



**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*^{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.

- Achromobacter agilis* 66:3714*
Achromobacter deleyi 66:3716*
Achromobacter kerstersii 66:3714*
Achromobacter pestifer 66:3714*
- Acinetobacter lactucaae* 66:3571*
- Actinomadura gamaensis* 66:3761
Actinomadura montaniterrae 66:3314*
- Agathobaculum** 66:3660*
Agathobaculum butyriciproducens 66:3660*
Agathobaculum desmolans 66:3660*
- Agromyces aureus* 66:3753*
- Alcanivorax nanhaiticus* 66:3654*
- Algoriphagus roseus* 66:3564*
- Altererythrobacter buctensis* corrig. 66:3761
- Alteromonas fuliginea* 45:879 (basonym) ≡
Pseudoalteromonas fuliginea
- Aquimarina aggregata* 66:3410*
- Arenimicrobium** 66:3362*
Arenimicrobium luteum 66:3363*
- Aureimonas galii* 66:3352*
Aureimonas pseudogalii 66:3353*
- Bacillus oryzisoli* 66:3436*
- Brevitalea** 66:3363*
Brevitalea aridisoli 66:3363*
Brevitalea deliciosa 66:3364*
- Burkholderia arationis* 66:3761
Burkholderia arvi 66:3761
Burkholderia calidae 66:3761
Burkholderia catudaia 66:3761
Burkholderia concitans 66:3761
- Burkholderia fortuita* 66:3761
Burkholderia glebae 66:3761
Burkholderia hypogeia 66:3761
Burkholderia pedi 66:3761
Burkholderia peredens 66:3761
Burkholderia pterochthonis 66:3762
Burkholderia temeraria 66:3762
Burkholderia turbans 66:3762
- Campylobacter geochelonis* 66:3475*
- Celeribacter ethanolicus* 66:3762
- Cellulosimicrobium marinum* 66:3762
- Chryseomicrobium palamuruense* 66:3735*
- Clostridioides** 66:3762
Clostridioides difficile 66:3762
Clostridioides manganotii 66:3762
- Clostridium difficile* 30:279 (AL)
- Colwellia sediminilitoris* 66:3262*
- Compostibacter** 66:3686*
Compostibacter hankyongensis 66:3686*
- Corynebacterium pollutisoli* 66:3535*
- Dactylosporangium solaniradicis* 66:3762
- Dankookia** 66:3762
Dankookia rubra 66:3762
- Deinococcus arenae* 66:3762
Deinococcus soli 66:3762
- Echinicola rosea* 66:3303*
- Emticicia paludis* 66:3387*
- Enterobacter tabaci* 66:3762

<i>Eubacterium desmolans</i> 36:183* (basonym) ≡ <i>Agathobaculum desmolans</i>	<i>Micromonospora ureilytica</i> 66:3513* <i>Micromonospora vinacea</i> 66:3513*
<i>Flavisolibacter tropicus</i> 66:3418*	<i>Mumia xiangluensis</i> 66:3762
<i>Flavobacterium jejuense</i> corrig. 66:3762 <i>Flavobacterium verecundum</i> 66:3343*	<i>Mycobacterium arcueilense</i> 66:3701* <i>Mycobacterium lutetiense</i> 66:3700* <i>Mycobacterium montmartrense</i> 66:3701*
<i>Flexivirga endophytica</i> 66:3391* <i>Flexivirga lutea</i> 66:3598*	<i>Mycoplasma ciconiae</i> 66:3482*
Haematospirillum 66:3762 <i>Haematospirillum jordaniae</i> 66:3762	<i>Neisseria musculi</i> 66:3592*
<i>Halobacillus salicampi</i> 66:3762	<i>Nocardia shinanonensis</i> 66:3327*
<i>Halolamina litorea</i> 66:3762	<i>Novosphingobium flavum</i> 66:3648*
<i>Hymenobacter coalescens</i> 66:3550*	Oceanihabitans 66:3403* <i>Oceanihabitans sediminis</i> 66:3404*
<i>Jeotgalicoccus schoeneichii</i> 66:3507*	<i>Paenibacillus aceti</i> 66:3430* <i>Paenibacillus salinicaeni</i> 66:3762 <i>Paenibacillus segetis</i> 66:3706*
<i>Kocuria pelophila</i> 66:3279*	<i>Pandoraea terrae</i> 66:3529*
<i>Kroppenstedtia pulmonis</i> 66:3762 <i>Kroppenstedtia sanguinis</i> 66:3762	<i>Paracoccus acridae</i> 66:3496*
<i>Lentibacillus kimchii</i> 66:3762	<i>Parvularcula flava</i> 66:3502*
Longibacter 66:3291* <i>Longibacter salinarum</i> 66:3291*	<i>Phenyllobacterium aquaticum</i> 66:3523*
<i>Lutimaribacter marinistellae</i> 66:3680*	<i>Photobacterium sanguinancrui</i> 66:3762
Marinicrinis 66:3728* <i>Marinicrinis sediminis</i> 66:3729*	Populibacterium 66:3747* <i>Populibacterium corticicola</i> 66:3747*
<i>Marinobacterium zhoushanense</i> 66:3441*	<i>Propionibacterium namnetense</i> 66:3398*
<i>Massilia pinisoli</i> 66:3673*	<i>Pseudoalteromonas fuliginea</i> 66:3741* <i>Pseudoalteromonas gelatinilytica</i> 66:3544* <i>Pseudoalteromonas neustonica</i> 66:3381*
<i>Microlunatus nigrindraconis</i> 66:3617*	Pseudobacter 66:3453*
<i>Micromonospora noduli</i> 66:3513*	

- Pseudobacter ginsenosidimutans* 66:3453* *Undibacterium danionis* 66:3630*
- Pseudogracilibacillus marinus* 66:3448* ***Varunaivibrio*** 66:3583*
Varunaivibrio sulfuroxidans 66:3583*
- Pseudotenacibaculum*** 66:3723* *Vitellibacter aquimaris* 66:3667*
Pseudotenacibaculum haliotis 66:3723*
- Pyrodictium delaneyi* 66:3374* *Wenyingzhuangia fucanilytica* 66:3274*
- Rhizorhabdus dicambivorans* 66:3322* *Zeaxanthinibacter aestuarii* 66:3268*
- Rhodovulum algae* 66:3371*
- Risungbinella massiliensis* 66:3763
- Roseimaritima*** 66:3763
Roseimaritima ulvae 66:3763
- Rubripirellula*** 66:3763
Rubripirellula obstinata 66:3763
- Rubrivirga profundi* 66:3257*
- Sedimentitalea todarodis* 66:3298*
- Sphingobacterium populi* 66:3461*
- Sphingomonas zeicaulis* 66:3759*
- Streptococcus pantholopis* 66:3285*
- Streptomyces adustus* 66:3577*
Streptomyces rhizosphaerihabitans 66:3577*
Streptomyces verrucosisorus 66:3612*
- Sulfuriflexus*** 66:3517*
Sulfuriflexus mobilis 66:3517*
- Taeania*** 66:3555*
Taeania maliponensis 66:3556*
- Thiomicrospira hydrogeniphila* 66:3692*
- Tsakamurella serpentis* 66:3335*