoplasma salivarium*^{AL} Edward 1955. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 23064. High-quality 16S rRNA sequence S000436133 (RDP), M24661 (Genbank). N4Lid DOI: 10.1601/nm.4721
- Mycoplasma simbae*^{VP} Hill 1992. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49888. High-quality 16S rRNA sequence S000437220 (RDP), U16323 (Genbank). N4Lid DOI: 10.1601/nm.4722
- Mycoplasma spermatophilum*^{VP} Hill 1991. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49695. High-quality 16S rRNA sequence S000389407 (RDP), AF221119 (Genbank). N4Lid DOI: 10.1601/nm.4724
- Mycoplasma spumans*^{AL} Edward 1955. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 19526. High-quality 16S rRNA sequence S000387271 (RDP), AF125587 (Genbank). N4Lid DOI: 10.1601/nm.4725
- Mycoplasma sturni*^{VP} Forsyth et al. 1996. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51945. High-quality 16S rRNA sequence S000437270 (RDP), U22013 (Genbank). N4Lid DOI: 10.1601/nm.4726
- Mycoplasma sualvi*^{AL} Gourlay et al. 1983. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33004. High-quality 16S rRNA sequence S000436102 (RDP), M23936 (Genbank). N4Lid DOI: 10.1601/nm.4727
- Mycoplasma subdolum*^{AL} Lemcke and Kirchhoff 1979. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29870. High-quality 16S rRNA sequence S000387272 (RDP), AF125588 (Genbank). N4Lid DOI: 10.1601/nm.4728
- Mycoplasma suis*^{VP} corrig. (Splitter 1950) Neimark et al. 2002. <== *Eperythrozoon suis* (basonym). Synonym links through N4Lid: 10.1601/ex.4739. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000438721 (RDP), U88565 (Genbank). N4Lid DOI: 10.1601/nm.4729
- † *Eperythrozoon suis*^{AL} Splitter 1950. ==> *Mycoplasma suis* (new combination). Synonym links through N4Lid: 10.1601/ex.4739. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000438721 (RDP), U88565 (Genbank). N4Lid DOI: 10.1601/nm.4739
- Mycoplasma synoviae*^{AL} Olson et al. 1964. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 25204. High-quality 16S rRNA sequence U000286978 (RDP). GOLD ID: Gc00282. GCAT ID: 000327_GCAT. Entrez genome id: 10676. Sequenced strain: 53 is from a non-type strain. Genome sequencing is completed. Number of genomes of this species sequenced 1 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4730
- Mycoplasma testudineum*^{VP} Brown et al. 2004. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 700618. High-quality 16S rRNA sequence S000418917 (RDP), AY366210 (Genbank). N4Lid 10.1601/nm.8725
- Mycoplasma testudinis*^{VP} Hill 1985. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43263. High-quality 16S rRNA sequence S000437083 (RDP), U09788 (Genbank). N4Lid DOI: 10.1601/nm.4731
- Mycoplasma verecundum*^{AL} Gourlay et al. 1974. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 27862. N4Lid DOI: 10.1601/nm.4732

Mycoplasma wenyonii^{VP} Neimark et al. 2001. <== *Eperythrozoon wenyonii* (basonym).
Synonym links through N4Lid: 10.1601/ex.4740. Source of type material recommended for DOE
sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA
sequence S000387149 (RDP), AF016546 (Genbank). N4Lid DOI: 10.1601/nm.4733

† *Eperythrozoon wenyonii*^{AL} Adler and Ellenbogen 1934. ==> *Mycoplasma wenyonii* (new
combination). Synonym links through N4Lid: 10.1601/ex.4740. Source of type material
recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available.
High-quality 16S rRNA sequence S000387149 (RDP), AF016546 (Genbank). N4Lid DOI:
10.1601/nm.4740

Mycoplasma yeatsii^{VP} DaMassa et al. 1994. Source of type material recommended for DOE
sponsored genome sequencing by the JGI: ATCC 51346. High-quality 16S rRNA sequence
S000438230 (RDP), U67946 (Genbank). N4Lid DOI: 10.1601/nm.4734

Genus † *Eperythrozoon*^{AL} Schilling 1928. Unified with *Mycoplasma*. Synonym links through
N4Lid: 10.1601/nm.4735. N4Lid DOI: 10.1601/nm.4735

Eperythrozoon parvum^{AL} Splitter 1950. Source of type material recommended for DOE
sponsored genome sequencing by the JGI: No viable deposit available. N4Lid DOI:
10.1601/nm.4738

