

Nitrososphaera maunauluensis sp. nov.

Submitted by Roy, Shamik

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

Proposed Taxon	Etymology	Description	Parent Taxon	Type	Registry URL
Genus <i>Paraktedonobacter</i>	[Pa.ra.kte.do.no.bac'ter] Gr. prep. para , alongside of, resembling; N.L. masc. n. Ktedonobacter , a bacterial genus name; N.L. masc. n. Paraktedonobacter , beside Ktedonobacter		<i>Ktedonobacteraceae</i>	<i>Paraktedonobacter carboxidivorans</i> ^{Ts}	seqco.de/i:51017
Species <i>Nitrososphaera maunauluensis</i>	[ma.u.na.u.lu.en'sis] N.L. fem. adj. maunauluensis , referring to Mauna Ulu		<i>Nitrososphaera</i>	NCBI Assembly: GCA_041156085.1 ^{Ts}	seqco.de/i:44095
Species <i>Paraktedonobacter carboxidivorans</i> ^{Ts}	[car.bo.xi.di.vo'rans] N.L. neut. n. carboxidum , carbon monoxide; L. part. adj. vorans , devouring; N.L. masc. part. adj. carboxidivorans , carbon monoxide-devouring	This MAG was retrieved from Llaima Volcano, Chile. The genome size is 6.36 Mb, and the G + C content is 53.43 mol%. MAG_1957-2.1 contains the form I <i>cox</i> gene cluster, arranged in a <i>coxMSL</i> configuration, which is linked to the oxidation of carbon monoxide. The type genome of the species has been deposited at NCBI under the accession number SRX9386060.	<i>Paraktedonobacter</i>	NCBI Assembly: GCA_041156125.1 ^{Ts}	seqco.de/i:44096