



**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 halotolerans</i> 67:3140	<i>Chitinophaga rhizosphaerae</i> 67:3439*
	<i>Chitinophaga sedimenti</i> 67:3489*
<i>Actinomadura alkaliterrae</i> 67:3140	<i>Chromobacterium sphagni</i> 67:3422*
<i>Actinomyces gaoshouyii</i> 67:3367*	<i>Citrobacter portucalensis</i> 67:3516*
<i>Algoriphagus aquaemixtae</i> 67:3235*	<i>Conexibacter stalactiti</i> 67:3217*
<i>Altererythrobacter aquaemixtae</i> 67:3450*	<b>Corallincola</b> 67:3140
<i>Altererythrobacter aquiaggeris</i> 67:3415*	<i>Corallincola platygyrae</i> 67:3140
<i>Altererythrobacter xixiisoli</i> 67:3659*	
<i>Amycolatopsis acidiphila</i> 67:3391*	<i>Desulfovibrio senegalensis</i> 67:3165*
<i>Amylibacter cionae</i> 67:3466*	<i>Dyella caseinilytica</i> 67:3243*
	<i>Dyella flava</i> 67:3244*
<i>Angustibacter speluncae</i> 67:3287*	<i>Dyella mobilis</i> 67:3244*
<i>Arenivirga flava</i> 67:3321*	<i>Echinicola sediminis</i> 67:3356*
<i>Arsenicibacter rosenii</i> 67:3190*	<i>Ensifer shofinae</i> 67:3140
<i>Arthrobacter pokkalii</i> 67:3140	<i>Filimonas aquilariae</i> 67:3224*
<i>Bacillus iocasae</i> 67:3551*	<i>Flavobacterium gossypii</i> 67:3349*
<i>Bacillus kiskunsagensis</i> 67:3494*	<i>Frankia discariae</i> 67:3140
<i>Bradyrhizobium americanum</i> 67:3140	<i>Gilliamella bombi</i> 67:3140
<i>Bradyrhizobium centrosematis</i> 67:3140	<i>Gilliamella bombicola</i> 67:3140
<i>Brenneria populi</i> subsp. <i>brevivirga</i> 67:3638*	<i>Gilliamella intestini</i> 67:3140
<i>Brenneria populi</i> subsp. <i>populi</i> 67:3638*	<i>Gilliamella mensalis</i> 67:3140
<i>Brumimicrobium aurantiacum</i> 67:3259*	<i>Gracilimonas halophila</i> 67:3254*
<i>Burkholderia acidipaludis</i> 60:2039* (basonym) ≡	<i>Haloferax namakaokahaiae</i> 67:3140
<i>Paraburkholderia acidipaludis</i>	<i>Kushneria konosiri</i> 67:3581*
<i>Butyratibacter algicola</i> 67:3212*	<i>Lactobacillus cerevisiae</i> 67:3456*
<i>Caulobacter hibisci</i> 67:3172*	<i>Lactobacillus pentosiphilus</i> 67:3643*
	<i>Lactobacillus silagincola</i> 67:3643*
<i>Cellvibrio zantedeschiae</i> 67:3620*	<i>Larkinella harenae</i> 67:3141