Genus † *Haemobartonella*^{AL} Tyzzer and Weinman 1939. Unified with *Mycoplasma*, links through
10.1601/nm.1391. N4Lid DOI: 10.1601/nm.4741

Genus *Allobaculum*^{VP} Greetham et al. 2006. N4Lid DOI: 10.1601/nm.10188

Allobaculum stercoricanis^{VP} Greetham et al. 2006. Source of type material recommended for
DOE sponsored genome sequencing by the JGI: DSM 13633. High-quality 16S rRNA sequence
S000247984 (RDP), AJ417075 (Genbank). N4Lid DOI: 10.1601/nm.10187

Genus *Ureaplasma*^{AL} Shepard et al. 1974. N4Lid DOI: 10.1601/nm.4745

Ureaplasma urealyticum^{AL} Shepard et al. 1974. Source of type material recommended for DOE
sponsored genome sequencing by the JGI: ATCC 27618. High-quality 16S rRNA sequence
S000436101 (RDP), M23935 (Genbank). GOLD ID: Gc00038. GCAT ID: 000572_GCAT. Entrez
genome id: 101. Sequenced strain: ATCC 700970 is from a non-type strain. Genome sequencing is
completed. Number of genomes of this species sequenced 11 (GOLD). N4Lid DOI:
10.1601/nm.4746

Ureaplasma canigenitalium^{VP} Harasawa et al. 1993. Source of type material recommended for
DOE sponsored genome sequencing by the JGI: ATCC 51252. High-quality 16S rRNA sequence
S000413942 (RDP), D78648 (Genbank). N4Lid DOI: 10.1601/nm.4747

Ureaplasma cati^{VP} Harasawa et al. 1990. Source of type material recommended for DOE
sponsored genome sequencing by the JGI: ATCC 49228. High-quality 16S rRNA sequence
S000413943 (RDP), D78649 (Genbank). N4Lid DOI: 10.1601/nm.4748

Ureaplasma diversum^{VP} Howard and Gourlay 1982. Source of type material recommended for
DOE sponsored genome sequencing by the JGI: ATCC 43321. High-quality 16S rRNA sequence
S000413944 (RDP), D78650 (Genbank). N4Lid DOI: 10.1601/nm.4749

Ureaplasma felinum^{VP} Harasawa et al. 1990. Source of type material recommended for DOE
sponsored genome sequencing by the JGI: ATCC 49229. High-quality 16S rRNA sequence
S000413945 (RDP), D78651 (Genbank). N4Lid DOI: 10.1601/nm.4750

Ureaplasma gallorale^{VP} Koshimizu et al. 1987. Source of type material recommended for DOE
sponsored genome sequencing by the JGI: ATCC 43346. High-quality 16S rRNA sequence
S000438034 (RDP), U62937 (Genbank). N4Lid DOI: 10.1601/nm.4751

Ureaplasma parvum^{VP} Robertson et al. 2002. Source of type material recommended for DOE
sponsored genome sequencing by the JGI: ATCC 27815. High-quality 16S rRNA sequence
S000439927 (RDP), AF073456 (Genbank). GOLD ID: Gi01764. GCAT ID: 001650_GCAT.
Genome sequence is from a non-type strain. Genome sequencing is incomplete. Number of
genomes of this species sequenced 3 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4752

Order *Entomoplasmatales*^{VP} Tully et al 1993. N4Lid DOI: 10.1601/nm.4753

Family *Entomoplasmataceae*^{VP} Tully et al 1993. N4Lid DOI: 10.1601/nm.4754

Genus *Entomoplasma*^{VP} Tully et al. 1993. N4Lid DOI: 10.1601/nm.4755

Entomoplasma ellychniae^{VP} (Tully et al. 1989) Tully et al. 1993. <== *Mycoplasma ellychniae* (basonym). Synonym links through N4Lid: 10.1601/ex.4657. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43707. High-quality 16S rRNA sequence S000436114 (RDP), M24292 (Genbank). N4Lid DOI: 10.1601/nm.4756

† *Mycoplasma ellychniae*^{VP} Tully et al. 1989. ==> *Entomoplasma ellychniae* (new combination). Synonym links through N4Lid: 10.1601/ex.4657. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43707. High-quality 16S rRNA sequence S000436114 (RDP), M24292 (Genbank). N4Lid DOI: 10.1601/nm.4657

