



**LIST OF PROKARYOTIC NAMES
VALIDLY PUBLISHED**

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compiled by

**Dorothea Gleim, Leibniz-Institut DSMZ - Deutsche Sammlung von Mikroorganismen
und Zellkulturen GmbH
Braunschweig, Germany**

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*^{a,b}. Validly published are all names which are included in the *Approved Lists of Bacterial Names*^{c,d,e,f} 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 ^{a,g}
=	<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> ^{a,g}
corrig.	<i>Streptococcus sanguis</i> [sic], see: <i>Streptococcus sanguinis</i> (corrig.)	orthographic correction

^{a)} International Code of Nomenclature of Bacteria (1990 revision). Lapage, S. P. et al. (eds.), American Society for Microbiology, Washington, D.C. 1992

^{b)} 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.

^{c)} Skerman, V.B.D., McGowan, V., Sneath, P.H.A. (1980). *Approved Lists of Bacterial Names*. *Int. J. Syst. Bacteriol.* **30**, 225-420.

^{d)} 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.

^{e)} Skerman, V.B.D., McGowan, V., Sneath, P.H.A. *Approved Lists of Bacterial Names*. Amended edition. American Society for Microbiology, Washington, 1989.

^{f)} 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.

^{g)} Tindall, B.J. (1999). Taxonomic note. Misunderstanding the Bacteriological Code. *Int.J.Syst.Bacteriol.*, **49**: 1313-1316.

<i>Acidicapsa acidiphila</i> 67:2075	<i>Ehrlichia muris</i> subsp. <i>eauclairensis</i> 67:2125*
<i>Acidicapsa ferrireducens</i> 67:2075	<i>Ehrlichia muris</i> subsp. <i>muris</i> 67:2124*
<i>Acinetobacter colistiniresistens</i> 67:2141*	Enterovirga 67:2075
<i>Algibacter aquaticus</i> 67:2203*	<i>Enterovirga rhinocerotis</i> 67:2075
<i>Algoriphagus marinus</i> 67:2416*	<i>Erythrobacter xanthus</i> 67:2463*
<i>Aliidiomarina sedimenti</i> 67:2091*	<i>Flaviramulus aestuariivivens</i> 67:2340*
<i>Alistipes ihumii</i> 67:2075	<i>Flavitalea antarctica</i> 67:2261*
<i>Anaerococcus pacaensis</i> 67:2075	<i>Flavobacterium keumense</i> 67:2169*
<i>Anaerococcus provencensis</i> corrig. 67:2075	<i>Flavobacterium olei</i> 67:2217*
<i>Anaerococcus rubeinfantis</i> corrig. 67:2075	<i>Flavobacterium soyangense</i> 67:2444*
<i>Arcanobacterium wilhelmae</i> 67:2097*	Galliscardovia 67:2408*
<i>Azohydromonas riparia</i> 67:2075	<i>Galliscardovia ingluviei</i> 67:2409*
<i>Azohydromonas ureilytica</i> 67:2075	<i>Geodermatophilus daqingensis</i> 67:2075
<i>Bacillus jeddahensis</i> 67:2075	<i>Granulicella acidiphila</i> 67:2076
<i>Bacillus mangrovi</i> 67:2224*	<i>Haemophilus massiliensis</i> 67:2076
<i>Bacillus ndiopicus</i> 67:2075	Halodesulfurarchaeum 67:2076
<i>Bifidobacterium apri</i> 67:2354*	<i>Halodesulfurarchaeum formicicum</i> 67:2076
<i>Bizionia sediminis</i> 67:2266*	<i>Helicobacter jaachi</i> 67:2076
<i>Bombella apis</i> 67:2187*	<i>Helicobacter japonicus</i> corrig. 67:2076
<i>Bradyrhizobium cajani</i> 67:2240*	<i>Helicobacter saguini</i> 67:2076
<i>Burkholderia alpina</i> 67:2075	<i>Herpetosiphon giganteus</i> 67:2480*
<i>Clostridium rectum</i> 30:282 (AL) (as synonym) = <i>Fusobacterium mortiferum</i>	<i>Herpetosiphon gulosus</i> 67:2480*
<i>Clostridium tepidum</i> 67:2321*	<i>Hymenobacter daeguensis</i> 67:2076
<i>Corynebacterium jeddahense</i> 67:2075	<i>Hymenobacter tenuis</i> 67:2176*
Cysteiniphilum 67:2181*	<i>Kiloniella antarctica</i> 67:2401*
<i>Cysteiniphilum litorale</i> 67:2182*	<i>Kingella negevensis</i> 67:2375*
	<i>Kitasatospora aburaviensis</i> 67:2076

