

Species *Pelearchaeum maunauluense*^{Ts}

Etymology

[ma.u.na.u.lu.en'se] N.L. neut. adj. *maunauluense*, of Mauna Ulu volcano in Hawaii

Nomenclatural type

[NCBI Assembly: GCA_030059675.1](#)^{Ts}

Description

This species is the type for the genus *Pelearchaeum*. The metagenome-assembled genome size of this species is 1.79 Mbp, contains 21 contigs, with GC% of 50.42. The size of the largest contig is 371 Kbp. The estimated genome size is 1.87 Mbp. The assembly originated from a sample collected from active fumaroles around Mauna Ulu volcano of Hawaii.

Classification

Incertae sedis (Archaea) » "Caldarchaeales" » *Calditenuaceae* » *Pelearchaeum* » *Pelearchaeum maunauluense*^{Ts}

References

Effective publication: Balbay et al., 2023 [1]

Registry URL

<https://seqco.de/i:31328>

References

1. Balbay et al. (2023). Metabolic versatility of Caldarchaeales from geothermal features of Hawai'i and Chile as revealed by five metagenome-assembled genomes. *Frontiers in Microbiology*. [DOI:10.3389/fmicb.2023.1216591](https://doi.org/10.3389/fmicb.2023.1216591)