



**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.

Acetobacter musti 66:960**Acinetobacter equi* 66:887***Actinorectispora** 66:943**Actinorectispora indica* 66:944**Advenella alkanexedens* 66:911***Aetherobacter** 66:936**Aetherobacter fasciculatus* 66:936**Aetherobacter rufus* 66:937***Agathobacter** 66:772**Agathobacter rectalis* 66:772**Agathobacter ruminis* 66:772**Ahrensia marina* 66:879**Aquitalea pelogenes* 66:966**Arcobacter pacificus* 66:546***Athalassotoga** 66:1048**Athalassotoga saccharophila* 66:1049**Bacillus cavernae* 66:805**Bacillus cucumis* 66:1043**Bacillus ectoiniformans* 66:621**Bacillus oceani* 66:799**Brevibacillus gelatini* 66:717**Brevibacillus sediminis* 66:552**Chryseobacterium frigidum* 66:614**Clostridium histolyticum* 30:280 (AL) (basonym) ≡
*Hathewayia histolytica**Clostridium limosum* 30:280 (AL) (basonym) ≡
*Hathewayia limosa**Clostridium liquoris* 66:753**Clostridium maximum* 66:1012**Clostridium moniliforme* 66:1013**Clostridium proteolyticum* 38:328 (basonym) ≡*Hathewayia proteolytica**Clostridium tarantellae* 66:1013**Clostridium ventriculi* 66:1013***Cnuibacter** 66:685**Cnuibacter physcomitrellae* 66:687**Comamonas piscis* 66:784***Confluentibacter** 66:871**Confluentibacter lentus* 66:872**Deferrisoma palaeochoriense* 66:835**Deinococcus actinosclerus* 66:1007**Desulfotomaculum reducens* 66:766***Dissulfurimicrobium** 66:1025**Dissulfurimicrobium hydrothermale* 66:1026**Domibacillus iocasae* 66:987***Egicoccus** 66:534**Egicoccus halophilus* 66:534**Enterobacter bugandensis* 66:973**Erwinia endophytica* 66:980**Eubacterium moniliforme* 30:297 (AL) (basonym) ≡
*Clostridium moniliforme**Eubacterium rectale* 30:298 (AL) (basonym) ≡
*Agathobacter rectalis**Eubacterium tarantellae* corrig. 30:298 (AL) (basonym)
≡ *Clostridium tarantellae***Fabivirga** 66:1098**Fabivirga thermotolerans* 66:1098**Flavitalea soli* 66:565***Flexilinea** 66:993**Flexilinea flocculi* 66:995*

Glaciimonas frigoris 66:748*

Haloimpatiens 66:631*

Haloimpatiens lingqiaonensis 66:631*

Halomonas garicola 66:736*

Halosiccatus 66:729*

Halosiccatus urmianus 66:729*

Hathewayia 66:1013*

Hathewayia histolytica 66:1014*

Hathewayia limosa 66:1015*

Hathewayia proteolytica 66:1015*

Hymenobacter monticola 66:815*

Ichthyobacterium 66:585*

Ichthyobacterium seriolicida 66:585*

Ideonella paludis 66:1056*

Inmirania 66:705*

Inmirania thermothiophila 66:705*

Kocuria arsenatis 66:1031*

Lachnotalea 66:778*

Lachnotalea glycerini 66:778*

Lacinutrix gracilariae 66:591*

Luteimonas notoginsengisoli 66:949*

Luteimonas pelagia 66:651*

Marimicrobium 66:860*

Marimicrobium arenosum 66:861*

Marivivens 66:670*

Marivivens donghaensis 66:671*

Massilia violacea 66:710*

Mesorhizobium calcicola 66:794*

Mesorhizobium kowhainii 66:794*

Mesorhizobium newzealandense 66:794*

Mesorhizobium sophorae 66:794*

Mesorhizobium waitakense 66:794*

Micromonospora ovatispora 66:891*

Monashia 66:556*

Monashia flava 66:559*

Mongoliibacter 66:1093*

Mongoliibacter ruber 66:1093*

Niveibacterium 66:1000*

Niveibacterium umoris 66:1001*

Nonomuraea gerenzanensis 66:920*

Nonomuraea thermotolerans 66:898*

Novosphingobium colocasiae 66:678*

Paenibacillus cavernae 66:602*

Paenibacillus etheri 66:866*

Paenibacillus marchantiophytorum 66:759*

Paenibacillus nasutitermitis 66:904*

Paenibacillus radialis 66:810*

Paludisphaera 66:842*

Paludisphaera borealis 66:843*

Parviterribacter 66:660*

Parviterribacter kavangonensis 66:660*

Parviterribacter multiflagellatus 66:661*

Pontibacter ummariensis 66:1085*

Pseudorhodobacter psychrotolerans 66:1072*

Roseovarius atlanticus 66:642*

Saccharibacillus deserti 66:627*

Saccharothrix stipae 66:1020*

Salinicola rhizosphaerae 66:1078*

Sarcina 30:361 (AL) see: *Clostridium*

Sarcina maxima 30:361 (AL) (basonym) ≡ *Clostridium maximum*

Sarcina ventriculi 30:361 (AL) (basonym) ≡ *Clostridium ventriculi*

Sellimonas 66:955*

Sellimonas intestinalis 66:955*

Streptococcus oricebi 66:1066*

Streptomyces spongiicola 66:742*

Streptosporangium algeriense 66:1037*

Tagaea 66:596*

Tagaea marina 66:596*

Tessaracoccus rhinocerotis 66:926*

Testudinibacter 66:571*

Testudinibacter aquarius 66:571*

Thalassobius abyssi 66:578*

Thermostilla 66:637*

Thermostilla marina 66:637*

Tianweitania 66:721*

Tianweitania sediminis 66:723*

Vogesella facilis 66:822*