Sodalis pierantonii sp. nov.

Submitted by Rasmussen, Ejnar

Species *Sodalis pierantonii*

Etymology
[pier.an.to'ni.i] **N.L. gen. n.** *pierantonii*, named after Umberto Pierantòni who first described the symbiosis in *Sitophilus* spp. weevils

Nomenclatural type
Genome sc|0006256 Ts

Reference Strain
Strain sc|0042117: SOPE

Description
Oakeson et al., 2014: The description of *Candidatus* Sodalis pierantonius str. SOPE is as follows: phylogenetic position, γ3-subclass of Proteobacteria; cultivation, not cultivated on cell-free media; Gram reaction, negative; morphology, pleiomorphic rods, from 3–4 to 100 µm in length, 1–2 µm in diameter, surrounded by a mucopolysaccharide-like substance; basis of assignment, 16S rDNA sequences and genome analysis; association and host, intracellular symbionts of the cereal weevils *Sitophilus* spp. (described in *S. oryzae*, *S. zeamais,* and *S. granarius*).
Oren 2017: Suggested correcting the species epithet to *Sodalis pierantonii* or *Sodalis pierantonianus*
Oren et al., 2020: Name corrected to *Sodalis pierantonii*

Classification
Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Enterobacterales* » *Pectobacteriaceae* » *Sodalis* » *Sodalis pierantonii*

References
Effective publication: Oakeson et al., 2014 [1]
Corrigendum: Oren, 2017 [2] (from “Sodalis pierantonius”)
Assigned taxonomically: Oakeson et al., 2014 [1]

Registry URL
https://seqco.de/i:56332

References

1. Oakeson et al. (2014). Genome Degeneration and Adaptation in a Nascent Stage of Symbiosis. *Genome Biology and Evolution*. DOI: 10.1093/gbe/evt210
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

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:cymnecaa** submitted by **Rasmussen, Ejnar** and including 1 new name has been successfully validated.

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