



**LIST OF PROKARYOTIC NAMES
VALIDLY PUBLISHED**

in January 2016, Addendum List

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.

<i>Arthrobacter albus</i> 50:1699 (basonym) ≡ <i>Pseudoglutamicibacter albus</i>	<i>Arthrobacter polychromogenes</i> 30:254 (AL) (basonym) ≡ <i>Pseudarthrobacter polychromogenes</i>
<i>Arthrobacter antarcticus</i> 60:2265* (basonym) ≡ <i>Paeniglutamicibacter antarcticus</i>	<i>Arthrobacter protophormiae</i> 34:270 (as synonym) ≡ <i>Glutamicibacter protophormiae</i>
<i>Arthrobacter ardleyensis</i> 55:2235 (basonym) ≡ <i>Glutamicibacter ardleyensis</i>	<i>Arthrobacter psychrophenicus</i> 54:2071* (basonym) ≡ <i>Paeniglutamicibacter psychrophenicus</i>
<i>Arthrobacter arilaitensis</i> 55:460* (basonym) ≡ <i>Glutamicibacter arilaitensis</i>	<i>Arthrobacter scleromae</i> 55:1743 (basonym) ≡ <i>Pseudarthrobacter scleromae</i>
<i>Arthrobacter aurescens</i> 30:253 (AL) (basonym) ≡ <i>Paenarthrobacter aurescens</i>	<i>Arthrobacter siccitolerans</i> 63:4179* (basonym) ≡ <i>Pseudarthrobacter siccitolerans</i>
<i>Arthrobacter bergerei</i> 55:460* (basonym) ≡ <i>Glutamicibacter bergerei</i>	<i>Arthrobacter soli</i> 58:1993 (basonym) ≡ <i>Glutamicibacter soli</i>
<i>Arthrobacter chlorophenicus</i> 50:2090* (basonym) ≡ <i>Pseudarthrobacter chlorophenicus</i>	<i>Arthrobacter sulfonivorans</i> 52:685 (basonym) ≡ <i>Pseudarthrobacter sulfonivorans</i>
<i>Arthrobacter creatinolyticus</i> 48:428* (basonym) ≡ <i>Glutamicibacter creatinolyticus</i>	<i>Arthrobacter sulfureus</i> 34:270 (basonym) ≡ <i>Paeniglutamicibacter sulfureus</i>
<i>Arthrobacter cryotolerans</i> 61:983* (basonym) ≡ <i>Paeniglutamicibacter cryotolerans</i>	<i>Arthrobacter uratoxydans</i> 34:270 (basonym) ≡ <i>Glutamicibacter uratoxydans</i>
<i>Arthrobacter defluvii</i> 58:1920* (basonym) ≡ <i>Pseudarthrobacter defluvii</i>	<i>Arthrobacter ureafaciens</i> 30:254 (AL) (basonym) ≡ <i>Paenarthrobacter ureafaciens</i>
<i>Arthrobacter equi</i> 61:2093* (basonym) ≡ <i>Pseudarthrobacter equi</i>	
<i>Arthrobacter gangotriensis</i> 54:2376* (basonym) ≡ <i>Paeniglutamicibacter gangotriensis</i>	<i>Glutamicibacter</i> 66:28*
<i>Arthrobacter histidinolorans</i> 30:253 (AL) (basonym) ≡ <i>Paenarthrobacter histidinolorans</i>	<i>Glutamicibacter ardleyensis</i> 66:29*
<i>Arthrobacter ilicis</i> 32:384 (basonym) ≡ <i>Paenarthrobacter ilicis</i>	<i>Glutamicibacter arilaitensis</i> 66:29*
<i>Arthrobacter kerguelensis</i> 54:2377* (basonym) ≡ <i>Paeniglutamicibacter kerguelensis</i>	<i>Glutamicibacter bergerei</i> 66:29*
<i>Arthrobacter mysorens</i> 30:253 (AL) (basonym) ≡ <i>Glutamicibacter mysorens</i>	<i>Glutamicibacter creatinolyticus</i> 66:29*
<i>Arthrobacter nicotianae</i> 30:253 (AL) (as synonym) ≡ <i>Glutamicibacter nicotianae</i>	<i>Glutamicibacter mysorens</i> 66:29*
<i>Arthrobacter nicotinovorans</i> 42:237* (basonym) ≡ <i>Paenarthrobacter nicotinovorans</i>	<i>Glutamicibacter nicotianae</i> 66:30*
<i>Arthrobacter niigatensis</i> 59:859* (basonym) ≡ <i>Pseudarthrobacter niigatensis</i>	<i>Glutamicibacter protophormiae</i> 66:29*
<i>Arthrobacter nitroguajacolicus</i> 54:777* (basonym) ≡ <i>Paenarthrobacter nitroguajacolicus</i>	<i>Glutamicibacter soli</i> 66:30*
<i>Arthrobacter oxydans</i> 30:253 (AL) (basonym) ≡ <i>Pseudarthrobacter oxydans</i>	<i>Glutamicibacter uratoxydans</i> 66:30*
<i>Arthrobacter phenanthrenivorans</i> 59:278* (basonym) ≡ <i>Pseudarthrobacter phenanthrenivorans</i>	<i>Paenarthrobacter</i> 66:25*
	<i>Paenarthrobacter aurescens</i> 66:25*
	<i>Paenarthrobacter histidinolorans</i> 66:25*
	<i>Paenarthrobacter ilicis</i> 66:26*
	<i>Paenarthrobacter nicotinovorans</i> 66:26*
	<i>Paenarthrobacter nitroguajacolicus</i> 66:26*
	<i>Paenarthrobacter ureafaciens</i> 66:26*

Paeniglutamicibacter 66:30**Paeniglutamicibacter antarcticus* 66:31**Paeniglutamicibacter cryotolerans* 66:31**Paeniglutamicibacter gangotriensis* 66:31**Paeniglutamicibacter kerguelensis* 66:31**Paeniglutamicibacter psychrophenolicus* 66:31**Paeniglutamicibacter sulfureus* 66:30****Pseudarthrobacter*** 66:26**Pseudarthrobacter chlorophenolicus* 66:27**Pseudarthrobacter defluvii* 66:27**Pseudarthrobacter equi* 66:27**Pseudarthrobacter niigatensis* 66:27**Pseudarthrobacter oxydans* 66:27**Pseudarthrobacter phenanthrenivorans* 66:28**Pseudarthrobacter polychromogenes* 66:27**Pseudarthrobacter scleromae* 66:28**Pseudarthrobacter siccitolerans* 66:28**Pseudarthrobacter sulfonivorans* 66:28****Pseudoglutamicibacter*** 66:32**Pseudoglutamicibacter albus* 66:32**Pseudoglutamicibacter cumminsii* 66:32*