



**LIST OF PROKARYOTIC NAMES  
VALIDLY PUBLISHED**

**in January 2019**

compiled by

**Joanna Lenc, Leibniz-Institut DSMZ - Deutsche Sammlung von Mikroorganismen und  
Zellkulturen GmbH  
Braunschweig, Germany**

## Notes

This compilation of validly published names of Prokaryotes is produced to the best of our knowledge. Nevertheless we do not accept any responsibility for errors, inaccuracies or omissions.

Names of prokaryotes are defined as being validly published by the *International Code of Nomenclature of Bacteria*<sup>a,b</sup>. Validly published are all names which are included in the *Approved Lists of Bacterial Names*<sup>c,d,e,f</sup> and the names subsequently published in the *International Journal of Systematic Bacteriology* (IJSB) and, from January 2000, in the *International Journal of Systematic and Evolutionary Microbiology* (IJSEM) in the form of original articles or in the *Validation Lists*.

Names not considered to be validly published, should no longer be used, or used in quotation marks, i.e. "*Streptococcus equisimilis*" to denote that the name has no standing in nomenclature. Please note that such names cannot be retrieved in this list.

## Explanations, Examples

Numerical reference followed by (AL)	<i>Streptomyces setonii</i> 30:401 (AL)	Included in The <i>Approved Lists of Bacterial Names</i> . [Volume:page (AL)]
Numerical reference with asterisk	<i>Acidiphilium cryptum</i> 31:331*	original publication in the IJSB or IJSEM [Volume:page of description*]
Numerical reference without asterisk	<i>Acetomicrobium faecale</i> 38:136	<i>Validation List</i> in the IJSB or IJSEM [Volume:page]
≡	<i>Acetobacter methanolicus</i> (basonym) ≡ <i>Acidomonas methanolica</i>	homotypic (formerly: objective) synonym; the original name is indicated as a basonym <sup>a,g</sup>
=	<i>Brevibacterium albidum</i> (as synonym) = <i>Curtobacterium albidum</i>	heterotypic (formerly: subjective) synonym; the name published first ( <i>Curtobacterium albidum</i> ) has priority over <i>Brevibacterium albidum</i> <sup>a,g</sup>
corrig.	<i>Streptococcus sanguis</i> [sic], see: <i>Streptococcus sanguinis</i> (corrig.)	orthographic correction

<sup>a)</sup> International Code of Nomenclature of Bacteria (1990 revision). Lapage, S. P. et al. (eds.), American Society for Microbiology, Washington, D.C. 1992

<sup>b)</sup> De Vos, P. and Trüper, H.G. (2000). Judicial Commission of the International Committee on Systematic Bacteriology. IXth International (IUMS) Congress of Bacteriology and Applied Microbiology. Minutes of the meetings, 14, 15 and 18 August 1999, Sydney, Australia. *Int. J. Syst. Evol. Microbiol.* 50: 2239-2244.

<sup>c)</sup> Skerman, V.B.D., McGowan, V., Sneath, P.H.A. (1980). *Approved Lists of Bacterial Names*. *Int. J. Syst. Bacteriol.* **30**, 225-420.

<sup>d)</sup> Hill, L.R., Skerman, V.B.D., Sneath, P.H.A. (1984). Corrigenda to the *Approved Lists of Bacterial Names* edited for the International Committee on Systematic Bacteriology. *Int. J. Syst. Bacteriol.* **34**, 508-511.

<sup>e)</sup> Skerman, V.B.D., McGowan, V., Sneath, P.H.A. *Approved Lists of Bacterial Names*. Amended edition. American Society for Microbiology, Washington, 1989.

<sup>f)</sup> Euzéby, J.P. (1997). Corrigenda to the *Approved Lists of Bacterial Names* and to the amended edition of the *Approved Lists of Bacterial Names*. *Int. J. Syst. Bacteriol.*, 1997, **47**, 1271-1272.

<sup>g)</sup> Tindall, B.J. (1999). Taxonomic note. Misunderstanding the Bacteriological Code. *Int.J.Syst.Bacteriol.*, **49**: 1313-1316.

*Acidovorax monticola* 69:5

*Aestuariibaculum marinum* 69:5

**Aestuarium** 69:5

*Aestuarium zhoushanense* 69:5

*Aggregatibacter kilianii* 69:5

*Amycolatopsis cappadoca* 69:5

*Amycolatopsis vastitatis* 69:5

*Arcobacter acticola* 69:5

*Arcobacter faecis* 69:5

*Bacillus alkalitolerans* 68:1188\*

*Bifidobacterium avesanii* 69:5

*Corynebacterium diphtheriae* subsp. *diphtheriae* 9:0 (as synonym) ≡ *Corynebacterium diphtheriae*