Entomoplasma freundtii^{VP} Tully et al. 1998. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51999. High-quality 16S rRNA sequence S000427947 (RDP), AF036954 (Genbank). N4Lid DOI: 10.1601/nm.4757

Entomoplasma lucivorax^{VP} (Williamson et al. 1990) Tully et al. 1993. <== *Mycoplasma lucivorax* (basonym). Synonym links through N4Lid: 10.1601/ex.4694. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49196. High-quality 16S rRNA sequence S000093579 (RDP), AF547212 (Genbank). N4Lid DOI: 10.1601/nm.4758

† *Mycoplasma lucivorax*^{VP} Williamson et al. 1990. ==> *Entomoplasma lucivorax* (new combination). Synonym links through N4Lid: 10.1601/ex.4694. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49196. High-quality 16S rRNA sequence S000093579 (RDP), AF547212 (Genbank). N4Lid DOI: 10.1601/nm.4694

Entomoplasma luminum^{VP} (Williamson et al. 1990) Tully et al. 1993. <== *Mycoplasma luminum* (basonym). Synonym links through N4Lid: 10.1601/ex.4695. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49195. High-quality 16S rRNA sequence S000398535 (RDP), AY155670 (Genbank). N4Lid DOI: 10.1601/nm.4759

† *Mycoplasma luminum*^{VP} Williamson et al. 1990. ==> *Entomoplasma luminum* (new combination). Synonym links through N4Lid: 10.1601/ex.4695. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49195. High-quality 16S rRNA sequence S000398535 (RDP), AY155670 (Genbank). N4Lid DOI: 10.1601/nm.4695

Entomoplasma melaleucae^{VP} (Tully et al. 1990) Tully et al. 1993. <== *Mycoplasma melaleucae* (basonym). Synonym links through N4Lid: 10.1601/ex.4697. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49191. High-quality 16S rRNA sequence S000436121 (RDP), M24478 (Genbank). N4Lid DOI: 10.1601/nm.4760

† *Mycoplasma melaleucae*^{VP} Tully et al. 1990. ==> *Entomoplasma melaleucae* (new combination). Synonym links through N4Lid: 10.1601/ex.4697. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49191. High-quality 16S rRNA sequence S000436121 (RDP), M24478 (Genbank). N4Lid DOI: 10.1601/nm.4697

Entomoplasma somnilux^{VP} (Williamson et al. 1990) Tully et al. 1993. <== *Mycoplasma somnilux* (basonym). Synonym links through N4Lid: 10.1601/ex.4723. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49194. High-quality 16S rRNA sequence S000398577 (RDP), AY157871 (Genbank). N4Lid DOI: 10.1601/nm.4761

† *Mycoplasma somnilux*^{VP} Williamson et al. 1990. ==> *Entomoplasma somnilux* (new combination). Synonym links through N4Lid: 10.1601/ex.4723. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49194. High-quality 16S rRNA sequence S000398577 (RDP), AY157871 (Genbank). N4Lid DOI: 10.1601/nm.4723

Genus *Mesoplasma*^{VP} Tully et al. 1993. N4Lid DOI: 10.1601/nm.4762

Mesoplasma florum^{VP} (McCoy et al. 1984) Tully et al. 1993. <== *Acholeplasma florum* (basonym). Synonym links through N4Lid: 10.1601/ex.4820. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33453. High-quality 16S rRNA sequence S000390947 (RDP), AF300327 (Genbank). GOLD ID: Gc00203. GCAT ID: 000407_GCAT. Entrez genome id: 10650. Sequenced strain: ATCC 33453 is type material. Genome sequencing is completed. Number of genomes of this species sequenced 1 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4763

† *Acholeplasma florum*^{VP} McCoy et al. 1984. ==> *Mesoplasma florum* (new combination). Synonym links through N4Lid: 10.1601/ex.4820. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33453. High-quality 16S rRNA sequence S000390947 (RDP), AF300327 (Genbank). GOLD ID: Gc00203. GCAT ID: 000407_GCAT. Entrez genome id: 10650. Sequenced strain: ATCC 33453 is type material. Genome sequencing is

completed. Number of genomes of this species sequenced 1 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4820

Mesoplasma chauliocola^{VP} Tully et al. 1994. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49578. High-quality 16S rRNA sequence S000399366 (RDP), AY166704 (Genbank). N4Lid DOI: 10.1601/nm.4764

