# Species *Methanoflorens crillii*

**Etymology**
[cril'li.i] **N.L. gen. n.** *crillii*, named after Patrick Crill, Stockholm University, Sweden, in recognition of his work on understanding of biogeochemical processes at the landscape scale (thawing permafrost) including greenhouse gases emission under the impact of climate change

**Nomenclatural type**
Genome sc|0003566 Ts

**Description**
**Woodcroft et al., 2018 (with modifications):** The description is as provided by Mondav et al. (2014) for the genus with the following additional properties. The species can be differentiated from the recognized *Methanoflorens stordalenmirensis* on the basis of phylogenetic analyses showing them to be monophyletic and sufficiently distinct average amino acid identity between encoded proteins.

**Classification**
*Archaea* » *Methanobacteriota* » “Methanomicrobia” » *Methanoflorentales* » *Methanoflorentaceae* » *Methanoflorens* » *Methanoflorens crillii*

**References**
Effective publication: Woodcroft et al., 2018 [1]
Assigned taxonomically: Woodcroft et al., 2018 [1]

**Registry URL**
https://seqco.de/i:32551

# References

1. Woodcroft et al. (2018). Genome-centric view of carbon processing in thawing permafrost. *Nature*. DOI: 10.1038/s41586-018-0338-1