



**LIST OF PROKARYOTIC NAMES  
VALIDLY PUBLISHED**

**in October 2018**

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.

- Actinoplanes ramoplaninifer* 67:4186\*
- Agaribacterium** 67:3822\*  
*Agaribacterium haliotis* 67:3823\*
- Agarilytica** 67:3781\*  
*Agarilytica rhodophyticola* 67:3781\*
- Algoriphagus marisflavi* 67:4172\*
- Allobranchiibius** 67:4214\*  
*Allobranchiibius huperziae* 67:4214\*
- Altererythrobacter deserti* 67:3810\*
- Alteromonas pelagimontana* 67:4036\*
- Anaerotignum** 67:4151\*  
*Anaerotignum aminivorans* 67:4151\*  
*Anaerotignum lactatifermentans* 67:4152\*  
*Anaerotignum neopropionicum* 67:4152\*  
*Anaerotignum propionicum* 67:4151\*
- Bacillus endozanthoxylicus* 67:3703\*
- Bifidobacterium vansinderenii* 67:3994\*
- Borrelia lanei* 67:3873\*
- Caballeronia arationis* 67:3850\*  
*Caballeronia arvi* 67:3850\*  
*Caballeronia calidae* 67:3850\*  
*Caballeronia catudaia* 67:3851\*  
*Caballeronia concitans* 67:3851\*  
*Caballeronia fortuita* 67:3851\*  
*Caballeronia glebae* 67:3851\*  
*Caballeronia hypogeia* 67:3851\*  
*Caballeronia pedi* 67:3851\*  
*Caballeronia peredens* 67:3851\*  
*Caballeronia ptereochthonis* 67:3851\*  
*Caballeronia temeraria* 67:3852\*  
*Caballeronia turbans* 67:3852\*
- Catenovulum sediminis* 67:3897\*
- Chryseomicrobium deserti* 67:4130\*
- Confluentibacter citreus* 67:4011\*
- Consotaella** 67:3750\*  
*Consotaella salsifontis* 67:3750\*
- Croceitalea marina* 67:4258\*
- Croceivirga** 67:3735\*  
*Croceivirga radices* 67:3735\*
- Crocinitomix algicola* 67:4022\*
- Dyella agri* 67:4251\*
- Edaphobacter acidisoli* 67:4264\*
- Elstera cyanobacteriorum* 67:4274\*
- Endozoicomonas acroporae* 67:3796\*
- Erythrobacter arachoides* 67:4238\*
- Flavimarina flava* 67:4244\*
- Flavobacterium ardleyense* 67:3999\*  
*Flavobacterium quisquiliarum* 67:3968\*
- Geofilum rhodophaeum* 67:3916\*
- Guyparkeria** 67:3925\*  
*Guyparkeria halophila* 67:3925\*  
*Guyparkeria hydrothermalis* 67:3926\*
- Halobacterium litoreum* 67:4098\*
- Hydrogenophaga aquatica* 67:3719\*  
*Hydrogenophaga crassostreae* 67:4049\*  
*Hydrogenophaga soli* 67:4203\*
- Hymenobacter frigidus* 67:4124\*
- Hyphococcus** 67:4028\*  
*Hyphococcus flavus* 67:4028\*
- Lactobacillus curtus* 67:3905\*
- Larkinella ripae* 67:3761\*
- Lentibacillus sediminis* 67:3949\*
- Limibaculum** 67:3816\*  
*Limibaculum halophilum* 67:3816\*
- Loktanella acticola* 67:4177\*
- Longimonas haloalkaliphila* 67:4166\*
- Longispora urticae* 67:4231\*
- Luteolibacter gellanilyticus* 67:3956\*

- Maribacter pelagius* 67:3838\*
- Marispirochaeta** 67:3935\*  
*Marispirochaeta aestuarii* 67:3935\*
- Marivibrio** 67:4270\*  
*Marivibrio halodurans* 67:4270\*
- Massilia glaciei* 67:4078\*
- Mesononia maritima* corrig. 67:4285\*  
*Mesononia maritimus* (misspelled), see: (as synonym) ≡  
*Mesononia maritima*
- Microbulbifer aggregans* 67:4092\*
- Mucilagibacter terrae* 67:4005\*
- Mycobacterium aquiterrae* 67:4109\*  
*Mycobacterium chelonae* subsp. *bovis* 67:3886\*
- Mycoplasma tullyi* 67:3697\*
- Natronotalea** 67:4165\*  
*Natronotalea proteinilytica* 67:4165\*
- Neomegalonema** 56:1867\*  
*Neomegalonema perideroedes* 67:4284\*
- Nesterenkonia pannonica* 67:4119\*
- Nocardioides agrisoli* 67:3725\*  
*Nocardioides kandeliae* 67:3892\*  
*Nocardioides litorisoli* 67:4219\*
- Oryzihumus soli* 67:3963\*
- Oryzisolibacter** 67:3755\*  
*Oryzisolibacter propanilivorax* 67:3755\*
- Paludicola** 67:4102\*  
*Paludicola psychrotolerans* 67:4103\*
- Paraburkholderia jirisanensis* 67:3852\*
- Paralkalibacillus** 67:4053\*  
*Paralkalibacillus indicireducens* 67:4053\*
- Parapedobacter lycopersici* 67:3731\*
- Parasphingopyxis algicola* 67:3880\*
- Petrothermobacter** 67:3984\*  
*Petrothermobacter organivorans* 67:3985\*
- Polaribacter insulae* 67:4018\*
- Pontibacterium** 67:3788\*  
*Pontibacterium granulatum* 67:3788\*
- Promicromonospora soli* 67:3831\*
- Propioniciclava sinopodophylli* 67:4113\*
- Pseudokineococcus basanitobsidens* 67:3826\*
- Ramlibacter rhizophilus* 67:3776\*
- Rhizobium esperanzae* 67:3943\*
- Roseomonas aerofrigidensis* 67:4043\*
- Salinifilum** 67:4224\*  
*Salinifilum aidingensis* 67:4224\* (as synonym) ≡  
*Saccharopolyspora aidingensis*  
*Salinifilum ghardaiensis* 67:4225\*  
*Salinifilum proteinilyticum* 67:4224\*
- Salinimicrobium flavum* 67:4086\*
- Saliphagus** 67:4158\*  
*Saliphagus infecundisoli* 67:4159\*
- Sphingobacterium corticis* 67:3862\*
- Sphingomonas antarctica* 67:4066\*  
*Sphingomonas carri* 67:4073\*  
*Sphingomonas frigidaeris* 67:3911\*  
*Sphingomonas jeddahensis* 67:4061\*
- Spirosoma carri* 67:4198\*
- Streptomyces cerasinus* 67:3856\*  
*Streptomyces xylanilyticus* 67:4193\*
- Thalassotalea profundus* 67:3741\*
- Thiomicrothabodus hydrogeniphila* 67:4208\*
- Williamwhitmania** 67:4140\*  
*Williamwhitmania taraxaci* 67:4142\*
- Winogradskyella maritima* 67:3844\*