

# Saccharimonas gen. nov. and *Saccharimonas aalborgensis* sp. nov.

Submitted by Chuvochina, Maria

## Genus *Saccharimonas*

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### Etymology

[Sac.cha.ri.mo'nas] L. neut. n. *saccharum*, sugar; L. fem. n. *monas*, unit, monad; N.L. fem. n. *Saccharimonas*, a monad associated with sugar

### Nomenclatural type

Species *Saccharimonas aalborgensis*<sup>Ts</sup>

### Description

The description is the same as given for the type species by (Albertsen et al., 2013).

### Classification

*Bacteria* » *Candidatus* Patescibacteria » “*Saccharimonadia*” » “*Saccharimonadales*” » “*Saccharimonadaceae*” » *Saccharimonas*

### References

Proposed: Albertsen et al., 2013

### Registry URL

<https://seqco.de/i:561>

## Species *Saccharimonas aalborgensis*<sup>Ts</sup>

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### Etymology

[aal.borg.en'sis] N.L. fem. adj. *aalborgensis*, pertaining to the city of Aalborg, where the sample containing the organism was obtained

### Nomenclatural type

[NCBI Assembly: GCF\\_000392435.1](https://ncbi.nlm.nih.gov/assembly/GCF_000392435.1)<sup>Ts</sup>

### Description

The description is the same as given by Albertsen et al., 2013:

“*Candidatus Saccharimonas aalborgensis*” has a coccus morphology with a size of  $\approx 0.7$   $\mu\text{m}$  in diameter. It has obligate fermentative metabolism, fermenting glucose and other sugars, and produces lactate. It has a monoderm cell envelope and stains Gram-positive.

### Classification

*Bacteria* » *Candidatus* Patescibacteria » “*Saccharimonadia*” » “*Saccharimonadales*” » “*Saccharimonadaceae*” » *Saccharimonas* » *Saccharimonas aalborgensis*<sup>Ts</sup>

### References

Proposed: Albertsen et al., 2013

### Registry URL

<https://seqco.de/i:31965>

## References

1. Albertsen et al. (2013). Genome sequences of rare, uncultured bacteria obtained by differential coverage binning of multiple metagenomes. *Nature Biotechnology*. [DOI:10.1038/nbt.2579](https://doi.org/10.1038/nbt.2579)

### 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:2jgcok0b](https://seqco.de/r:2jgcok0b) submitted by **Chuvochina, Maria** and including 2 new names has been successfully validated.

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