

Register list for *Pollutiaquabacter aromativorans* gen. nov. sp. nov. and their lineage

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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
Order <i>Pollutaquibacterales</i>	[Po.l.lu.ta.qui.bac.te.ra'les] N.L. masc. n. <i>Pollutaquibacter</i> , referring to the type genus <i>Pollutaquibacter</i> ; -ales, ending to denote an order; N.L. fem. pl. n. <i>Pollutaquibacterales</i> , the <i>Pollutaquibacter</i> order	<i>Pollutaquibacterales</i> was proposed as an order to accomodate the genus <i>Pollutaquibacter</i>	<i>Bacteroidia</i>	<i>Pollutaquibacter</i>	seqco.de/i:56406
Family <i>Pollutaquibacteraceae</i>	[Po.l.lu.ta.qui.bac.te.ra'ce.ae] N.L. masc. n. <i>Pollutaquibacter</i> , referring to the type genus <i>Pollutaquibacter</i> ; -aceae, ending to denote a family; N.L. fem. pl. n. <i>Pollutaquibacteraceae</i> , the <i>Pollutaquibacter</i> family	<i>Pollutaquibacteraceae</i> fam. nov. was proposed to accomodate the genus <i>Pollutaquibacter</i>	<i>Pollutaquibacterales</i>	<i>Pollutaquibacter</i>	seqco.de/i:56400
Genus <i>Pollutaquibacter</i>	[Po.l.lu.ta.qui.bac'ter] L. masc. perf. part. <i>pollutus</i> , polluted; L. fem. n. <i>aqua</i> , water; N.L. masc. n. <i>bacter</i> , rod; N.L. masc. n. <i>Pollutaquibacter</i> , a rod microbe from a polluted aquatic environment	Not cultivated. Inferred to be a rod-shaped, non-motile, facultatively anaerobic organotroph that obtains energy by fermentation, aerobic respiration, or denitrification, and is capable of using aromatic compounds, fatty acids, and some sugars as growth substrates. Represented by the complete genome NLOS2-E-001 (GenBank acc. no. CP185379) obtained from the metagenome of wastewater in Moscow, Russia.	<i>Pollutaquibacteraceae</i>	<i>Pollutaquibacter aromativorans</i> ^{Ts}	seqco.de/i:56399
		Not cultivated. Inferred to be a rod-shaped, non-motile, facultatively anaerobic			

Proposed Taxon	Etymology	Description	Parent Taxon	Type	Registry URL
Species <i>Pollutaquibacter aromativorans</i> ^{Ts}	[a.ro.ma.ti.vo'rans] L. neut. n. <i>aroma</i> , spice; L. masc. pres. part. <i>vorans</i> , devouring; N.L. masc. part. adj. <i>aromativorans</i> , spice-devouring, here referring to degradation of aromatic compounds	organotroph that obtains energy by fermentation, aerobic respiration, or denitrification, and is capable of using aromatic compounds, fatty acids, and some sugars as growth substrates. Represented by the complete genome NLOS2-E-001 (GenBank acc. no. CP185379) obtained from the metagenome of wastewater in Moscow, Russia.	<i>Pollutaquibacter</i>	NCBI Assembly: GCA_049177215.1 ^{Ts}	seqco.de/i:56398