



**LIST OF PROKARYOTIC NAMES
VALIDLY PUBLISHED
in December 2012**

compiled by

**Dorothea Gleim, Leibniz-Institut DSMZ - Deutsche Sammlung von
Mikroorganismen und Zellkulturen GmbH
Braunschweig, Germany**

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,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>Acinetobacter indicus</i> 62:2889*	<i>Parvibaculum hydrocarboniclasticum</i> 62:2925*
Actibacterium 62:2861*	<i>Pediococcus lolii</i> (as synonym) = <i>Pediococcus acidilactici</i>
<i>Actibacterium mucosum</i> 62:2863*	
<i>Advenella faeciporci</i> 62:2989*	<i>Rheinheimera longhuensis</i> 62:2932*
Brassicibacter 62:3022*	<i>Rhodanobacter caeni</i> 62:2820*
<i>Brassicibacter mesophilus</i> 62:3022*	<i>Rhodoplanes piscinae</i> 62:2833*
<i>Caulobacter leidyi</i> (basonym) ≡ <i>Sphingomonas leidyi</i>	<i>Rhodovulum tesquicola</i> 62:2965*
<i>Chitinophaga oryxiterrae</i> 62:3034*	<i>Roseomonas riguiloci</i> 62:3027*
<i>Chryseobacterium viscerum</i> 62:2939*	<i>Ruegeria conchae</i> 62:2856*
<i>Deinococcus humi</i> 62:2849*	<i>Sphingobacterium detergens</i> 62:3040*
<i>Dysgonomonas oryzarvi</i> 62:3058*	<i>Sphingomonas indica</i> 62:3001*
<i>Flavobacterium rakeshii</i> 62:2900*	<i>Sphingomonas laterariae</i> 62:2894*
Galenea 62:3064*	<i>Sphingomonas leidyi</i> 62:2841*
<i>Galenea microaerophila</i> 62:3064*	<i>Streptococcus tigurinus</i> 62:2944*
<i>Halomonas beimenensis</i> 62:3016*	<i>Streptomyces albovinaceus</i> (as synonym) =
<i>Halomonas ramblicola</i> 62:2908*	<i>Streptomyces globisporus</i>
<i>Kaistia defluvii</i> 62:2881*	<i>Streptomyces fimicarius</i> (as synonym) =
<i>Kistimonas scapharcae</i> 62:2868*	<i>Streptomyces setonii</i>
<i>Kordiimonas aestuarii</i> 62:3053*	<i>Streptomyces griseinus</i> (as synonym) =
<i>Legionella cardiaca</i> 62:2951*	<i>Streptomyces globisporus</i>
<i>Legionella massiliensis</i> 62:3005*	Thermovum 62:2994*
<i>Legionella tunisiensis</i> 62:3005*	<i>Thermovum composti</i> 62:2994*
<i>Luteimonas cucumeris</i> 62:2919*	<i>Vibrio alfacensis</i> 62:2960*
<i>Micromonospora cremea</i> 62:2976*	
<i>Micromonospora zamorensis</i> 62:2976*	
<i>Mucilaginibacter litoreus</i> 62:2826*	
<i>Mycetocola manganoxydans</i> 62:2970*	
Naumannella 62:3046*	
<i>Naumannella halotolerans</i> 62:3047*	
<i>Nonomuraea monospora</i> 62:3011*	