Mesoplasma coleopterae^{VP} Tully et al. 1994. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49583. N4Lid DOI: 10.1601/nm.4765

Mesoplasma corruscae^{VP} Tully et al. 1994. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49579. High-quality 16S rRNA sequence S000399510 (RDP), AY168929 (Genbank). N4Lid DOI: 10.1601/nm.4766

Mesoplasma entomophilum^{VP} (Tully et al. 1988) Tully et al. 1993. <== *Acholeplasma entomophilum* (basonym). Synonym links through N4Lid: 10.1601/ex.4818. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43706. High-quality 16S rRNA sequence S000436097 (RDP), M23931 (Genbank). N4Lid DOI: 10.1601/nm.4767

† *Acholeplasma entomophilum*^{VP} Tully et al. 1988. ==> *Mesoplasma entomophilum* (new combination). Synonym links through N4Lid: 10.1601/ex.4818. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43706. High-quality 16S rRNA sequence S000436097 (RDP), M23931 (Genbank). N4Lid DOI: 10.1601/nm.4818

Mesoplasma grammopterae^{VP} Tully et al. 1994. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49580. High-quality 16S rRNA sequence S000399887 (RDP), AY174170 (Genbank). N4Lid DOI: 10.1601/nm.4768

Mesoplasma lactucae^{VP} (Rose et al. 1990) Tully et al. 1993. <== *Mycoplasma lactucae* (basonym). Synonym links through N4Lid: 10.1601/ex.4688. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49193. High-quality 16S rRNA sequence S000436122 (RDP), M24479 (Genbank). N4Lid DOI: 10.1601/nm.4769

† *Mycoplasma lactucae*^{VP} Rose et al. 1990. ==> *Mesoplasma lactucae* (new combination). Synonym links through N4Lid: 10.1601/ex.4688. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49193. High-quality 16S rRNA sequence S000436122 (RDP), M24479 (Genbank). N4Lid DOI: 10.1601/nm.4688

Mesoplasma photuris^{VP} Tully et al. 1994. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49581. High-quality 16S rRNA sequence S000399986 (RDP), AY177627 (Genbank). N4Lid DOI: 10.1601/nm.4770

Mesoplasma seiffertii^{VP} (Bonnet et al. 1991) Tully et al. 1993. <== *Acholeplasma seiffertii* (basonym). Synonym links through N4Lid: 10.1601/ex.4829. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49495. N4Lid DOI: 10.1601/nm.4772

† *Acholeplasma seiffertii*^{VP} Bonnet et al. 1991. ==> *Mesoplasma seiffertii* (new combination). Synonym links through N4Lid: 10.1601/ex.4829. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49495. N4Lid DOI: 10.1601/nm.4829

Mesoplasma syrphidae^{VP} Tully et al. 1994. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51578. High-quality 16S rRNA sequence S000403323 (RDP), AY231458 (Genbank). N4Lid DOI: 10.1601/nm.4773

Mesoplasma tabanidae^{VP} Tully et al. 1994. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49584. High-quality 16S rRNA sequence S000400518 (RDP), AY187288 (Genbank). N4Lid DOI: 10.1601/nm.4774

Family Spiroplasmataceae^{VP} (ex Skripal' 1974 Skripal' 1983. N4Lid DOI: 10.1601/nm.4775

Genus Spiroplasma^{AL} Saglio et al. 1973. N4Lid DOI: 10.1601/nm.4776

Spiroplasma citri^{AL} Saglio et al. 1973. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 27556. High-quality 16S rRNA sequence S000436108 (RDP), M23942 (Genbank). GOLD ID: Gi00565. GCAT ID: 001508_GCAT. Entrez genome id: 13401. Genome sequence is from a non-type strain. Genome sequencing is incomplete. Number of genomes of this species sequenced 1 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4777