<i>Lewinella lacunae</i> 67:3608*	<i>Oceanospirillum sanctuarii</i> 67:3433*
<i>Lewinella maritima</i> 67:3607*	
<i>Limnobacter humi</i> 67:3141	<i>Pacificibacter aestuarii</i> 67:3631*
<i>Lysinimicrobium sediminis</i> 67:3396*	<i>Paenibacillus aurantiacus</i> 67:3229*
<i>Mabikibacter ruber</i> 67:3379*	<i>Paraburkholderia acidipaludis</i> 67:3141
<i>Marinicauda algicola</i> 67:3427*	<i>Paraburkholderia andropogonis</i> 65:2019 (as synonym) ≡ <i>Robbsia andropogonis</i>
<i>Mesorhizobium olivaresii</i> 67:3141	<i>Pelagibacterium lentulum</i> 67:3185*
<i>Microbacterium hibisci</i> 67:3568*	<i>Phreatobacter stygius</i> 67:3299*
<i>Microbacterium zeae</i> 67:3141	<i>Pigmentiphaga aceris</i> 67:3202*
<i>Micromonospora yasonensis</i> 67:3141	<i>Planktotalea arctica</i> 67:3504*
<i>Microvirga indica</i> 67:3530*	<i>Pleomorphobacterium xiamenense</i> 63:1872* (as synonym) = <i>Oceanicella actignis</i>
<i>Monaibacterium marinum</i> 67:3316*	<i>Polaribacter pacificus</i> 67:3207*
<i>Mycobacterium aquaticum</i> 67:3282*	<i>Polycladomyces subterraneus</i> 67:3327*
<i>Mycobacterium eburneum</i> 67:3180*	<i>Polynucleobacter sphagniphilus</i> 67:3266*
<i>Natronoarchaeum persicum</i> 67:3343*	<i>Prauserella oleivorans</i> 67:3386*
<i>Neptuniibacter marinus</i> 67:3141	<i>Promicromonospora callitridis</i> 67:3562*
<i>Neptuniibacter pectenicola</i> 67:3141	<i>Pseudoalteromonas amylolytica</i> 67:3141
<i>Nocardia heshunensis</i> 67:3471*	<b><i>Pseudobowmanella</i></b> 67:3141
<i>Nocardioides taihuensis</i> 67:3538*	<i>Pseudobowmanella zhangzhouensis</i> 67:3141
<i>Nonomuraea guangzhouensis</i> 67:3141	<i>Pseudomonas sesami</i> 67:3141
<i>Nonomuraea harbinensis</i> 67:3141	<i>Pseudomonas versuta</i> 67:3141
<i>Novosphingobium clariflavum</i> 67:3153*	<b><i>Pseudorhizobium</i></b> 67:3141
<i>Novosphingobium ipomoeae</i> 67:3595*	<i>Pseudorhizobium pelagicum</i> 67:3141
<i>Novosphingobium pokkali</i> 67:3141	<i>Pseudothromotoga hypogea</i> 67:3141
<i>Oceanispirochaeta litoralis</i> 67:3408*	
<i>Oceanispirochaeta sediminicola</i> 67:3408*	

- Psychrobacter pasteurii* 67:3196\*  
*Psychrobacter piechaudii* 67:3196\*
- Psychromarinibacter halotolerans* 67:3523\*
- Puniceibacterium confluentis* 67:3483\*
- Reyranella aquatilis* 67:3499\*
- Rheinheimera gaetbuli* 67:3141
- Rhizobium aegyptiacum* 67:3141
- Rhodobacter azollae* 67:3294\*  
*Rhodobacter lacus* 67:3294\*
- Rhodopseudomonas telluris* 67:3373\*
- Rickettsia gravesii* 67:3160\*
- Robbsia** 67:3141  
*Robbsia andropogonis* 67:3141
- Rosenbergiella australiborealis* corrig. 67:3141  
*Rosenbergiella collisarenosi* 67:3141  
*Rosenbergiella epipactidis* 67:3141
- Roseomonas musae* 67:3141
- Rubrobacter spartanus* 67:3601\*
- Salinirussus salinus* 67:3625\*
- Saonia flava* 67:3250\*
- Silanimonas algicola* 67:3277\*
- Spirochaeta litoralis* 30:594\* (basonym) ≡  
*Oceanispirochaeta litoralis*
- Spirosoma lacussanchae* 67:3148\*
- Streptococcus ruminantium* 67:3664\*
- Streptomyces solisilvae* 67:3555\*
- Sulfurivermis fontis* 67:3461\*
- Swionibacillus sediminis* 67:3444\*
- Tenacibaculum haliotis* 67:3272\*
- Thermosulfuriphilus ammonigenes* 67:3478\*
- Thermotoga hypogea* 47:1018\* (basonym) ≡  
*Pseudothermotoga hypogea*
- Thioclava marina* corrig. 67:3141  
*Thioclava sediminum* 67:3141
- Tundrisphaera lichenicola* 67:3588\*
- Vagococcus martis* 67:3401\*
- Vibrio palustris* 67:3511\*  
*Vibrio spartinae* 67:3511\*
- Vogesella oryzae* 67:3142
- Winogradskyella flava* 67:3544\*
- Xanthomonas floridensis* 67:3652\*  
*Xanthomonas nasturtii* 67:3652\*