



**LIST OF PROKARYOTIC NAMES
VALIDLY PUBLISHED
in May 2014**

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.

⁹ Tindall, B.J. (1999). Taxonomic note. Misunderstanding the Bacteriological Code. *Int.J.Syst.Bacteriol.*, 49: 1313-1316

- Acinetobacter harbinensis* 64:1513*
- Actinoplanes lutulentus* 64:1786*
- Algisphaera** 64:1455
Algisphaera agarilytica 64:1455
- Ancylobacter defluvii* 64:1455
- Asaccharospora** 64:1613*
Asaccharospora irregularis 64:1613*
- Bacillus enclensis* 64:1455
Bacillus ligniniphilus 64:1717*
Bacillus luteus 64:1584*
Bacillus solimangrovi 64:1627*
Bacillus xiamenensis 64:1455
- Bacteroides luti* 64:1773*
- Bartonella florencae* 64:1455
Bartonella senegalensis 64:1455
- Brachybacterium huguangmaarensense* 64:1676*
- Burkholderia caballeronis* 64:1455
- Canibacter** 64:1638*
Canibacter oris 64:1639*
- Chryseobacterium aahli* 64:1578*
Chryseobacterium arachidis 64:1455
Chryseobacterium geocarposphaerae 64:1455
Chryseobacterium zeae 64:1455
- Clavibacter michiganensis* subsp. *phaseoli* 64:1755*
- Clostridium bartlettii* 54:1425 (basonym) ≡
Intestinibacter bartlettii
Clostridium irregulare corrig. 30:280 (AL) (basonym) ≡
Asaccharospora irregularis
Clostridium lituseburense 30:280 (AL) (basonym) ≡
Romboutsia lituseburenensis
Clostridium mayombei 42:191 (basonym) ≡
Terrisporobacter mayombei
- Cohnella rhizosphaerae* 64:1815*
- Desulfonatronum buryatense* 64:1455
- Draconibacterium** 64:1694*
Draconibacterium orientale 64:1695*
- Fictibacillus enclensis* 64:1455
- Flavobacterium kyungheense* corrig. 64:1455
Flavobacterium kyungheensis (misspelled), see:
Flavobacterium kyungheense
- Flavobacterium longum* 64:1493*
Flavobacterium urocaniciphilum 64:1493*
- Gluconacetobacter kakiaceti* 62:1468* (basonym) ≡
Komagataeibacter kakiaceti
Gluconacetobacter maltaceti 63:1577 (basonym) ≡
Komagataeibacter maltaceti
Gluconacetobacter medellinensis 63:1124* (basonym)
≡ *Komagataeibacter medellinensis*
- Halobellus litoreus* 64:1455
- Halococcus sediminicola* 64:1455
- Halomicroarcula limicola* 64:1751*
- Halomonas songnenensis* 64:1668*
- Haloplanus salinus* 64:1455
- Halorubrum halophilum* 64:1456
Halorubrum rubrum 64:1456
- Hydrogenispora** 64:1761*
Hydrogenispora ethanolica 64:1761*
- Hymenobacter tibetensis* 64:1456
- Intestinibacter** 64:1612*
Intestinibacter bartlettii 64:1612*
- Jeotgalibaca** 64:1734*
Jeotgalibaca dankookensis 64:1734*
- Komagataeibacter kakiaceti* 64:1671*
Komagataeibacter maltaceti 64:1671*
Komagataeibacter medellinensis 64:1671*
- Lactobacillus rodentium* 64:1531*
- Maricoccus atlantica* (misspelled), see: *Oceanococcus atlanticus*
- Methanobacterium paludis* 64:1478*
- Methylopila oligotropha* 64:1456
- Moheibacter** 64:1486*
Moheibacter sediminis 64:1486*
- Mucilaginibacter auburnensis* 64:1740*
- Mumia** 64:1465*
Mumia flava 64:1465*
- Natronomonas gomsonensis* 64:1456
- Nocardia sungurluensis* 64:1633*

- Noviherbaspirillum suwonense* 64:1557*
- Oceanobacillus luteolus* 64:1499*
- Oceanococcus** 64:1456
Oceanococcus atlanticus 64:1456
- Ornithinibacillus halotolerans* 64:1688*
- Paenibacillus relictisesami* 64:1538*
Paenibacillus shirakamiensis 64:1768*
- Paenochrobactrum pullorum* 64:1727*
- Paracoccus communis* 64:1456
- Pedobacter jejuensis* 64:1793*
- Photorhabdus heterorhabditis* 64:1543*
- Polaribacter atrinae* 64:1660*
- Pontibacter soli* 64:1456
- Pseudocitrobacter** 64:1456
Pseudocitrobacter anthropi 64:1456
Pseudocitrobacter faecalis 64:1456
- Pseudomaricurvus** 64:1456
Pseudomaricurvus alkylphenolicus 64:1456
- Pseudonocardia cypriaca* 64:1707*
Pseudonocardia hierapolitana 64:1707*
Pseudonocardia kujensis 64:1709*
Pseudonocardia salamisensis 64:1709*
- Psychroglaciacola** 64:1822*
Psychroglaciacola arctica 64:1823*
- Puniceibacterium** 64:1570*
Puniceibacterium antarcticum 64:1570*
- Rhizobium azibense* 64:1505*
Rhizobium endolithicum 64:1456
- Romboutsia** 64:1611*
Romboutsia ilealis 64:1611*
Romboutsia lituseburensis 64:1611*
- Roseivivax roseus* 64:1746*
- Roseomonas tokyonensis* 64:1456
- Saccharopolyspora indica* 64:1563*
- Salegentibacter chungangensis* 64:1518*
- Salinarubrum** (misspelled), see: *Salinirubrum*
Salinarubrum litoreum (misspelled), see: *Salinirubrum litoreum*
- Salinirubrum** 64:1456
Salinirubrum litoreum 64:1456
- Sinibacillus** 64:1651*
Sinibacillus soli 64:1652*
- Sneathiella chungangensis* 64:1471*
- Sphingobacterium ginsenosidimutans* 64:1456
- Sphingomonas guangdongensis* 64:1701*
Sphingomonas oligoaromativorans 64:1683*
- Streptococcus phocae* subsp. *phocae* 64:1779*
Streptococcus phocae subsp. *salmonis* 64:1780*
- Streptomyces fukangensis* 64:1456
Streptomyces graminisoli 64:1550*
Streptomyces rhizophilus 64:1550*
Streptomyces tunisiensis 64:1456
- Sulfurisoma** 64:1591*
Sulfurisoma sediminicola 64:1591*
- Tahibacter** 64:1456
Tahibacter aquaticus 64:1456
- Taibaiella chishuiensis* 64:1799*
- Terrimicrobium** 64:1722*
Terrimicrobium sacchariphilum 64:1722*
- Terrisporobacter** 64:1612*
Terrisporobacter glycolicus 64:1612*
Terrisporobacter mayombeii 64:1613*
- Thalassomonas fusca* 64:1456
- Thermococcus nautili* 64:1807*
- Thermotunica** 64:1595*
Thermotunica guangxiensis 64:1597*
- Ureibacillus defluvii* 64:1621*
- Vibrio cortegadensis* 64:1456
Vibrio ostreicida 64:1645*
- Winogradskyella wandonensis* 64:1524*
- Wohlfahrtimonas larvae* 64:1456