

Enterovibrio baiacu sp. nov. A520

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Abstract

Isolate A649(T) (=CBAS 716(T) = CBRVS P1061(T)) obtained from viscera of the healthy pufferfish *Sphoeroides spengleri* (Family Tetraodontidae, pufferfish). Their cells are Gram-negative, facultative aerobic, motile rods, and 0.5–1.0 µm in diameter. Colonies are circular with whole margin and papillary elevation on Marine Agar and TCBS (Green colony). A649(T) is positive for d-mannitol utilization and indole production based on an in silico phenotype.

Species *Enterovibrio baiacui*

Etymology

[ba.ia'cu.i] N.L. gen. n. *baiacui*, of a blowfish (from Tupi n. baiacu), porcupinefish (any species of fish of the order Tetraodontiformes)

Nomenclatural type

[NCBI Assembly: GCF_004120195.1](https://ncbi.nlm.nih.gov/assembly/GCF_004120195.1) ^{Ts}

Reference Strain

A649 = CBAS 716T = CBRVS P1061T

Description

Their cells are Gram-negative, facultative aerobic, motile rods, and 0.5–1.0 µm in diameter after incubation for 48 h at 28 °C. Growth occurs at 10 to 32 °C in the presence of 0.5 to 5% NaCl. Optimum growth occurs after 48 h at 22–28 °C in the presence of 3% NaCl on TSA. Colonies are circular with whole margin and papillary elevation on Marine Agar and TCBS (Green colony).

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Vibrionales* » *Vibrionaceae* » *Enterovibrio* » *Enterovibrio baiacui*

References

Effective publication: Azevedo et al., 2020 [1]

Registry URL

<https://seqco.de/i:32634>

References

1. Azevedo et al. (2020). *Enterovibrio baiacu* sp. nov. *Current Microbiology*. DOI:10.1007/s00284-019-01785-7

Register List Certificate of Validation

On behalf of the *Committee on the Systematics of Prokaryotes Described from Sequence Data* (SeqCode Committee), we hereby certify that the Register List seqco.de/r:f-kh4ko6 submitted by Kaufmann, Hannah and including 1 new name has been successfully validated.

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