*Corynebacterium diphtheriae* subsp. *lausannense* 69:5

*Dyadobacter flavus* 69:5

*Dyadobacter terricola* 69:5

*Fenollaria massiliensis* 68:693

*Flavobacterium amnigenum* 69:5

*Gelidibacter flavus* 69:5

**Halarcobacter** corrig. 69:5

*Halarcobacter bivalviorum* corrig. 69:5

*Halarcobacter ebronensis* corrig. 69:5

**Haloarcobacter** see:

*Haloarcobacter bivalviorum* (misspelled), see: (as synonym) ≡ *Halarcobacter bivalviorum*

*Haloarcobacter ebronensis* (misspelled), see: (as synonym) ≡ *Halarcobacter ebronensis*

*Halorubrum depositum* 69:5

*Halorubrum salsamentii* 69:5

*Hymenobacter jeollabukensis* 69:5

*Hymenobacter segetis* 69:5

**Labilibaculum** 69:5

*Labilibaculum filiforme* 69:5

*Labilibaculum manganiareducens* 69:5

**Limoniibacter** 69:5

*Limoniibacter endophyticus* 69:5

**Malaciobacter** corrig. 69:5

*Malaciobacter canalis* corrig. 69:5

*Malaciobacter halophilus* corrig. 69:5

*Malaciobacter marinus* corrig. 69:5

*Malaciobacter molluscorum* corrig. 69:5

*Malaciobacter mytili* corrig. 69:5

*Malaciobacter pacificus* corrig. 69:5

**Malacobacter** see:

*Malacobacter canalis* (misspelled), see: (as synonym) ≡ *Malaciobacter canalis*

*Malacobacter halophilus* (misspelled), see: (as synonym) ≡ *Malaciobacter halophilus*

*Malacobacter marinus* (misspelled), see: (as synonym) ≡ *Malaciobacter marinus*

*Malacobacter molluscorum* (misspelled), see: (as synonym) ≡ *Malaciobacter molluscorum*

*Malacobacter mytili* (misspelled), see: (as synonym) ≡ *Malaciobacter mytili*

*Malacobacter pacificus* (misspelled), see: (as synonym) ≡ *Malaciobacter pacificus*

**Mediterraneibacter** 69:5

*Mediterraneibacter faecis* 69:5

*Mediterraneibacter glycyrrhizinilyticus* 69:5

*Mediterraneibacter massiliensis* 69:5

**Orrella** 69:5

*Orrella dioscoreae* 69:5

**Paradonghicola** 69:5

*Paradonghicola geojensis* 69:5

**Parageobacillus** 69:5

*Parageobacillus caldoxylosilyticus* 69:5

*Parageobacillus thermantarcticus* 69:5

*Parageobacillus thermoglucosidasius* 69:5

*Parageobacillus toebii* 69:5

*Phenylobacterium terrae* 69:5

*Photobacterium andalusiense* 69:5

*Photobacterium malacitanum* 69:5

*Phytoactinopolyspora halotolerans* 69:5

**Poseidonibacter** 69:5

*Poseidonibacter lekithochrous* 69:5

*Prevotella phocaeensis* 69:5

**Pseudarcobacter** corrig. 69:5

*Pseudarcobacter aquimarinus* corrig. 69:5

*Pseudarcobacter cloacae* corrig. 69:5

*Pseudarcobacter defluvii* corrig. 69:5

*Pseudarcobacter ellisii* corrig. 69:5

*Pseudarcobacter suis* corrig. 69:5

*Pseudarcobacter venerupis* corrig. 69:5

*Pseudidiomarina aquimaris* 69:5

*Pseudidiomarina atlantica* 69:5

*Pseudidiomarina halophila* 69:5

*Pseudidiomarina insulisalsae* 69:5

*Pseudidiomarina planktonica* 69:5

*Pseudidiomarina woesei* 69:5

**Pseudoarcobacter** see:

*Pseudoarcobacter aquimarinus* (misspelled), see: (as synonym) ≡ *Pseudarcobacter aquimarinus*

*Pseudoarcobacter cloacae* (misspelled), see: (as synonym) ≡ *Pseudarcobacter cloacae*

*Pseudoarcobacter defluvii* (misspelled), see: (as synonym) ≡ *Pseudarcobacter defluvii*

*Pseudoarcobacter ellisii* (misspelled), see: (as synonym) ≡ *Pseudarcobacter ellisii*

*Pseudoarcobacter suis* (misspelled), see: (as synonym) ≡ *Pseudarcobacter suis*

*Pseudoarcobacter venerupis* (misspelled), see: (as synonym) ≡ *Pseudarcobacter venerupis*

*Pseudomonas laurylsulfatiphila* corrig. 69:5

*Pseudomonas laurylsulfativorans* 69:5

*Pseudomonas laurylsulfatophila* (misspelled), see: (as synonym) ≡ *Pseudomonas laurylsulfatiphila*

*Pseudomonas pharmacofabricae* 69:5

*Sedimentisphaera cyanobacteriorum* 68:3379

*Sedimentisphaera salicampi* 68:3379

*Skermanella mucosa* 69:5

*Sphingomonas montis* 69:5

**Tepidibaculum** 69:5

*Tepidibaculum saccharolyticum* 69:5

*Tepidimonas alkaliphilus* 69:5

*Tepidimonas sediminis* 69:5