



**LIST OF PROKARYOTIC NAMES
VALIDLY PUBLISHED
in November 2013**

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

- Acidithiobacillus ferridurans* 63:4024*
- Allokutzneria multivorans* 63:4257*
- Amphibacillus iburiensis* 63:4307*
- Anaerostipes hadrus* 63:3931
- Anoxybacillus vitaminiphilus* 63:4070*
- Aquamicrobium aestuarii* 63:4016*
- Arcobacter cloacae* 63:3931
Arcobacter suis 63:3931
- Arenicella chitinivorans* 63:4128*
- Arsenicococcus dermatophilus* 63:4050*
- Arthrobacter siccitolerans* 63:4179*
- Bacillus songklensis* 63:4194*
- Bifidobacterium adolescentis* 30:264 (AL)
Bifidobacterium stercoris 60:2826* (as synonym) =
Bifidobacterium adolescentis
- Borrelia bavariensis* 63:4286*
- Burkholderia rhynchosiae* 63:3948*
Burkholderia sprentiae 63:3956*
- Cohaesibacter haloalkalitolerans* 63:4275*
- Coprobacter** 63:4184*
Coprobacter fastidiosus 63:4187*
- Corynebacterium uterequi* 63:3931
- Cronobacter helveticus* 63:3931
Cronobacter pulveris 63:3931
Cronobacter zurichensis 63:3931
- Dactylosporangium siamense* 63:4037*
- Desulfocurvus thunnarius* 63:4241*
- Endozoicomonas euniceicola* 63:4300*
Endozoicomonas gorgoniicola 63:4301*
- Enterobacter amnigenus* 31:37* (basonym) ≡ *Lelliottia amnigena*
Enterobacter arachidis 60:1563* (basonym) ≡
Kosakonia arachidis
Enterobacter cowanii 51:1619 (basonym) ≡ *Kosakonia cowanii*
Enterobacter gergoviae 30:5* (basonym) ≡
Pluralibacter gergoviae
Enterobacter helveticus 57:825* (basonym) ≡
Cronobacter helveticus
Enterobacter nimipressuralis 38:220 (as synonym) ≡
- Lelliottia nimipressuralis*
Enterobacter oryzae 59:1654* (basonym) ≡ *Kosakonia oryzae*
Enterobacter pulveris 58:241* (basonym) ≡
Cronobacter pulveris
Enterobacter pyrinus 43:161* (basonym) ≡
Pluralibacter pyrinus
Enterobacter radicincitans 55:1396 (basonym) ≡
Kosakonia radicincitans
Enterobacter turicensis 57:825* (basonym) ≡
Cronobacter zurichensis
- Eubacterium hadrum* 30:297 (AL) (basonym) ≡
Anaerostipes hadrus
- Ferrimonas gelatinilytica* 63:4313*
- Flavobacterium cutihirudinis* 63:2846*
Flavobacterium ginsengisoli 63:4292*
Flavobacterium jumunjinense 63:3942*
- Formosa undariae* 63:4134*
- Gemmobacter lanyuensis* 63:4044*
- Geodermatophilus africanus* 63:3931
Geodermatophilus taihuensis 63:4112*
Geodermatophilus tzadiensis 63:3931
- Georgenia sediminis* 63:4246*
- Gluconacetobacter aggeris* 63:3987*
Gluconacetobacter takamatsuzukensis 63:3987*
Gluconacetobacter tumulisoli 63:3987*
- Gracilimonas mengyeensis* 63:3992*
Gracilimonas rosea 63:4010*
- Halarchaeum nitratireducens* 63:4204*
- Haliea rubra* 59:1192* (basonym) ≡ *Pseudohaliea rubra*
- Halobellus inordinatus* 63:3979*
- Halomonas zincidurans* 63:4234*
- Hazenella** 63:4092*
Hazenella coriacea 63:4092*
- Helicobacter macacae* 63:3931
- Herbaspirillum aurantiacum* 62:1305* (basonym) ≡
Noviherbaspirillum aurantiacum
Herbaspirillum canariense 62:1303* (basonym) ≡
Noviherbaspirillum canariense
Herbaspirillum psychrotolerans 63:3201* (basonym) ≡
Noviherbaspirillum psychrotolerans
Herbaspirillum soli 62:1305* (basonym) ≡
Noviherbaspirillum soli

- Humibacter antri* 63:4318*
- Imperialibacter** 63:4139*
Imperialibacter roseus 63:4139*
- Kosakonia** 63:3931
Kosakonia arachidis 63:3931
Kosakonia cowanii 63:3931
Kosakonia oryzae 63:3931
Kosakonia radicincitans 63:3932
- Kroppenstedtia guangzhouensis* 63:4080*
- Kurthia massiliensis* 63:3932
- Lactobacillus heilongjiangensis* 63:4098*
- Lelliottia** 63:3932*
Lelliottia amnigena 63:3932
Lelliottia nimipressuralis 63:3932
- Loktanella sediminilitoris* 63:4122*
- Luminiphilus** 63:3932
Luminiphilus sylvensis 63:3932
- Lutimaribacter litoralis* 63:3932
Lutimaribacter pacificus 63:3932
- Lysinibacillus chungkukjangi* 63:3932
- Methanobrevibacter boviskoreani* 63:4200*
- Methanoculleus horonobensis* 63:4322*
- Micromonospora avicenniae* 63:3932
- Moorella stamsii* 63:4076*
- Mycobacterium arabiense* 63:4086*
Mycobacterium sediminis 63:4085*
- Myroides guanonis* 63:4269*
- Natronobacterium texcoconense* 63:4166*
- Noviherbaspirillum** 63:4103*
Noviherbaspirillum aurantiacum 63:4105*
Noviherbaspirillum canariense 63:4106*
Noviherbaspirillum malthae 63:4105*
Noviherbaspirillum psychrotolerans 63:4106*
Noviherbaspirillum soli 63:4105*
- Oceanicola pacificus* 59:1161* (basonym) ≡
Lutimaribacter pacificus
- Oceanirhabdus** 63:4282*
Oceanirhabdus sediminicola 63:4282*
- Paenalcaldigenes hermetiae* 63:4228*
- Parapedobacter pyrenivorans* 63:3999*
- Paraperlucidibaca wandonensis* 63:4116*
- Planktomarina** 63:4214*
Planktomarina temperata 63:4216*
- Pluralibacter** 63:3932*
Pluralibacter gergoviae 63:3932
Pluralibacter pyrinus 63:3932
- Polaribacter sejongensis* 63:4004*
- Porphyrobacter colymbi* 63:3932
- Prevotella jejuni* 63:4223*
- Pseudohaliewia** 63:3932
Pseudohaliewia rubra 63:3932
- Pseudomonas asturiensis* 63:3932
- Rehaibacterium** 63:4061*
Rehaibacterium terrae 63:4061*
- Rhizobium freirei* 63:4172*
- Rosenbergiella** 63:4263*
Rosenbergiella nectarea 63:4264*
- Rothia endophytica* 63:3968*
- Rudaibacter** 63:4055*
Rudaibacter terrae 63:4056*
- Salinicola peritrichatus* 63:3932
- Shimia haliotis* 63:4252*
- Spelaeicoccus** 63:3961*
Spelaeicoccus albus 63:3962*
- Streptococcus rubneri* 63:4029*
- Sulfurimonas gotlandica* 63:4147*
- Thermoanaerobaculum** 63:4155*
Thermoanaerobaculum aquaticum 63:4155*
- Verrucosispora andamanensis* 63:3973*
- Williamsia sterculiae* 63:4161*