

Species *Candidatus Wukongarchaeum yapensis*

Etymology

[yap'ensis] N.L. masc. adj. *yapensis*, pertaining to Yap trench, which is the geographical position where the first type material of this species was obtained

Nomenclatural type

Unknown

Description

Liu, et al (2021): Type material is the genome designated as As_085 (Yap4.bin4.70) representing '*Candidatus Wukongarchaeum yapensis*'. The genome "As_085" represents a MAG consisting of 2.16 Mbps in 277 contigs with an estimated completeness of 92.52%, an estimated contamination of 4.05%, a 16S and 23S rRNA gene and 14 tRNAs. The MAG recovered from a marine water metagenome (Yap trench, Western Pacific), with an estimated depth of coverage of 31.4, has a GC content of 38%.

Classification

Candidatus Wukongarchaeota » *Candidatus Wukongarchaeia* » *Candidatus Wukongarchaeales* » *Candidatus Wukongarchaeaceae* » *Candidatus Wukongarchaeum* » *Candidatus Wukongarchaeum yapensis*

References

Proposed: Liu et al., 2021

Registry URL

<https://seqco.de/i:638>

References

1. Liu et al. (2021). Expanded diversity of Asgard archaea and their relationships with eukaryotes. *Nature*. [DOI:10.1038/s41586-021-03494-3](https://doi.org/10.1038/s41586-021-03494-3)