Genus *Arenidesulfomonas*

Etymology
[A.re.ni.de.sul.fo.mo'nas] **L. fem. n.** *arena*, sand; **N.L. pref.** *desulfo-*, desulfuricating, here referring to sulfate reduction; **L. fem. n.** *monas*, a single unit; **N.L. fem. n.** *Arenidesulfomonas*, sulfate reducer occurring in sands

Nomenclatural type
Species *Arenidesulfomonas baltica*^{Ts}

Description
The genus *Arenidesulfomonas* is defined based on its nomenclatural type *Arenidesulfomonas baltica* that is represented by a MAG from sandy sediments in the Baltic Sea involved in sulfate reduction.

Classification
Bacteria » *Nitrospirota* » *Thermodesulfovibrionia* » *Arenidesulfomonadales* » *Arenidesulfomonadaceae* » *Arenidesulfomonas*

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

Registry URL
https://seqco.de/i:56281

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