- Spiroplasma alleghenense*^{VP} Adams et al. 1997. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51752. High-quality 16S rRNA sequence S000356234 (RDP), AY189125 (Genbank). N4Lid DOI: 10.1601/nm.4778
- Spiroplasma apis*^{VP} Mouches et al. 1984. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33834. High-quality 16S rRNA sequence S000436103 (RDP), M23937 (Genbank). N4Lid DOI: 10.1601/nm.4779
- Spiroplasma atrichopogonis*^{VP} Koerber et al. 2005. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC BAA-520. N4Lid DOI: 10.1601/nm.8855
- Spiroplasma cantharicola*^{VP} Whitcomb et al. 1993. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43207. N4Lid DOI: 10.1601/nm.4780
- Spiroplasma chinense*^{VP} Guo et al. 1990. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43960. High-quality 16S rRNA sequence S000356235 (RDP), AY189126 (Genbank). N4Lid DOI: 10.1601/nm.4781
- Spiroplasma chrysopicola*^{VP} Whitcomb et al. 1997. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43209. High-quality 16S rRNA sequence S000356236 (RDP), AY189127 (Genbank). N4Lid DOI: 10.1601/nm.4782
- Spiroplasma clarkii*^{VP} Whitcomb et al. 1993. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33827. High-quality 16S rRNA sequence S000436117 (RDP), M24474 (Genbank). N4Lid DOI: 10.1601/nm.4783
- Spiroplasma corruscae*^{VP} Hackett et al. 1996. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43212. High-quality 16S rRNA sequence S000356237 (RDP), AY189128 (Genbank). N4Lid DOI: 10.1601/nm.4784
- Spiroplasma culicicola*^{VP} Hung et al. 1987. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 35112. High-quality 16S rRNA sequence S000356238 (RDP), AY189129 (Genbank). N4Lid DOI: 10.1601/nm.4785
- Spiroplasma diabroticae*^{VP} Carle et al. 1997. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43210. High-quality 16S rRNA sequence S000436125 (RDP), M24482 (Genbank). N4Lid DOI: 10.1601/nm.4786
- Spiroplasma diminutum*^{VP} Williamson et al. 1996. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49235. High-quality 16S rRNA sequence S000356239 (RDP), AY189130 (Genbank). N4Lid DOI: 10.1601/nm.4787
- Spiroplasma floricola*^{VP} Davis et al. 1981. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29989. High-quality 16S rRNA sequence S000356240 (RDP), AY189131 (Genbank). N4Lid DOI: 10.1601/nm.4788
- Spiroplasma gladiatoris*^{VP} Whitcomb et al. 1997. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43525. High-quality 16S rRNA sequence S000436118 (RDP), M24475 (Genbank). N4Lid DOI: 10.1601/nm.4789
- Spiroplasma helicoides*^{VP} Whitcomb et al. 1997. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51746. High-quality 16S rRNA sequence S000438992 (RDP), AY189132 (Genbank). N4Lid DOI: 10.1601/nm.4790
- Spiroplasma insolitum*^{VP} Hackett et al. 1993. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33502. High-quality 16S rRNA sequence S000356241 (RDP), AY189133 (Genbank). N4Lid DOI: 10.1601/nm.4791
- Spiroplasma ixodetis*^{VP} Tully et al. 1995. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33835. High-quality 16S rRNA sequence S000436120 (RDP), M24477 (Genbank). N4Lid DOI: 10.1601/nm.4792
- Spiroplasma kunkelii*^{VP} Whitcomb et al. 1986. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29320. GOLD ID: Gi00566. GCAT ID: 001509_GCAT. Entrez genome id: 203. Sequenced strain: CR2-3x is from a non-type strain. Genome sequencing is incomplete. Number of genomes of this species sequenced 2 (GOLD) 1 (NCBI). N4Lid DOI: 10.1601/nm.4793
- Spiroplasma lampyridicola*^{VP} Stevens et al. 1997. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43206. High-quality 16S rRNA sequence S000356242 (RDP), AY189134 (Genbank). N4Lid DOI: 10.1601/nm.4794

