

Species *Vesicomysocius calyptogenae*^{Ts}

Etymology

[ca.lyp.to'ge.nae] **N.L. gen. n.** *calyptogenae*, of the clam genus *Calyptogena*

Nomenclatural type

[Genome sc|0001404](#) ^{Ts}

Reference Strain

[Strain sc|0038675](#): Monterey_2004

Description

An endosymbiont of the deep-sea clam *Calyptogena okutanii*. Is thioautotrophic and can synthesize almost all amino acids, various cofactors, and other nutrients for the host.

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » “*Gammaproteobacteria incertae sedis*”
» *Pseudothioglobaceae* » *Vesicomysocius* » *Vesicomysocius calyptogenae*^{Ts}

References

Effective publication: Kuwahara et al., 2007 [1]
Corrigendum: Oren, 2017 [2] (from “*Vesicomysocius okutanii*”)
Assigned taxonomically: Kuwahara et al., 2007 [1]

Registry URL

<https://seqco.de/i:33253>

References

1. Kuwahara et al. (2007). Reduced Genome of the Thioautotrophic Intracellular Symbiont in a Deep-Sea Clam, *Calyptogena okutanii*. *Current Biology*. DOI: [10.1016/j.cub.2007.04.039](https://doi.org/10.1016/j.cub.2007.04.039)
2. Oren (2017). A plea for linguistic accuracy – also for Candidatus taxa. *International Journal of Systematic and Evolutionary Microbiology*. DOI: [10.1099/ijsem.0.001715](https://doi.org/10.1099/ijsem.0.001715)