

## Species *Elulimicrobium humile*<sup>TS</sup>

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### Etymology

[hu.mi'le] L. neut. adj. *humile*, humble, low

### Nomenclatural type

[INSDC Nucleotide: RGCK00000000](#)<sup>TS</sup>

### Description

This species displays a consistently low abundance when detected between the months of July and October, and a geographic range restricted to the tree northernmost lakes on the Chattahoochee River (USA): lakes Lanier, West Point, and Eufaula. According to the genome assembly, WB6\_2A\_207 is 3.79 Mbp long with 1,298 contigs (N50: 4 kbp) and 34.3% G+C content. It includes 4,108 predicted proteins as well as 90 non-coding RNA loci (87 tRNA, 1 rRNA, and 2 tmRNA). The estimated coding density is 94.1%. Based on genome annotation, this organism is predicted to have sucrose and oxidase activity and the capability of gelatin and arginine dihydrolase activity. The type material is the genome WB6\_2A\_207, deposited in the NCBI database with Genome Accession RGCK00000000 and BioSample SAMN10223143.

### Classification

*Bacteria* » *Elulimicrobiota* » *Elulimicrobiia* » *Elulimicrobiales* » *Elulimicrobiaceae* » *Elulimicrobium* » *Elulimicrobium humile*<sup>TS</sup>

### References

Proposed: Rodriguez-R et al., 2020

### Registry URL

<https://seqco.de/i:516>