- Spiroplasma leptinotarsae*^{VP} Hackett et al. 1996. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43213. High-quality 16S rRNA sequence S000356243 (RDP), AY189305 (Genbank). N4Lid DOI: 10.1601/nm.4795
- Spiroplasma leucomae*^{VP} Oduori et al. 2005. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC BAA-521. High-quality 16S rRNA sequence S000619050 (RDP), DQ101278 (Genbank). N4Lid 10.1601/nm.9757
- Spiroplasma lineolae*^{VP} French et al. 1997. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51749. N4Lid DOI: 10.1601/nm.4796
- Spiroplasma litorale*^{VP} Konai et al. 1997. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43211. High-quality 16S rRNA sequence S000356244 (RDP), AY189306 (Genbank). N4Lid DOI: 10.1601/nm.4797
- Spiroplasma melliferum*^{VP} Clark et al. 1985. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33219. High-quality 16S rRNA sequence S000262262 (RDP), AY325304 (Genbank). N4Lid DOI: 10.1601/nm.4798
- Spiroplasma mirum*^{VP} Tully et al. 1982. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29335. High-quality 16S rRNA sequence S000436134 (RDP), M24662 (Genbank). N4Lid DOI: 10.1601/nm.4799
- Spiroplasma monobiae*^{VP} Whitcomb et al. 1993. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33825. High-quality 16S rRNA sequence S000436124 (RDP), M24481 (Genbank). N4Lid DOI: 10.1601/nm.4800
- Spiroplasma montanense*^{VP} Whitcomb et al. 1997. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51745. High-quality 16S rRNA sequence S000356245 (RDP), AY189307 (Genbank). N4Lid DOI: 10.1601/nm.4801
- Spiroplasma penaei*^{VP} Nunan et al. 2005. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC BAA-1082. High-quality 16S rRNA sequence S000505867 (RDP), AY771927 (Genbank). N4Lid 10.1601/nm.9752
- Spiroplasma phoeniceum*^{VP} Saillard et al. 1987. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43115. N4Lid DOI: 10.1601/nm.4802
- Spiroplasma platyhelix*^{VP} Williamson et al. 1997. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51748. N4Lid DOI: 10.1601/nm.4803
- Spiroplasma poulsonii*^{VP} Williamson et al. 1999. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43153. High-quality 16S rRNA sequence S000436126 (RDP), M24483 (Genbank). N4Lid DOI: 10.1601/nm.4804
- Spiroplasma sabaudiense*^{VP} Abalain-Colloc et al. 1987. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43303. High-quality 16S rRNA sequence S000356246 (RDP), AY189308 (Genbank). N4Lid DOI: 10.1601/nm.4805
- Spiroplasma syrphidicola*^{VP} Whitcomb et al. 1996. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33826. High-quality 16S rRNA sequence S000356247 (RDP), AY189309 (Genbank). N4Lid DOI: 10.1601/nm.4806
- Spiroplasma tabanidicola*^{VP} Whitcomb et al. 1997. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51747. N4Lid DOI: 10.1601/nm.4807
- Spiroplasma taiwanense*^{VP} Abalain-Colloc et al. 1988. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43302. High-quality 16S rRNA sequence S000436119 (RDP), M24476 (Genbank). N4Lid DOI: 10.1601/nm.4808
- Spiroplasma turonicum*^{VP} Hélias et al. 1998. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 700271. High-quality 16S rRNA sequence S000356248 (RDP), AY189310 (Genbank). N4Lid DOI: 10.1601/nm.4809
- Spiroplasma velocicrescens*^{VP} Konai et al. 1995. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 35262. High-quality 16S rRNA sequence S000356249 (RDP), AY189311 (Genbank). N4Lid DOI: 10.1601/nm.4810
- Order Acholeplasmatales**^{VP} Freundt et al 1984. N4Lid DOI: 10.1601/nm.4811
- Family Acholeplasmataceae**^{AL} Edward and Freundt 1970. N4Lid DOI: 10.1601/nm.4812
- Genus Acholeplasma**^{AL} Edward and Freundt 1970. N4Lid DOI: 10.1601/nm.4813

Acholeplasma laidlawii^{AL} (Sabin 1941) Edward and Freundt 1970. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 23206. High-quality 16S rRNA sequence S000437171 (RDP), U14905 (Genbank). N4Lid DOI: 10.1601/nm.4814

Acholeplasma axanthum^{AL} Tully and Razin 1970. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 25176. High-quality 16S rRNA sequence S000393494 (RDP), AF412968 (Genbank). N4Lid DOI: 10.1601/nm.4815

Acholeplasma brassicae^{VP} Tully et al. 1994. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49388. N4Lid DOI: 10.1601/nm.4816

Acholeplasma cavigenitalium^{VP} Hill 1992. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49901. N4Lid DOI: 10.1601/nm.4817

Acholeplasma equifetale^{AL} Kirchoff 1974. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29724. N4Lid DOI: 10.1601/nm.4819

Acholeplasma granularum^{AL} (Switzer 1964) Edward and Freundt 1970. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 19168. N4Lid DOI: 10.1601/nm.4821

Acholeplasma hippikon^{AL} Kirchoff 1974. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29725. N4Lid DOI: 10.1601/nm.4822

Acholeplasma modicum^{AL} Leach 1973. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29102. High-quality 16S rRNA sequence S000436099 (RDP), M23933 (Genbank). N4Lid DOI: 10.1601/nm.4823