- Kitasatospora albolonga* 67:2076
Kitasatospora aureofaciens 67:2076
Kitasatospora cinereorecta 67:2076
Kitasatospora herbaricolor 67:2076
Kitasatospora misakiensis 67:2076
Kitasatospora psammotica 67:2076
Kitasatospora purpeofusca 67:2076

Kribbella soli 67:2076

Lentzea cavernae 67:2361*
Lentzea chajnantorensis 67:2076

Leucobacter corticis 67:2251*

Leuconostoc mesenteroides subsp. *jonggajibkimchii*
67:2229*
Leuconostoc mesenteroides subsp. *suionicum*
62:1551* (basonym) ≡ *Leuconostoc suionicum*
Leuconostoc suionicum 67:2230*

Litorivivens aequoris 67:2076

Lysinibacillus telephonicus 67:2294*

Massilia chloroacetimidivorans 67:2076

Megasphaera hexanoica 67:2119*

Merdimonas 67:2434*
Merdimonas faecis 67:2434*

Mesorhizobium helmanticense 67:2304*

Methylophilus quaylei 67:2076

Microbacterium lacusdiani 67:2076

Microvirga arabica 67:2076
Microvirga makkahensis 67:2076

Mobilicoccus caccae 67:2256*

Muricauda marina 67:2450*

Natrinema soli 67:2146*

Nocardioides litoris 67:2336*

Novosphingobium fontis 67:2428*

Occidentia 67:2076
Occidentia massiliensis 67:2076

Oceanibulbus 54:1183* see: *Sulfitobacter*
Oceanibulbus indolifex 54:1183* (basonym) ≡
Sulfitobacter indolifex

Olleya algicola 67:2209*

Paenibacillus ihumii 67:2077
Paenibacillus konkukensis 67:2347*
Paenibacillus polysaccharolyticus 67:2132*
Paenibacillus tritici 67:2315*

Paraburkholderia hiiakae 67:2076
Paraburkholderia metrosideri 67:2076
Paraburkholderia paradisi 67:2076
Paraburkholderia peleae 67:2076

Paracoccus hibiscisoli 67:2457*

Parafilimonas rhizosphaerae 67:2282*

Paraglaucicola hydrolytica 67:2246*

Parapedobacter deserti 67:2151*

Pararhizobium polonicum 67:2077

Paucibacter oligotrophus 67:2235*

Perlucidibaca aquatica 67:2299*

Phaeobacter porticola 67:2158*

Puzihella 67:2388*
Puzihella rosea 67:2388*

- Rhizobium arenae* 67:2102*
- Rhizobium zeae* 67:2310*
- Roseobacter ponti* 67:2193*
- Roseomonas suffusca* 67:2395*
- Salinarchaeum chitinilyticum* 67:2277*
- Salinivirga*** 67:2077
- Salinivirga cyanobacteriivorans* 67:2077
- Sphingobacterium soli* 67:2282*
- Sphingomonas spermidinifaciens* 67:2164*
- Spirosoma luteolum* 67:2077
- Sporolactobacillus shoreicorticis* 67:2368*
- Sporosarcina terrae* 67:2108*
- Streptomyces aburaviensis* 30:368 (AL) (basonym) ≡
Kitasatospora aburaviensis
- Streptomyces albolongus* 30:370 (AL) (basonym) ≡
Kitasatospora albolonga
- Streptomyces aridus* 67:2077
- Streptomyces gamaensis* 67:2077
- Streptomyces herbaricolor* 30:388 (AL) (basonym) ≡
Kitasatospora herbaricolor
- Streptomyces misakiensis* 30:393 (AL) (basonym) ≡
Kitasatospora misakiensis
- Streptomyces psammoticus* 30:397 (AL) (basonym) ≡
Kitasatospora psammotica
- Streptomyces purpeofuscus* 30:397 (AL) (basonym) ≡
Kitasatospora purpeofusca
- Sulfitobacter indolifex* 67:2331*
- Thalassotalea crassostreae* 67:2198*
- Thalassotalea litorea* 67:2272*
- Thioclava nitratireducens* 67:2113*