

Species *Candidatus Rickettsia xinyangensis*

Etymology

xinyangensis

Nomenclatural type

Unknown

Description

A phylogenetic tree that we constructed using the 2,546-bp nucleotide sequence of these 5 genes concatenated showed that *Rickettsia* sp. XY118, *R. fournieri*, and *R. vini* comprise a separate cluster that appears most closely related to *R. japonica* and *R. heilongjiangensis* (Figure). According to the gene sequence-based criteria for taxonomic classification of new *Rickettsia* isolates (6,7), a *Candidatus* status could be assigned to XY118, so we named this species *Candidatus Rickettsia xinyangensis*.

Classification

Bacteria » *Pseudomonadota* » *Alphaproteobacteria* » *Rickettsiales* » *Rickettsiaceae* » *Rickettsia* » *Candidatus Rickettsia xinyangensis*

References

Effective publication: Li et al., 2016 [1]

Registry URL

<https://seqco.de/i:495>

References

1. Li et al. (2016). Human Infection with Novel Spotted Fever Group *Rickettsia* Genotype, China, 2015. *Emerging Infectious Diseases*. DOI:10.3201/eid2212.160962