



**LIST OF PROKARYOTIC NAMES  
VALIDLY PUBLISHED**

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compiled by

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## 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>Acetomicrobium faecale</i> corrig. 38:136 (basonym) ≡ <i>Caldicoprobacter faecalis</i>	<b>Brevirhabdus</b> 65:3649* <i>Brevirhabdus pacifica</i> 65:3650*
<i>Achromobacter sediminum</i> 64:2248* (basonym) ≡ <i>Verticia sediminum</i>	<i>Caldicoprobacter faecalis</i> 65:3288*
<b>Acidihalobacter</b> 65:3643* <i>Acidihalobacter prosperus</i> 65:3644*	<i>Carboxylicivirga linearis</i> 65:3274*
<i>Actinobacillus muris</i> 38:220 (basonym) ≡ <i>Muribacter muris</i>	<b>Corticibacter</b> 65:3337* <i>Corticibacter populi</i> 65:3337*
<i>Aestuariivita atlantica</i> 65:3285*	<i>Deinococcus metalli</i> 65:3461*
<i>Algimonas arctica</i> 65:3260*	<i>Domibacillus tundrae</i> 65:3412*
<i>Algoriphagus aestuarii</i> 65:3445*	<i>Dysgonomonas alginatilytica</i> 65:3575*
<b>Alkalimarinus</b> 65:3514* <i>Alkalimarinus sediminis</i> 65:3515*	<i>Empedobacter stercoris</i> 65:3751*
<i>Alteromonas confluentis</i> 65:3606*	<i>Erwinia iniecta</i> 65:3631*
<b>Anaerobium</b> 65:3294* <i>Anaerobium acetethylicum</i> 65:3295*	<i>Erythrobacter atlanticus</i> 65:3718*
<i>Aquabacterium olei</i> 65:3601*	<i>Fabibacter misakiensis</i> 65:3279*
<i>Aureimonas glaciistagni</i> 65:3568*	<i>Flectobacillus rhizosphaerae</i> 65:3455*
<i>Bacillus campisalis</i> 65:3238* <i>Bacillus glycinifermentans</i> 65:3590* <i>Bacillus paralicheniformis</i> 65:3491*	<i>Fusibacter fontis</i> 65:3505*
<b>Baia</b> 65:3758* <i>Baia soyae</i> 65:3758*	<i>Geodermatophilus sabuli</i> 65:3371*
<i>Bartonella ancashensis</i> 65:3343*	<i>Haliea atlantica</i> 65:3417* <i>Haliea mediterranea</i> 60:1848* (basonym) ≡ <i>Parahaliea mediterranea</i>
<i>Bordetella bronchialis</i> 65:3681* <i>Bordetella flabilis</i> 65:3681* <i>Bordetella sputigena</i> 65:3681*	<i>Halorussus amylolyticus</i> 65:3737* <i>Jatrophihabitans fulvus</i> 65:3480*
<i>Bradyrhizobium subterraneum</i> 65:3246*	<i>Kineococcus gypseus</i> 65:3707* <i>Kordia zhangzhouensis</i> 65:3382*
	<i>Lactobacillus vespulae</i> 65:3331*

<i>Lewinella xylanilytica</i> 65:3437*	<i>Pseudomarcicurvus alcaniphilus</i> 65:3594*
<b>Lysinibacter</b> 65:3310*	<b>Qipengyuania</b> 65:3662*
<i>Lysinibacter cavernae</i> 65:3311*	<i>Qipengyuania sediminis</i> 65:3663*
<i>Maritimibacter lacisalsi</i> 65:3467*	<i>Rheinheimera mesophila</i> 65:3672*
<i>Massilia arvi</i> 65:3695*	<i>Roseomonas oryzae</i> 65:3539*
<i>Mesorhizobium acaciae</i> 65:3562*	<i>Saccharicrinis marinus</i> 65:3431*
<i>Mesorhizobium cantuariense</i> 65:3425*	<b>Salininema</b> 65:3731*
<i>Mesorhizobium waimense</i> 65:3425*	<i>Salininema proteolyticum</i> 65:3732*
<i>Methanocalculus alkaliphilus</i> 65:3744*	<b>Sinimaribacterium</b> 65:3545*
<i>Methanosalsum natronophilum</i> 65:3744*	<i>Sinimaribacterium flocculans</i> 65:3545*
<i>Methylocapsa palsarum</i> 65:3624*	<i>Sphingomonas vulcanisoli</i> 65:3324*
<b>Methylomagnum</b> 65:3532*	<i>Sphingopyxis flava</i> 65:3725*
<i>Methylomagnum ishizawai</i> 65:3533*	<i>Spirosoma fluviale</i> 65:3450*
<i>Microbacterium nanhaiense</i> 65:3701*	<i>Streptomyces gilvifuscus</i> 65:3499*
<b>Muribacter</b> 65:3349*	<i>Streptomyces olivicoloratus</i> 65:3268*
<i>Muribacter muris</i> 65:3349*	<i>Streptomyces sasae</i> 65:3550*
<i>Nocardiopsis nanhaiensis</i> 65:3389*	<b>Sulfurifustis</b> 65:3712*
<i>Nocardiopsis oceani</i> 65:3389*	<i>Sulfurifustis variabilis</i> 65:3712*
<i>Paenibacillus physcomitrellae</i> 65:3405*	<b>Tamilnaduibacter</b> 65:3253*
<i>Pantoea intestinalis</i> 65:3356*	<i>Tamilnaduibacter salinus</i> 65:3253*
<i>Pantoea theicola</i> 65:3319*	<b>Tenggerimyces</b> 65:3362*
<i>Paracoccus angustae</i> 65:3473*	<i>Tenggerimyces mesophilus</i> 65:3363*
<b>Parahaliea</b> 65:3416*	<b>Terasakiispira</b> 65:3615*
<i>Parahaliea mediterranea</i> 65:3416*	<i>Terasakiispira papahanaumokuakeensis</i> 65:3615*
<i>Pedobacter lignilitoris</i> 65:3485*	<i>Terriglobus albidus</i> 65:3302*
<i>Pedobacter nanyangensis</i> 65:3520*	<i>Terrisporobacter petrolearius</i> 65:3526*
<i>Planococcus faecalis</i> 65:3377*	

***Ursidibacter*** 65:3686\*

*Ursidibacter arcticus* 65:3688\*

*Ursidibacter maritimus* 65:3686\*

***Verticia*** 65:3682\*

*Verticia sediminum* 65:3682\*

*Vibrio oceanisediminis* 65:3556\*

*Vogesella amnigena* 65:3639\*