



**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.

- Actibacterium ureilyticum* 66:2773*
- Actinorhabdospora** 66:3074*
Actinorhabdospora filicis 66:3076*
- Agarivorans aestuarii* 66:3123*
- Albibacter helveticus* 66:2829*
- Allohadella** 66:3211*
Allohadella antarctica 66:3212*
Allohadella marinimesophila 66:3212*
- Ammoniphilus resinae* 66:3015*
- Anaerocolumna** 66:2942*
Anaerocolumna aminovalerica 66:2942*
Anaerocolumna cellulositytica 66:2942*
Anaerocolumna jejuensis 66:2942*
Anaerocolumna xylanovorans 66:2942*
- Anaerotaenia** 66:2941*
Anaerotaenia torta 66:2941*
- Anoxybacillus geothermalis* 66:2950*
- Aureisphaera salina* 66:3003*
- Bacillus nakamurai* 66:2990*
- Bradyrhizobium stylosanthis* 66:3086*
- Burkholderia choica* 63:4713* (basonym) ≡
Caballeronia choica
Burkholderia cordobensis 64:2007* (basonym) ≡
Caballeronia cordobensis
Burkholderia dipogonis 65:4721* (basonym) ≡
Paraburkholderia dipogonis
Burkholderia ginsengiterrae 65:3764 (basonym) ≡
Paraburkholderia ginsengiterrae
Burkholderia humisilvae 65:2991* (basonym) ≡
Paraburkholderia humisilvae
Burkholderia insulsa 65:193* (basonym) ≡
Paraburkholderia insulsa
Burkholderia jiangsuensis 64:3252* (basonym) ≡
- Caballeronia jiangsuensis*
Burkholderia kirstenboschensis 66:2463 (basonym) ≡
Paraburkholderia kirstenboschensis
Burkholderia megalochromosomata 65:963* (basonym) ≡
Caballeronia megalochromosomata
Burkholderia metalliresistens 65:2777 (basonym) ≡
Paraburkholderia metalliresistens
Burkholderia monticola 65:508* (basonym) ≡
Paraburkholderia monticola
Burkholderia panaciterrae 65:3764 (basonym) ≡
Paraburkholderia panaciterrae
Burkholderia rhizosphaerae 65:2991* (basonym) ≡
Paraburkholderia rhizosphaerae
Burkholderia solisilvae 65:2991* (basonym) ≡
Paraburkholderia solisilvae
Burkholderia susongensis 65:1036* (basonym) ≡
Paraburkholderia susongensis
Burkholderia telluris 63:4716* (basonym) ≡
Caballeronia telluris
Burkholderia terrestris 63:4717* (basonym) ≡
Caballeronia terrestris
Burkholderia udeis 63:4716* (basonym) ≡
Caballeronia udeis
- Caballeronia** 66:2843*
Caballeronia choica 66:2843*
Caballeronia cordobensis 66:2843*
Caballeronia glathei 66:2843*
Caballeronia grimmiae 66:2843*
Caballeronia humi 66:2843*
Caballeronia jiangsuensis 66:2844*
Caballeronia megalochromosomata 66:2844*
Caballeronia sordidicola 66:2844*
Caballeronia telluris 66:2844*
Caballeronia terrestris 66:2844*
Caballeronia udeis 66:2844*
Caballeronia zhejiangensis 66:2844*
- Cephaloticoccus** 66:3038*
Cephaloticoccus capnophilus 66:3039*
Cephaloticoccus primus 66:3038*
- Chenggangzhangella** 66:2828*
Chenggangzhangella methanolivorans 66:2829*
- Clostridium aminovalericum* 30:277 (AL) (basonym) ≡