Acholeplasma morum^{VP} Rose et al. 1980. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 33211. N4Lid DOI: 10.1601/nm.4824

Acholeplasma multilocale^{VP} Hill et al. 1992. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49900. N4Lid DOI: 10.1601/nm.4825

Acholeplasma oculi^{AL} Al-Aubaidi et al. 1973. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 27350. High-quality 16S rRNA sequence S000437170 (RDP), U14904 (Genbank). N4Lid DOI: 10.1601/nm.4826

Acholeplasma palmae^{VP} Tully et al. 1994. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49389. High-quality 16S rRNA sequence S000414577 (RDP), L33734 (Genbank). N4Lid DOI: 10.1601/nm.4827

Acholeplasma parvum^{VP} Atobe et al. 1983. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 29892. N4Lid DOI: 10.1601/nm.4828

Acholeplasma pleciae^{VP} (Tully et al. 1994) Knight Jr. 2004. <== *Mesoplasma pleciae* (basonym). Synonym links through N4Lid: 10.1601/ex.4771. Source of type material recommended for DOE sponsored genome sequencing by the JGI: NBRC 100476. High-quality 16S rRNA sequence S000484607 (RDP), AY257485 (Genbank). N4Lid DOI: 10.1601/nm.8434

† *Mesoplasma pleciae*^{VP} Tully et al. 1994. ==> *Acholeplasma pleciae* (new combination). Synonym links through N4Lid: 10.1601/ex.4771. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 49582. High-quality 16S rRNA sequence S000484607 (RDP), AY257485 (Genbank). N4Lid DOI: 10.1601/nm.4771

Acholeplasma vituli^{VP} Angulo et al. 2000. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 700667. High-quality 16S rRNA sequence S000427876 (RDP), AF031479 (Genbank). N4Lid DOI: 10.1601/nm.4830

Genus *Phytoplasma*^C Firrao et al. 2004. N4Lid DOI: 10.1601/nm.4831

Phytoplasma allocasuarinae^C Marcone et al. 2004. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. N4Lid 10.1601/nm.8960

Phytoplasma asteris^C Lee et al. 2004. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. GOLD ID: Gc00167. GCAT ID: 000443_GCAT. Entrez genome id: 9615. Sequenced strain: OY-M is from a non-type strain. Genome sequencing is completed. Number of genomes of this species sequenced 1 (GOLD). N4Lid 10.1601/nm.8961

Phytoplasma aurantifolia^C Zreik et al. 1995. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000437198 (RDP), U15442 (Genbank). N4Lid 10.1601/nm.8977

- Phytoplasma australasia*^C White et al. 1998. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. N4Lid 10.1601/nm.8978
- Phytoplasma brasiliense*^C Montano et al. 2001. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000388154 (RDP), AF147708 (Genbank). N4Lid 10.1601/nm.8979
- Phytoplasma castaneae*^C Jung et al. 2002. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000383720 (RDP), AB054986 (Genbank). N4Lid 10.1601/nm.8980
- Phytoplasma cynodontis*^C Marcone et al. 2004. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000366465 (RDP), AJ550984 (Genbank). N4Lid 10.1601/nm.8962
- Phytoplasma fraxini*^C Griffiths et al. 1999. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000428720 (RDP), AF092209 (Genbank). N4Lid 10.1601/nm.8981
- Phytoplasma japonicum*^C Sawayanagi et al. 1999. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000381995 (RDP), AB010425 (Genbank). N4Lid 10.1601/nm.8982
- Phytoplasma mali*^C Seemüller and Schneider 2004. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000366449 (RDP), AJ542541 (Genbank). N4Lid 10.1601/nm.8963
- Phytoplasma oryzae*^C Jung et al. 2003. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. N4Lid 10.1601/nm.8983
- Phytoplasma phoenicium*^C Verdin et al. 2003. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000430990 (RDP), AF515636 (Genbank). N4Lid 10.1601/nm.8986
- Phytoplasma pini*^C Schneider et al. 2005. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. N4Lid 10.1601/nm.8964
- Phytoplasma prunorum*^C Seemüller and Schneider 2004. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000366452 (RDP), AJ542544 (Genbank). N4Lid 10.1601/nm.8965
- Phytoplasma pyri*^C Seemüller and Schneider 2004. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000366451 (RDP), AJ542543 (Genbank). N4Lid 10.1601/nm.8966
- Phytoplasma rhamni*^C Marcone et al. 2004. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. N4Lid 10.1601/nm.8967
- Phytoplasma trifolii*^C Hiruki and Wang 2004. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000368724 (RDP), AY390261 (Genbank). N4Lid 10.1601/nm.8969
- Phytoplasma spartii*^C Marcone et al. 2004. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. N4Lid 10.1601/nm.8968
- Phytoplasma ulmi*^C Lee et al. 2004. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. High-quality 16S rRNA sequence S000356576 (RDP), AY197655 (Genbank). N4Lid DOI: 10.1601/nm.4832
- Phytoplasma ziziphi*^C Jung et al. 2003. Source of type material recommended for DOE sponsored genome sequencing by the JGI: No viable deposit available. N4Lid 10.1601/nm.8984

