

Pseudaminobacter pseudosoli 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 <i>Pseudaminobacter pseudosoli</i>	[pseu.do.so'li] Gr. neut. adj. <i>pseudes</i> , false; L. neut. n. <i>solum</i> , soil, and a specific epithet of a <i>Pseudaminobacter</i> species; L. gen. n. <i>pseudosoli</i> , the false <i>Pseudaminobacter</i> soli	Cells are Gram stain-negative, strictly aerobic, rod-shaped, 1.2–2.5 µm in length and 0.5–0.8 µm in width and motile. The colonies on R2A agar are non-pigmented, white and moist after 3 days of incubation at 30 °C. Grow on R2A, but not on LB medium. Growth occurs at 15–30 °C (optimum 30 °C), at pH 5.0–8.0 (optimum 7.0), and with 0–2.0% (w/v) NaCl (optimum 1.0%). Positive for nitrite reduction and hydrolysis of aesculin, alkaline phosphatase, esterase (C4), esterase lipase (C8), acid phosphatase, naphthol-AS-BI-phosphohydrolase and α-glucosidase. The major polar lipids are PME, DPG, PG, PC and PE. The predominant cellular fatty acids are C19:0 cyclo <i>ω</i> 8 <i>c</i> and C18: 1 <i>ω</i> 7 <i>c</i> . The major quinone was ubiquinone Q-10. The G+C content is 63.3 mol%.	<i>Pseudaminobacter</i>	NCBI Assembly: GCF_014595955.1 Ts	seqco.de/i:49634