

Genus *Kaelpia*

Etymology

[Ka.el'pi.a] N.L. fem. n. *Kaelpia*, after kaelpie or kelpie, mythical water creature of Celtic folklore.

Nomenclatural type

Species *Kaelpia aquatica*^T

Description

This genus belongs to the family *Kaelpiaceae*, in the order *Kaelpiales*, however, their exact placement at the class within the phylum *Omnitrophota* is uncertain. The genomes of both species belonging to this genus encode V-type ATPase and Rnf complex for ATP synthesis, and a Group A3 [FeFe] hydrogenase. The nomenclatural type for the genus is the species *Kaelpia aquatica*.

Classification

Incertae sedis (Bacteria) » “Kaelpiales” » “Kaelpiaceae” » *Kaelpia*

References

Effective publication: Williams et al., 2021 [1]

Registry URL

<https://seqco.de/i:33283>

References

1. Williams et al. (2021). Shedding Light on Microbial “Dark Matter”: Insights Into Novel Cloacimonadota and Omnitrophota From an Antarctic Lake. *Frontiers in Microbiology*. DOI:10.3389/fmicb.2021.741077