



**LIST OF PROKARYOTIC NAMES
VALIDLY PUBLISHED
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compiled by

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Notes

This compilation produced by the DSMZ lists the names of prokaryotes which have been validly published in the most recent volume of the *International Journal of Systematic and Evolutionary Microbiology* (IJSEM). Such an update will be issued with the publication of each new edition of the IJSEM. The DSMZ accepts no responsibility for errors.

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

- Acinetobacter apis* 64:3603
- Algoriphagus boseongensis* 64:3603
- Aneurinibacillus soli* 64:3796*
- Aquamicrobium terrae* 64:3603
- Aquibacillus** 64:3621*
- Aquibacillus albus* 64:3621*
- Aquibacillus halophilus* 64:3621*
- Aquibacillus koreensis* 64:3621*
- Bacillus cibi* 55:735* (as synonym) = *Bacillus indicus*
- Bacillus huizhouensis* 64:3603
- Bacillus invictae* 64:3875*
- Bacillus sediminis* 64:3603
- Bacillus shacheensis* 64:3603
- Brevundimonas denitrificans* 64:3714*
- Chitinivibrio** 64:3603
- Chitinivibrio alkaliphilus* 64:3603
- Chryseobacterium oleae* 64:3603
- Citreitalea** 64:3603
- Citreitalea marina* 64:3603
- Clostridium algifaecis* 64:3847*
- Cribrihabitans neustonicus* 64:3902*
- Cricetibacter** 64:3641*
- Cricetibacter osteomyelitidis* 64:3641*
- Desertibacter xinjiangensis* 64:3694*
- Eubacterium bifforme* 30:296 (AL) (basonym) ≡ *Holdemanella biformis*
- Eubacterium cylindroides* 30:297 (AL) (basonym) ≡ *Faecalitalea cylindroides*
- Faecalicoccus** 64:3881*
- Faecalicoccus acidiformans* 64:3882*
- Faecalicoccus pleomorphus* 64:3882*
- Faecalitalea** 64:3883*
- Faecalitalea cylindroides* 64:3883*
- Flavobacterium oryzae* 64:3706*
- Geobacter soli* 64:3790*
- Gordonia jinhuaensis* 64:3603
- Haloarchaeobius litoreus* 64:3603
- Halocynthiibacter** 64:3603
- Halocynthiibacter namhaensis* 64:3604
- Halorubrum salinum* 64:3604
- Holdemanella** 64:3882*
- Holdemanella biformis* 64:3882*
- Leisingera aquaemixtae* 64:3604
- Leisingera caerulea* 64:3604
- Leisingera daeponensis* 64:3604
- Litoreibacter ponti* 64:3815*
- Loktanella ponticola* 64:3722*
- Lysinibacillus composti* 64:3604
- Lysinibacillus varians* 64:3648*
- Mariniphaga** 64:3664*
- Mariniphaga anaerophila* 64:3665*
- Mesocricetibacter** 64:3641*
- Mesocricetibacter intestinalis* 64:3641*
- Mesoflavibacter sabullitoris* 64:3747*
- Micromonospora violae* 64:3604
- Minicystis** 64:3740*
- Minicystis rosea* 64:3740*
- Mycobacterium hippocampi* 64:3604
- Neptunomonas acidivorans* 64:3653*
- Nocardia bhagyanarayanae* corrig. 64:3604
- Nocardioides rubriscoriae* corrig. 64:3604
- Ornithinibacillus heyuanensis* 64:3604
- Paenibacillus guangzhouensis* 64:3895*
- Paenibacillus quercus* 64:3604
- Pedobacter pituitosus* 64:3842*
- Pedobacter xixiisoli* 64:3687*
- Phaeobacter aquaemixtae* 64:1382* (basonym) ≡ *Leisingera aquaemixtae*
- Phaeobacter arcticus* 58:1386* (basonym) ≡ *Pseudophaeobacter arcticus*
- Phaeobacter caeruleus* 59:1213* (basonym) ≡ *Leisingera caerulea*
- Phaeobacter leonis* 63:3305* (basonym) ≡ *Pseudophaeobacter leonis*

Portibacter 64:3604*Portibacter lacus* 64:3604*Prauserella shujinwangii* 64:3836***Pseudophaeobacter** 64:3604*Pseudophaeobacter arcticus* 64:3604*Pseudophaeobacter leonis* 64:3604**Psychrobium** 64:3672**Psychrobium conchae* 64:3672**Rheinheimera arenilitoris* 64:3753**Roseomonas alkaliterrae* 64:3604*Roseovarius gaetbuli* 64:3604*Ruegeria meonggei* 64:3604*Saccharopolyspora ghardaiensis* 64:3604*Salimicrobium jeotgali* 64:3629***Salinispirillum** 64:3614**Salinispirillum marinum* 64:3614***Sedimentitalea** 64:3604*Sedimentitalea nanhaiensis* 64:3604*Simiduia curdlanivorans* 64:3699**Solirubrobacter taibaiensis* 64:3604*Sphingobacterium yanglingense* 64:3866**Sphingomonas gimensis* 64:3604*Spongiibacter borealis* 61:2899* (basonym) ≡*Zhongshania borealis**Sporosarcina siberiensis* 64:3604*Streptococcus oriloxodontae* 64:3758**Streptococcus pleomorphus* 30:368 (AL) (basonym) ≡*Faecalicoccus pleomorphus**Streptomonospora algeriensis* 64:3604*Streptomyces calidiresistens* 64:3605*Streptomyces hokutonensis* 64:3605*Streptomyces panaciradicis* 64:3818**Sulfitobacter geojensis* 64:3764**Sulfitobacter noctilucae* 64:3764**Sulfitobacter noctilucicola* 64:3766**Terrimonas arctica* 64:3802**Thalassomonas fusca* 64:1456 (basonym) ≡
*Thalassotalea fusca**Thalassotalea fusca* 64:3681**Thalassotalea ponticola* 64:3681**Thermococcus cleftensis* 64:3658**Thermococcus paralvinellae* 64:3658**Thermomonas carbonis* 64:3635**Tissierella carlieri* 64:3605*Vibrio thalassae* 64:3605*Virgibacillus albus* 63:3 (basonym) ≡ *Aquibacillus albus**Virgibacillus koreensis* 56:256* (basonym) ≡
*Aquibacillus koreensis**Weissella uvarum* 64:3889**Zhongshania aliphaticivorans* 64:3773**Zhongshania borealis* 64:3773*