



**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>Acinetobacter dijkshoorniae</i> 66:4109*	<i>Devosia mishustinii</i> 66:3940*
<i>Acinetobacter pragensis</i> 66:3902*	<i>Dyadobacter endophyticus</i> 66:4025*
<i>Agathobaculum desmolans</i> 66:3660* (as synonym) ≡ <i>Butyricoccus desmolans</i>	<i>Enterococcus saigonensis</i> 66:3784*
<i>Altererythrobacter confluentis</i> 66:4007*	<i>Filimonas aurantiibacter</i> 66:4032*
<i>Amycolatopsis albispora</i> 66:3863*	<i>Flavitalea soli</i> 66:565* (basonym) ≡ <i>Pseudoflavitalea soli</i>
<b>Anaerosporomusa</b> 66:3852*	<i>Flavobacterium terriphilum</i> 66:4280*
<i>Anaerosporomusa subterranea</i> 66:3853*	<i>Geodermatophilus pulveris</i> 66:3833*
<b>Ancylomarina</b> 66:4246*	<i>Gordonia hongkongensis</i> 66:3949*
<i>Ancylomarina subtilis</i> 66:4247*	<b>Halobium</b> 66:3803*
<i>Aurantimonas endophytica</i> 66:4116*	<i>Halobium palmae</i> 66:3803*
<i>Burkholderia panaciterrae</i> 65:3764 (as synonym) = <i>Paraburkholderia ginsengiterrae</i>	<i>Halomonas sediminicola</i> 66:3870*
<i>Butyricoccus desmolans</i> 66:4130*	<b>Harryflintia</b> 66:4103*
<i>Butyricoccus faecihominis</i> 66:4129*	<i>Harryflintia acetispora</i> 66:4103*
<i>Chitinibacter fontanus</i> 66:4267*	<b>Herbihabitans</b> 66:4160*
<i>Chromobacterium rhizoryzae</i> 66:3895*	<i>Herbihabitans rhizosphaerae</i> 66:4160*
<i>Chryseobacterium montanum</i> 66:4055*	<i>Herbinix luporum</i> 66:4136*
<i>Clavibacter michiganensis</i> subsp. <i>capsici</i> 66:4069*	<i>Hymenobacter glacieicola</i> 66:3797*
<i>Demequina litorisediminis</i> 66:4202*	<i>Jatrophihabitans huperziae</i> 66:3976*
<i>Desulfovibrio aespoeensis</i> 48:313* (basonym) ≡ <i>Pseudodesulfovibrio aespoeensis</i>	<i>Lactococcus garvieae</i> 36:354 divided into subspecies <i>Lactococcus garvieae</i> subsp. <i>bovis</i> 66:3808*
<i>Desulfovibrio piezophilus</i> 61:2710* (basonym) ≡ <i>Pseudodesulfovibrio piezophilus</i>	<i>Lactococcus garvieae</i> subsp. <i>garvieae</i> 66:3807*
<i>Desulfovibrio portus</i> 60:2509 (basonym) ≡ <i>Pseudodesulfovibrio portus</i>	<i>Lewinella aquimaris</i> 66:3993*
<i>Desulfovibrio profundus</i> 47:520* (basonym) ≡ <i>Pseudodesulfovibrio profundus</i>	<b>Lipingzhangella</b> 66:4075*
<i>Devosia confluentis</i> 66:3940*	<i>Lipingzhangella halophila</i> 66:4075*
<i>Devosia enhydra</i> 66:3940*	<i>Lysobacter erysipheiresistens</i> 66:4020*

<i>Lysobacter firmicutimachus</i> 66:4166*	<i>Pseudoflavitalea rhizosphaerae</i> 66:4170*
	<i>Pseudoflavitalea soli</i> 66:4171*
<i>Maribacter litorisediminis</i> 66:4241*	
	<i>Pseudomonas oceani</i> 66:4254*
<i>Martelella limonii</i> 66:3921*	
<i>Martelella suaedae</i> 66:3920*	<i>Rhizobium altiplani</i> 66:4123*
	<i>Rhizobium gei</i> 66:4287*
<i>Massilia psychrophila</i> 66:4092*	
	<i>Roseomonas arcticisoli</i> 66:4062*
<i>Mucilaginibacter pedocola</i> 66:4037*	<i>Roseomonas rubra</i> 66:3825*
<i>Mucilaginibacter phyllosphaerae</i> 66:4145*	
	<i>Salinicoccus amylolyticus</i> 66:3818*
<i>Nocardioides baekrokdamisoli</i> 66:4234*	
<i>Nocardioides intraradicalis</i> 66:3846*	<i>Shinella curvata</i> 66:3933*
<i>Nocardiopsis sediminis</i> 66:3839*	<i>Skermanella rosea</i> 66:3955*
<i>Oceanobacillus longus</i> 66:4229*	<i>Sphingobium hydrophobicum</i> 66:3915*
<i>Octadecabacter ponticola</i> 66:4183*	<i>Sphingomonas prati</i> 66:4274*
<i>Paenibacillus silagei</i> 66:3876*	<i>Spiribacter roseus</i> 66:4223*
<b>Panacibacter</b> 66:4042*	<i>Spongiibacter taiwanensis</i> 66:4097*
<i>Panacibacter ginsenosidivorans</i> 66:4043*	
	<i>Streptococcus dentiloxodontae</i> 66:3882*
<i>Paraburkholderia caffeinilytica</i> 66:4189*	<i>Streptococcus halotolerans</i> 66:4216*
<i>Paraburkholderia panaciterrae</i> 66:2842* (as synonym) = <i>Paraburkholderia ginsengiterrae</i>	<i>Streptomyces camponoticapitis</i> 66:3858*
	<i>Streptomyces palmae</i> 66:3987*
<i>Pontibacillus salipaludis</i> 66:3888*	<i>Streptomyces phyllanthi</i> 66:3927*
	<i>Streptomyces pini</i> 66:4209*
<i>Pontibacter litorisediminis</i> 66:4177*	
	<i>Sulfitobacter faviae</i> 66:3791*
<i>Porphyromonas loveana</i> 66:3777*	
	<i>Tepidibacillus decaturensis</i> 66:3970*
<b>Pseudodesulfovibrio</b> 66:3910*	
<i>Pseudodesulfovibrio aespoensis</i> 66:3910*	<i>Thalassotalea montiporae</i> 66:4083*
<i>Pseudodesulfovibrio indicus</i> 66:3910*	
<i>Pseudodesulfovibrio piezophilus</i> 66:3910*	<i>Thermodesulfatator autotrophicus</i> 66:3981*
<i>Pseudodesulfovibrio portus</i> 66:3910*	
<i>Pseudodesulfovibrio profundus</i> 66:3910*	<i>Trichococcus ilyis</i> 66:3961*
<b>Pseudoflavitalea</b> 66:4170*	<i>Vasilyevaea enhydra</i> 60:2964* (as synonym) ≡ <i>Devosia</i>

*enhydra*

*Vasilyevaea mishustinii* 60:2964\* (as synonym) ≡  
*Devosia mishustinii*

*Vibrio cidicii* 66:4154\*

*Yimella radialis* 66:4195\*