Species *Arenidesulfomonas baltica*[Ts]

Etymology
[bal.ti'ca] **N.L. fem. adj.** *baltica*, pertaining to the Baltic Sea or Baltic region

Nomenclatural type
Genome sc|0006085 [Ts]

Description
The MAG of *Arenidesulfomonas baltica* was reconstructed from sediment metagenomes from the Odra Bank in the Baltic Sea (salinity 5-8 psu). Metatranscriptomic analyses showed that *Arenidesulfomonas baltica* plays a crucial role in sulfate reduction in the sandy sediments at this location.

Classification
Bacteria » *Nitrospirota* » *Thermodesulfovibrionia* » *Arenidesulfomonadales* » *Arenidesulfomonadaceae* » *Arenidesulfomonas* » *Arenidesulfomonas baltica*[Ts]

References
Effective publication: Piontek et al., 2026 [1]

Registry URL
https://seqco.de/i:56278

References

1. Piontek et al. (2026). A novel *Thermodesulfovibrionia* lineage largely supports sulfate reduction in sandy sediments of the southern Baltic Sea. *ISME Communications*. DOI: 10.1093/ismeco/ycag255