



**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,9}
=	<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,9}
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

- Actinotalea ferrariae* 63:3402*
- Aequorivita viscosa* 63:3195*
- Algibacter aestuarii* 63:3499*
Algibacter agarilyticus 63:3499*
Algibacter agarivorans 63:3499*
- Asinibacterium** 63:3183*
Asinibacterium lactis 63:3184*
- Bacillus abyssalis* 63:3131
Bacillus salsus 63:3328*
- Bifidobacterium crudilactis* 63:3131
- Blastococcus endophyticus* 63:3273*
- Bradyrhizobium diazoefficiens* 63:3349*
- Brevibacillus massiliensis* 63:3131
- Brevibacterium jeotgali* 63:3435*
Brevibacterium senegalense 63:3131
- Chiayiivirga** 63:3298*
Chiayiivirga flava 63:3298*
- Chryseobacterium carnipullorum* 63:3247*
- Cyclobacterium caenipelagi* 63:3162*
- Desulfonatronum alkalitolerans* 63:3131
- Devosia epidermidihirudinis* 63:3131
- Dyella jiangningensis* 63:3157*
- Edwardsiella piscicida* 63:3131
- Ferrimonas pelagia* 63:3178*
- Flavobacterium akiainvivens* 63:3285*
Flavobacterium aquaticum 63:3468*
Flavobacterium hauense 63:3241*
- Geodermatophilus normandii* 63:3441*
- Geojedonia** 63:3131
Geojedonia litorea 63:3131
- Halarchaeum rubridurum* 63:3146*
- Halomonas nanhaiensis* 63:3131
- Halopenitus malekzadehii* 63:3235*
- Herbaspirillum psychrotolerans* 63:3201*
- Hoeflea halophila* 63:3131
- Hwangdonia** 63:3189*
Hwangdonia seohaensis 63:3190*
- Ilumatobacter coccineum* 63:3408*
Ilumatobacter nonamiense 63:3408*
- Jejudonia** 63:3131
Jejudonia soesokkakensis 63:3131
- Kaistia hirudinis* 63:3212*
- Kribbella shirazensis* 63:3373*
- Lactobacillus yonginensis* 63:3278*
- Listeria fleischmannii* 63:530* divided into subspecies
Listeria fleischmannii subsp. *coloradonensis* 63:3266*
Listeria fleischmannii subsp. *fleischmannii* 63:3266*
- Litoreibacter halocynthiae* 63:3368*
- Litoribacter alkaliphilus* 63:3462*
- Litorimonas cladophorae* 63:3131
- Luteimonas huabeiensis* 63:3357*
- Lysinibacillus contaminans* 63:3152*
- Lysobacter oligotrophicus* 63:3317*
- Maribacter aestuarii* 63:3413*
- Marinifilum flexuosum* 63:3131
- Marinivirga aestuarii* 63:1529* (basonym) ≡ *Algibacter aestuarii*
- Marinobacter persicus* 63:3132
- Marinococcus tarijensis* 63:3322*
- Marinoscillum luteum* 63:3479*
- Melioribacter** 63:3132
Melioribacter roseus 63:3132
- Methylobacterium brachytheticii* 63:3291*
Methylobacterium haplocladii 63:3291*
- Micromonospora halotolerans* 63:3132
- Mongoliicoccus alkaliphilus* 63:3461*
- Mucilagibacter calamicampi* 63:3132

- Mucilaginibacter gynuensis* 63:3230*
- Muricauda antarctica* 63:3455*
- Mycetocola zhadangensis* 63:3378*
- Nguyenibacter** 63:3132
Nguyenibacter vanlangensis 63:3132
- Niabella drilacis* 63:3492*
Niabella hirudinis 63:3491*
- Oceanobacillus polygoni* 63:3311*
- Paenibacillus thermoaerophilus* 63:3334*
- Parabacteroides chinchillae* 63:3473*
- Pelagicola litorisediminis* 63:3132
- Phaeobacter leonis* 63:3305*
- Pseudomonas formosensis* 63:3172*
- Reyranella soli* 63:3167*
- Rhizobium calliandrae* 63:3428*
Rhizobium jaguaris 63:3428*
Rhizobium mayense 63:3428*
- Sphingobium sufflavum* 63:3449*
- Sphingomicrobium astaxanthinifaciens* 63:3421*
- Sphingomonas canadensis* 63:3218*
- Spirochaeta caldaria* 45:880 (basonym) ≡ *Treponema caldarium*
Spirochaeta stenostrepta 30:364 (AL) (basonym) ≡ *Treponema stenostreptum*
Spirochaeta zuelzeriae 30:594* (basonym) ≡ *Treponema zuelzeriae*
- Staphylococcus jettensis* 63:3254*
- Streptomyces aidingensis* 63:3207*
Streptomyces hundungensis 63:3132
Streptomyces tsukubensis 63:3132
- Sulfurospirillum alkalitolerans* 63:3132
- Tenacibaculum xiamenense* 63:3485*
- Texcoconibacillus** 63:3340*
Texcoconibacillus texcoconensis 63:3340*
- Thermomarinilinea** 63:3132
Thermomarinilinea lacunifontana corrig. 63:3132
- Thermus tengchongensis* 63:3132
- Treponema caldarium* corrig. 63:3132
Treponema stenostreptum corrig. 63:3132
Treponema zuelzeriae 63:3132
- Tumebacillus flagellatus* 63:3142*
- Virgibacillus halotolerans* 63:3362*
- Xenorhabdus khoisanae* 63:3223*