Blastopirellula sediminis sp. nov.

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Table 1: Complete list of names proposed in the current register list.

Proposed Taxon	Etymology	Description	Parent Taxon	Type	Registry URL
Species *Blastopirellula sediminis*	[se.di.mi'nis] **L. gen. n.** *sediminis*, of sediment	Cells are oval, round, or pear-shaped with cream-coloured pigmentation, and size varying from 1.2–1.6 X 0.9–1.1 µm. Cells divide by budding and grow at a range of 20–30 °C (optimum 30 °C), pH 6.0–9.0 (optimum pH 7.0), and NaCl concentrations of 1–4% (optimum 2%). Catalase and oxidase positive. Vitamin B12 is not required for growth. The predominant fatty acids are C18: 1ω9c and C16: 0. Polyamines include sym-homospermidine, putrescine, and two unidentified polyamines. The type genome material is obtained from the reference strain *Blastopirellula sediminis* JC732. The genomic G + C content of the type strain is 58.9% and the genome size is 7.1 Mb. The 16S rRNA gene and genome accession number of reference strain JC732 is HG996462 and JAJKFT000000000, respectively. Strain JC733 is an additional strain of the species with the 16S rRNA gene accession number HG996480 and genome accession number JAJKFU000000000.	*Blastopirellula*	NCBI Assembly: GCA_020966755.1 Ts	seqco.de/i:32824