Order Anaeroplasmatales^{VP} Robinson and Freundt 1987. N4Lid DOI: 10.1601/nm.4833

Family Anaeroplasmataceae^{VP} Robinson and Freundt 1987. N4Lid DOI: 10.1601/nm.4834

Genus Anaeroplasma^{AL} Robinson et al. 1975. N4Lid DOI: 10.1601/nm.4835

Anaeroplasma abactoclasticum^{AL} Robinson et al. 1975. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 27879. High-quality 16S rRNA sequence S000436137 (RDP), M25050 (Genbank). N4Lid DOI: 10.1601/nm.4836

Anaeroplasma bactoclasticum^{AL} (Robinson and Hungate 1973) Robinson and Allison 1975. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC

27112. High-quality 16S rRNA sequence S000436136 (RDP), M25049 (Genbank). N4Lid DOI: 10.1601/nm.4837

Anaeroplasma intermedium^{VP} Robinson and Freundt 1987. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43166. N4Lid DOI: 10.1601/nm.4838

Anaeroplasma varium^{VP} Robinson and Freundt 1987. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43167. High-quality 16S rRNA sequence S000436100 (RDP), M23934 (Genbank). N4Lid DOI: 10.1601/nm.4839

Genus *Asteroleplasma*^{VP} Robinson and Freundt 1987. N4Lid DOI: 10.1601/nm.4840

Asteroleplasma anaerobium^{VP} Robinson and Freundt 1987. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 27880. High-quality 16S rRNA sequence S000436059 (RDP), M22351 (Genbank). N4Lid DOI: 10.1601/nm.4841

Order *Incertae sedis* 8^{NVP} N4Lid DOI: 10.1601/nm.4842

Family *Erysipelotrichaceae*^{VP} Verburg et al 2004. N4Lid DOI: 10.1601/nm.4843

Genus *Erysipelothrix*^{AL} Rosenbach 1909. N4Lid DOI: 10.1601/nm.4844

Erysipelothrix rhusiopathiae^{AL} (Migula 1900) Buchanan 1918. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 19414. High-quality 16S rRNA sequence S000436092 (RDP), M23728 (Genbank). N4Lid DOI: 10.1601/nm.4845

Erysipelothrix inopinata^{VP} Verburg et al. 2004. Source of type material recommended for DOE sponsored genome sequencing by the JGI: DSM 15511. High-quality 16S rRNA sequence S000263801 (RDP), AJ550617 (Genbank). N4Lid DOI: 10.1601/nm.4846

Erysipelothrix tonsillarum^{VP} Takahashi et al. 1987. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 43339. N4Lid DOI: 10.1601/nm.4847

Genus *Bulleidia*^{VP} Downes et al. 2000. N4Lid DOI: 10.1601/nm.4848

Bulleidia extracta^{VP} Downes et al. 2000. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC BAA-170. High-quality 16S rRNA sequence S000389354 (RDP), AF220064 (Genbank). N4Lid DOI: 10.1601/nm.4849

Genus *Holdemania*^{VP} Willems et al. 1997. N4Lid DOI: 10.1601/nm.4850

Holdemania filiformis^{VP} Willems et al. 1997. Source of type material recommended for DOE sponsored genome sequencing by the JGI: ATCC 51649. High-quality 16S rRNA sequence S000006979 (RDP), Y11466 (Genbank). N4Lid DOI: 10.1601/nm.4851

Genus *Solobacterium*^{VP} Kageyama and Benno 2000. N4Lid DOI: 10.1601/nm.4852

Solobacterium moorei^{VP} Kageyama and Benno 2000. Source of type material recommended for DOE sponsored genome sequencing by the JGI: CIP 106864. N4Lid DOI: 10.1601/nm.4853