



**LIST OF PROKARYOTIC NAMES  
VALIDLY PUBLISHED  
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compiled by

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## Notes

This compilation produced by the DSMZ lists the names of prokaryotes which have been validly published in the most recent volume of the *International Journal of Systematic and Evolutionary Microbiology* (IJSEM). Such an update will be issued with the publication of each new edition of the IJSEM. The DSMZ accepts no responsibility for errors.

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

- Aestuariicola saemankumensis* 58:2130\* (basonym) ≡  
*Lutimonas saemankumensis*
- Aestuariispira** 64:1844\*  
*Aestuariispira insulae* 64:1845\*
- Aliicoccus** 64:1967\*  
*Aliicoccus persicus* 64:1968\*
- Alkalibacillus almallahensis* 64:2069\*
- Aquimarina pacifica* 64:1996\*
- Aridibacter** 64:1872\*  
*Aridibacter famidurans* 64:1872\*  
*Aridibacter kavangonensis* 64:1873\*
- Bacillus tianshenii* 64:2002\*
- Bradyrhizobium ganzhouense* 64:1904\*  
*Bradyrhizobium icense* 64:2077\*  
*Bradyrhizobium paxllaeri* 64:2077\*
- Burkholderia aspalathi* 64:1910\*  
*Burkholderia cordobensis* 64:2007\*
- Defluviimonas indica* 64:2088\*
- Etetvoesia** 64:1923\*  
*Etetvoesia caeni* 64:1924\*
- Gemella parahaemolysans* 64:2064\*  
*Gemella taiwanensis* 64:2065\*
- Haloactinopolyspora alkaliphila* 64:1950\*
- Helicobacter valdiviensis* 64:1918\*
- Hoppeia** 64:2058\*  
*Hoppeia youngheungensis* 64:2058\*
- Hymenobacter arcticus* 64:2117\*  
*Hymenobacter kanuolensis* 64:2111\*
- Lactivibrio** 64:2143\*  
*Lactivibrio alcoholicus* 64:2143\*
- Listeria aquatica* 64:1887\*  
*Listeria cornellensis* 64:1888\*  
*Listeria floridensis* 64:1887\*  
*Listeria grandensis* 64:1888\*  
*Listeria riparia* 64:1888\*
- Lutimonas halocynthiae* 64:1989\*  
*Lutimonas saemankumensis* 64:1989\*
- Melaminivora** 64:1943\*  
*Melaminivora alkalimesophila* 64:1943\*
- Mesoflavibacter aestuarii* 64:1936\*
- Methanococcoides vulcani* 64:1982\*
- Methanohalophilus levihalophilus* 64:2093\*
- Methyloparacoccus** 64:2105\*  
*Methyloparacoccus murrellii* 64:2105\*
- Nitrolancea** 64:1864\*  
*Nitrolancea hollandica* 64:1864\*
- Nocardioides opuntiae* 64:2098\*  
*Nocardioides soli* 64:2051\*
- Polymorphobacter** 64:2038\*  
*Polymorphobacter multimanifer* 64:2038\*
- Pseudopedobacter** 64:1856\*  
*Pseudopedobacter beijingensis* 64:1857\*  
*Pseudopedobacter saltans* 64:1857\*
- Psychrosphaera aestuarii* 64:1956\*  
*Psychrosphaera haliotis* 64:1957\*
- Rhizobium flavum* 64:2021\*
- Rhodanobacter glycinis* 64:2027\*
- Rivicola** 64:2014\*  
*Rivicola pingtungensis* 64:2014\*
- Salinigranum** 64:2031\*  
*Salinigranum rubrum* 64:2033\*
- Seonamhaeicola** 64:1880\*  
*Seonamhaeicola aphaedonensis* 64:1880\*
- Streptomyces catbensis* 64:2150\*
- Thalassomonas eurytherma* 64:2082\*
- Thermoflexus** 64:2125\*  
*Thermoflexus hugenholtzii* 64:2125\*
- Thermotoga caldifontis* 64:2135\*  
*Thermotoga profunda* 64:2135\*
- Ulvibacter marinus* 64:2045\*
- Wenxinia saemankumensis* 64:1962\*
- Xenophilus arseniciresistens* 64:1930\*