



**LIST OF PROKARYOTIC NAMES  
VALIDLY PUBLISHED**

**in April 2017**

compiled by

**Dorothea Gleim, 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.

<i>Acidicapsa acidisoli</i> 67:867*	<i>Haematomicrobium sanguinis</i> 67:1056*
<i>Acinetobacter larvae</i> 67:810*	<i>Halobaculum roseum</i> 67:822*
<i>Aeromonas sharmana</i> 56:1907* (basonym) ≡ <i>Pseudaeromonas sharmana</i>	<b>Halofilum</b> 67:936* <i>Halofilum ochraceum</i> 67:937*
<i>Alcaligenes endophyticus</i> 67:943*	<i>Hymenobacter rutilus</i> 67:860*
<i>Algoriphagus aestuariicola</i> 67:919*	<b>Immundisolibacter</b> 67:930* <i>Immundisolibacter cernigliae</i> 67:930*
<i>Altererythrobacter salegens</i> 67:912*	<i>Lysobacter humi</i> 67:954*
<i>Arachidicoccus ginsenosidivorans</i> 67:1009*	<b>Maripseudobacter</b> 67:782* <i>Maripseudobacter aurantiacus</i> 67:782*
<i>Arthrobacter sanguinis</i> 59:1 (basonym) ≡ <i>Haematomicrobium sanguinis</i>	<b>Microbaculum</b> 67:815* <i>Microbaculum marinum</i> 67:816*
<i>Brevibacillus halotolerans</i> 67:776*	<i>Microbulbifer echini</i> 67:1003*
<i>Brevundimonas balnearis</i> 67:1037* <i>Brevundimonas canariensis</i> 67:972*	<b>Micropepsis</b> 67:842* <i>Micropepsis pineolensis</i> 67:842*
<i>Chryseobacterium lineare</i> 67:804*	<i>Mucilaginibacter psychrotolerans</i> 67:770*
<b>Chthonobacter</b> 67:886* <i>Chthonobacter albigriseus</i> 67:887*	<i>Muricauda lutea</i> 67:1068*
<i>Colwellia marinimaniae</i> 67:829*	<i>Mycobacterium malmesburyense</i> 67:837*
<b>Corticococcus</b> 67:793* <i>Corticococcus populi</i> 67:793*	<i>Niabella hibiscisoli</i> 67:787*
<i>Desulfuribacillus stibiiarsenatis</i> 67:1016*	<i>Paenibacillus aceris</i> 67:1044* <i>Paenibacillus eucommiae</i> 67:996* <i>Paenibacillus rhizoplanae</i> 67:1061* <i>Paenibacillus silvae</i> 67:798*
<i>Devosia elaeis</i> 67:854*	<i>Photorhabdus luminescens</i> subsp. <i>namnaonensis</i> 67:1050*
<i>Euzebyella marina</i> 67:923*	<b>Planctobacterium</b> 67:978* <i>Planctobacterium marinum</i> 67:979*
<i>Flavobacterium arcticum</i> 67:1073* <i>Flavobacterium crassostreae</i> 67:991* <i>Flavobacterium lacunae</i> 67:880*	
<b>Haematomicrobium</b> 67:1056*	

*Planococcus versutus* 67:950\*

***Pseudaeromonas*** 67:1022\*

*Pseudaeromonas pectinilytica* 67:1022\*

*Pseudaeromonas sharmana* 67:1022\*

*Pseudomonas canadensis* 67:894\*

*Rhizobium oryzae* 67:967\*

*Roseomonas nepalensis* 67:986\*

***Ruficoccus*** 67:961\*

*Ruficoccus amylovorans* 67:961\*

*Solibacillus kalamii* 67:900\*

*Sphingomonas aquatica* 67:849\*

*Terrimonas crocea* 67:873\*