

Magnetominusculus linsii sp. nov.

Submitted by Grouzdev, Denis

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

Proposed Taxon	Etymology	Description	Parent Taxon	Type	Registry URL
Species <i>Magnetominusculus linsii</i>	[lin'si.i.] N.L. gen. masc. n. <i>linsii</i> , of Lins, named after Ulysses Lins, a Brazilian microbiologist, who made a significant contribution to the study of magnetotactic bacteria	Small ovoid cells 1.5 µm long and 1.2 µm wide, form two bundles of bullet-shaped magnetite magnetosomes. Potentially capable of chemolithoautotrophy with the oxidation of sulfur compounds and carbon assimilation by Wood–Ljungdahl pathway. Potentially capable of heterotrophy by glycolysis. Not capable of nitrogen fixation. The reference strain is LBB02. The genome reference sequence of LBB02 is JAKOEO000000000. G+C content 47.0%.	<i>Magnetominusculus</i>	NCBI Assembly: GCA_022321325.1 Ts	seqco.de/i:49918