



**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*<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.

*Achromobacter aloeverae* 67:40\*

**Acidibacter** 67:1

*Acidibacter ferrireducens* 67:1

*Advenella kashmirensis* subsp. *kashmirensis* 67:1

*Advenella kashmirensis* subsp. *methylica* 67:1

*Aliidiomarina sanyensis* 67:1

*Bacillus halotolerans* 67:176\*

*Bacillus maritimus* 67:65\*

*Bacillus oryztterrae* 67:1

*Bacillus vini* 67:1

*Brevibacterium halotolerans* 30:268 (AL) (basonym) ≡  
*Bacillus halotolerans*

*Burkholderia aspalathi* 64:1910\* (basonym) ≡  
*Paraburkholderia aspalathi*

*Burkholderia caballeronis* 64:1455 (basonym) ≡  
*Paraburkholderia caballeronis*

*Burkholderia rhynchosiae* 63:3948\* (basonym) ≡  
*Paraburkholderia rhynchosiae*

*Citrobacter europaeus* 67:172\*

*Colwellia mytili* 67:35\*

*Deinococcus ruber* 67:75\*

*Desulfovibrio acrylicus* 47:242 (as synonym) =  
*Halodesulfovibrio aestuarii*

*Desulfovibrio desulfuricans* subsp. *aestuarii* 30:290  
(AL) (basonym) ≡ *Halodesulfovibrio aestuarii*

*Desulfovibrio marinisediminis* 58:2437\* (basonym) ≡  
*Halodesulfovibrio marinisediminis*

*Desulfovibrio oceani* subsp. *galatae* 62:2550  
(basonym) ≡ *Halodesulfovibrio oceani* subsp. *galatae*  
*Desulfovibrio oceani* subsp. *oceani* 62:2550 (basonym)  
≡ *Halodesulfovibrio oceani* subsp. *oceani*

**Extibacter** 67:1

*Extibacter muris* 67:1

*Flavobacterium eburneum* 67:58\*

*Flavobacterium gilvum* 67:155\*

*Flavobacterium inkyongense* 67:86\*

*Flavobacterium orientale* 67:111\*

**Formosimonas** 67:22\*

*Formosimonas limnophila* 67:22\*

**Gabonibacter** 67:1

*Gabonibacter massiliensis* 67:1

**Halodesulfovibrio** 67:91\*

*Halodesulfovibrio aestuarii* 67:92\*

*Halodesulfovibrio marinisediminis* 67:92\*

*Halodesulfovibrio oceani* subsp. *galatae* 67:92\*

*Halodesulfovibrio oceani* subsp. *oceani* 67:92\*

*Halodesulfovibrio spirochaetisodalis* 67:92\*

*Halomonas caseinilytica* 58:1261\*

**Haloprofundus** 67:14\*

*Haloprofundus marisrubri* 67:15\*

*Kibdelosporangium metalli* 67:106\*

*Kocuria oceani* 67:168\*

**Longibaculum** 67:1

*Longibaculum muris* 67:1

*Lysinibacillus alkalisoli* 67:70\*

*Lysinibacillus endophyticus* 67:1

**Marimonas** 67:125\*

*Marimonas arenosa* 67:125\*

*Marinococcus salis* 67:1

*Methylopila turkensis* corrig. 67:1

*Micromonospora luteifusca* 67:2

*Microvirga ossetica* 67:100\*

*Microvirga soli* 67:131\*

*Vibrio sonorensis* 67:2

*Nitrosomonas stercoris* 67:2

*Virgibacillus jeotgali* 67:163\*

*Nocardia lasii* 67:2

*Nonlabens halophilus* 67:142\*

*Olivibacter composti* 67:152\*

*Paraburkholderia aspalathi* 67:2

*Paraburkholderia caballeronis* 67:2

*Paraburkholderia rhynchosiae* 67:2

*Polaribacter vadi* 67:147\*

*Pseudomonas cerasi* 67:2

*Roseovarius aestuariivivens* 67:29\*

**Soortia** 67:118\*

*Soortia roseihalophila* 67:119\*

*Streptomyces capparidis* 67:136\*

*Streptomyces fuscichromogenes* 67:80\*

*Streptomyces krungchingensis* 67:53\*

*Streptomyces zhihengii* 67:2

**Telluribacter** 67:2

*Telluribacter humicola* 67:2

**Thalassiella** 67:2

*Thalassiella azotivora* corrig. 67:2

*Tsukamurella carboxydivorans* 59:1544\* (as synonym)

= *Tsukamurella tyrosinosolvans*

*Tsukamurella spongiae* 57:1480\* (as synonym) =

*Tsukamurella pulmonis*

*Tsukamurella sunchonensis* 58:1993 (as synonym) =

*Tsukamurella pseudospumae*

**Turicimonas** 67:2

*Turicimonas muris* 67:2

*Varibaculum anthropi* 67:2