<i>Anaerocolumna aminovalerica</i>	
<i>Clostridium jejuense</i> 54:1467* (basonym) ≡ <i>Anaerocolumna jejuensis</i>	<i>Kosakonia oryzendophytica</i> 66:2782* <i>Kosakonia oryziphila</i> 66:2782*
<i>Clostridium xylanovorans</i> 50:3 (basonym) ≡ <i>Anaerocolumna xylanovorans</i>	<i>Larsenimonas suaedae</i> 66:2956*
<i>Corynebacterium guangdongense</i> 66:3205*	<i>Lawsonella</i> 66:2933* <i>Lawsonella clevelandensis</i> 66:2935*
<i>Corynebacterium lowii</i> 66:2810*	
<i>Corynebacterium oculi</i> 66:2811*	<i>Marinirhabdus</i> 66:3099* <i>Marinirhabdus gelatinilytica</i> 66:3100*
<i>Cribrihabitans pelagius</i> 66:3199*	
<i>Desulfotomaculum ferrireducens</i> 66:3027*	<i>Marinomonas atlantica</i> 66:3187* <i>Marinomonas gallaica</i> 66:3187*
<i>Dickeya fangzhongdai</i> 66:2834*	
<i>Ensifer glycinis</i> 66:2915*	<i>Methylopila helvetica</i> 50:1953 (basonym) ≡ <i>Albibacter helveticus</i>
<i>Enterobacter oryzendophyticus</i> 65:3764 (basonym) ≡ <i>Kosakonia oryzendophytica</i>	<i>Micromonospora sediminis</i> 66:3239*
<i>Enterobacter oryziphilus</i> 65:3764 (basonym) ≡ <i>Kosakonia oryziphila</i>	<i>Mucilagibacter pocheonensis</i> 66:2866*
<i>Flavobacterium aquicola</i> 66:2795*	<i>Mycobacterium paraintracellulare</i> 66:3140*
<i>Flavobacterium fulvum</i> 66:3116*	<i>Niabella aquatica</i> 66:2778*
<i>Flavobacterium humicola</i> 66:3116*	
<i>Flavobacterium pedocola</i> 66:3116*	<i>Novosphingobium naphthae</i> 66:3175*
<i>Friedmanniella endophytica</i> 66:3061*	<i>Oblitimonas</i> 66:3069* <i>Oblitimonas alkaliphila</i> 66:3069*
<i>Gelatiniphilus</i> 66:2896* <i>Gelatiniphilus marinus</i> 66:2897*	<i>Paenibacillus arachidis</i> 66:2926* <i>Paenibacillus cisolokensis</i> 66:3092* <i>Paenibacillus liaoningensis</i> 66:3154*
<i>Grimontia celer</i> 66:2909*	
<i>Hahella antarctica</i> 58:356* (basonym) ≡ <i>Allohahella antarctica</i>	<i>Paraburkholderia dipogonis</i> 66:2841* <i>Paraburkholderia ginsengiterrae</i> 66:2841* <i>Paraburkholderia glathei</i> 65:2019 (as synonym) ≡ <i>Caballeronia glathei</i>
<i>Halorubrum pallidum</i> 66:2985*	<i>Paraburkholderia grimmiae</i> 65:2019 (as synonym) ≡ <i>Caballeronia grimmiae</i>
<i>Helicobacter apri</i> 66:2881*	<i>Paraburkholderia humi</i> 65:2779 (as synonym) ≡ <i>Caballeronia humi</i>
<i>Ideonella sakaiensis</i> 66:2817*	<i>Paraburkholderia humisilvae</i> 66:2841* <i>Paraburkholderia insulsa</i> 66:2841*
<i>Isoptericola cucumis</i> 66:2787*	

- Paraburkholderia kirstenboschensis* 66:2841*
Paraburkholderia metalliresistens 66:2842*
Paraburkholderia monticola 66:2842*
Paraburkholderia panaciterrae 66:2842*
Paraburkholderia rhizosphaerae 66:2842*
Paraburkholderia solisilvae 66:2842*
Paraburkholderia sordidicola 65:2020 (as synonym) ≡ *Caballeronia sordidicola*
Paraburkholderia susongensis 66:2842*
Paraburkholderia zhejiangensis 65:2779 (as synonym) ≡ *Caballeronia zhejiangensis*
- Paracoccus aestuariivivens* 66:2997*
- Paraphotobacterium*** 66:3054*
Paraphotobacterium marinum 66:3055*
- Phytohabitans kaempferiae* 66:2921*
- Planomonospora corallina* 66:3228*
- Polynucleobacter asymbioticus* 66:2890*
Polynucleobacter duraquae 66:2890*
Polynucleobacter necessarius subsp. *asymbioticus* 59:2008* (basonym) ≡ *Polynucleobacter asymbioticus*
Polynucleobacter necessarius subsp. *necessarius* 59:2008* (as synonym) ≡ *Polynucleobacter necessarius*
Polynucleobacter sinensis 66:2891*
Polynucleobacter yangtzensis 66:2891*
- Prevotella colorans* 66:3009*
- Pseudorhodobacter aquaticus* 66:2824*
Pseudorhodobacter sinensis 66:2823*
- Pseudoruegeria aestuarii* 66:3130*
- Pyrococcus kukulkanii* 66:3148*
- Rhodobacter sediminis* 66:2970*
- Rothia aerolata* 66:3106*
- Ruthenibacterium*** 66:3048*
Ruthenibacterium lactatiformans 66:3048*
- Salinigranum salinum* 66:3021*
- Seohaecicola zhoushanensis* 66:3033*
- Shewanella gelidii* 66:2904*
- Sphingomonas faucium* 66:2851*
- Streptomyces canalis* 66:3222*
Streptomyces chitinivorans 66:3246*
- Taibaiella soli* 66:3234*
- Tepidibacillus infernus* 66:3193*
- Undibacterium arcticum* 66:2801*
- Ventosimonas*** 66:2873*
Ventosimonas gracilis 66:2874*
- Vibrio algivorus* 66:3168*
Vibrio inhibens 65:742 (as synonym) = *Vibrio jasicida*
- Vicinamibacter*** 66:2976*
Vicinamibacter silvestris 66:2977*
- Winogradskyella sediminis* 66:3162*