



**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*<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

- Acetobacter lambici* 64:1088\*
- Aerococcus vaginalis* 64:1235\*
- Albidiferax ferrireducens* corrig. 59:2647 (as synonym) ≡ *Rhodofex ferrireducens*
- Aliidiomarina maris* 64:1338\*
- Aliidiomarina shirensis* 64:1338\*
- Alloactinosynnema iranicum* 64:1178\*
- Anaerobacterium** 64:1302\*
- Anaerobacterium chartisolvens* 64:1302\*
- Bacteroides cellulosolvens* 34:185\* (basonym) ≡ *Pseudobacteroides cellulosolvens*
- Burkholderia dilworthii* 64:1094\*
- Burkholderia eburnea* 64:1113\*
- Carboxylicivirga** 64:1355\*
- Carboxylicivirga mesophila* 64:1357\*
- Carboxylicivirga taeanensis* 64:1357\*
- Celeribacter marinus* 64:1326\*
- Chitinimonas viridis* 64:1126\*
- Chitinophaga costaii* 64:1242\*
- Chryseobacterium contaminans* 64:1425\*
- Chryseobacterium gallinarum* 64:1425\*
- Crenotalea** 64:1363\*
- Crenotalea thermophila* 64:1363\*
- Cribrihabitans** 64:1261\*
- Cribrihabitans marinus* 64:1261\*
- Cytophaga fermentans* 30:289 (AL) (basonym) ≡ *Saccharicrinis fermentans*
- Gluconobacter cerevisiae* 64:1140\*
- Idiomarina maris* 62:374\* (basonym) ≡ *Aliidiomarina maris*
- Labrenzia suaedae* 64:1120\*
- Leuconostoc gasicomitatum* 51:263 (basonym) ≡ *Leuconostoc gelidum* subsp. *gasicomitatum*
- Leuconostoc gelidum* subsp. *aenigmaticum* 64:1294\*
- Leuconostoc gelidum* subsp. *gasicomitatum* 64:1294\*
- Leuconostoc gelidum* subsp. *gelidum* 64:1294\*
- Luteimicrobium xylanilyticum* 64:1404\*
- Methylomonas lenta* 64:1216\*
- Mucilaginibacter flavus* 64:1308\*
- Mucilaginibacter polytrichastri* 64:1399\*
- Nonomuraea fuscirosea* 64:1106\*
- Novosphingobium malaysiense* 64:1200\*
- Oceanisphaera profunda* 64:1255\*
- Oceanobacillus limi* 64:1288\*
- Oceanobacillus pacificus* 64:1282\*
- Paenibacillus darwinianus* 64:1410\*
- Paenibacillus doosanensis* 64:1275\*
- Paenibacillus lentus* 64:1171\*
- Pararhodospirillum** 64:1156\*
- Pararhodospirillum oryzae* 64:1158\*
- Pararhodospirillum photometricum* 64:1158\*
- Pararhodospirillum sulfurexigens* 64:1158\*
- Pedobacter nutrimenti* 64:1315\*
- Pelistega indica* 64:1393\*
- Phaeobacter aquaemixtae* 64:1382\*
- Planobispora takensis* 64:1184\*
- Pseudobacteroides** 64:1302\*
- Pseudobacteroides cellulosolvens* 64:1302\*
- Ramlibacter solisilvae* 64:1321\*
- Raoultella electrica* 64:1387\*
- Rheinheimera hassiensis* 64:1207\*
- Rheinheimera muenzenbergensis* 64:1207\*
- Rheinheimera tuosuensis* 64:1147\*
- Rhizobium rhizoryzae* 64:1376\*
- Rhizorhabdus** 64:1348\*
- Rhizorhabdus argentea* 64:1349\*
- Rhizorhapis** 64:1347\*
- Rhizorhapis suberifaciens* 64:1348\*
- Rhodofex ferrireducens* 53:673\* should be used instead of *Albidiferax ferrireducens* corrig. 59:2647
- Rhodofex saidenbachensis* 64:1192\*
- Rhodospirillum oryzae* 63:3054\* (basonym) ≡ *Pararhodospirillum oryzae*

*Rhodospirillum photometricum* 30:358 (AL) (basonym) ≡ *Pararhodospirillum photometricum*  
*Rhodospirillum sulfurexigens* 58:2919\* (basonym) ≡ *Pararhodospirillum sulfurexigens*

*Roseomonas rhizosphaerae* 64:1131\*

**Saccharicrinis** 64:1357\*  
*Saccharicrinis fermentans* 64:1357\*

*Sediminibacterium goheungense* 64:1332\*

*Solimonas terrae* 64:1222\*

*Sphaerisporangium rufum* 64:1081\*

*Sphingobium mellinum* 64:1349\*  
*Sphingobium suberifaciens* 63:741\* (basonym) ≡ *Rhizorhapis suberifaciens*  
*Sphingobium xanthum* 64:1349\*

*Sphingomonas daechungensis* 64:1416\*

*Streptomyces barkulensis* 64:1370\*  
*Streptomyces zhaozhouensis* 64:1100\*

*Thalassomonas agariperforans* 61:2576\* (basonym) ≡ *Thalassotalea agariperforans*  
*Thalassomonas agarivorans* 56:1248\* (basonym) ≡ *Thalassotalea agarivorans*  
*Thalassomonas ganghwensis* 54:380\* (basonym) ≡ *Thalassotalea ganghwensis*  
*Thalassomonas loyana* 56:367\* (basonym) ≡ *Thalassotalea loyana*

*Thalassospira povalilytica* 64:1152\*

**Thalassotalea** 64:1227\*  
*Thalassotalea agariperforans* 64:1227\*  
*Thalassotalea agarivorans* 64:1227\*  
*Thalassotalea ganghwensis* 64:1227\*  
*Thalassotalea loyana* 64:1227\*  
*Thalassotalea piscium* 64:1228\*

**Thermoflavifilum** 64:1268\*  
*Thermoflavifilum aggregans* 64:1268\*

*Thermogemmatispora carboxidivorans* 64:1250\*

*Vallitalea pronyensis* 64:1164\*