



**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.

Abditibacterium 68:3379*Abditibacterium utsteinense* 68:3379*Acidocella aquatica* 67:4775**Actinokineospora alba* 68:3379*Actinokineospora iranica* 68:3379*Adlercreutzia caecicola* 68:3379*Adlercreutzia caecimuris* 68:3379*Adlercreutzia equolifaciens* subsp. *celatus* 58:1240**Adlercreutzia equolifaciens* subsp. *equolifaciens* 58:1226*
(as synonym) ≡ *Adlercreutzia equolifaciens**Adlercreutzia mucosicola* 68:3379*Adlercreutzia muris* 68:3379*Aeribacillus composti* 67:4834***Aldersonia** 68:3379*Aldersonia kunmingensis* 68:3379*Altererythrobacter mangrovi* 67:4854**Amycolatopsis arida* 68:3379*Ancylobacter pratisalsi* 67:4504**Ancylobacter sonchi* 67:4556**Anoxynatronum buryatiense* 67:4707**Arenibacter antarcticus* 67:4604**Aridibacter nitratireducens* 67:4492**Arthrobacter silviterrae* 67:4550***Asprobacter** 67:4446**Asprobacter aquaticus* 67:4446**Bacillus ciccensis* 67:4610**Bacillus onubensis* 68:3379*Bacillus solisilvae* 67:4453**Bacteroides koreensis* 67:4355**Bacteroides kribbi* 67:4356**Bifidobacterium catenulatum* subsp. *catenulatum* 30:225 (as synonym) ≡ *Bifidobacterium catenulatum**Bifidobacterium catenulatum* subsp. *kashiwanohense* 61:2614**Bifidobacterium porcinum* 68:3379*Bifidobacterium pullorum* subsp. *gallinarum* 33:127**Bifidobacterium pullorum* subsp. *pullorum* 30:225 (as synonym) ≡ *Bifidobacterium pullorum**Bifidobacterium pullorum* subsp. *saeculare* 42:327**Boudabousia** 68:3379*Boudabousia marimammalium* 68:3379**Bowdenia** see:*Bowdenia nasicola* (misspelled), see: (as synonym) ≡ *Bowdeniella nasicola***Bowdeniella** corrig. 68:3379*Bowdeniella nasicola* corrig. 68:3379*Brachybacterium avium* 68:3379*Brachybacterium vulturis* 68:3379**Buchananella** 68:3379*Buchananella hordeovulneris* 68:3379**Caldovatus** 67:4718**Caldovatus sediminis* 67:4719**Chitinimonas lacunae* 67:4325**Ciceribacter thiooxidans* 67:4713**Clavibacter capsici* 68:3379*Clavibacter nebraskensis* 68:3379*Clavibacter sepedonicus* 68:3379*Cohnella algarum* 67:4771**Corynebacterium fournieri* corrig. 68:3379*Corynebacterium fournierii* (misspelled), see: (as synonym) ≡ *Corynebacterium fournieri**Corynebacterium gottlingense* 67:4497**Cutibacterium acnes* subsp. *acnes* 66:4430* (as synonym) ≡ *Cutibacterium acnes**Cutibacterium acnes* subsp. *defendens* 66:5363**Cutibacterium namnetense* 68:3379*Deinococcus taklimakanensis* 67:4314**Demequina gelatinilytica* 68:3379*Demequina iriomotensis* 68:3379*Demequina mangrovi* 68:3379*Demequina maris* 68:3379*Demequina pelophila* 68:3379*Demequina phytophila* 68:3379*Demequina rhizosphaerae* 68:3379*Demequina silvatica* 68:3379*Demequina soli* 68:3379*Demequina subtropica* 68:3379**Desertibacillus** 67:4440*

- Desertibacillus haloalkaliphilus* 67:4440*
- Dietzia kunjomensis* subsp. *kunjomensis* 56:1670* (as synonym) ≡ *Dietzia kunjomensis*
Dietzia kunjomensis subsp. *schimae* 58:2552*
- Dokdonia lutea* 67:4485*
- Edaphobaculum** 67:4479*
Edaphobaculum flavum 67:4480*
- Embleya** 68:3379
Embleya scabrispora 68:3379
- Enterobacter hormaechei* subsp. *hoffmannii* 68:3379
Enterobacter hormaechei subsp. *xiangfangensis* 64:2655*
Enterobacter roggkampii 68:3379
- Fannyhessea** 68:3379
Fannyhessea vaginae 68:3379
- Flavimobilis** 68:3379
Flavimobilis marinus 68:3379
Flavimobilis soli 68:3379
- Flavobacterium chuncheonense* 67:4411*
Flavobacterium dispersum 67:4421*
Flavobacterium limi 67:4671*
Flavobacterium luteum 67:4413*
- Gellertiella** 67:4569*
Gellertiella hungarica 67:4570*
- Gleimia** 68:3379
Gleimia coleocanis 68:3379
Gleimia europaea 68:3379
Gleimia hominis 68:3379
- Gulosibacter bifidus* 68:3379
Gulosibacter faecalis 68:3379
- Halioxenophilus** 68:3379
Halioxenophilus aromaticivorans 68:3379
- Haloechothrix halophila* 68:3379
Haloechothrix salitolerans 68:3379
- Halomonas aestuarii* 67:4302*
Halomonas tibetensis 68:3379
- Haloplanus salinarum* 67:4459*
- Hymenobacter cavernae* 67:4827*
Hymenobacter gummosus 67:4734*
- Intrasporangium flavum* 68:3379
- Izhakiella australiensis* 67:4321*
- Jongsikchunia** 68:3379
Jongsikchunia kroppenstedtii 68:3379
- Kineococcus aureolus* 67:4805*
Kineococcus terrestris corrig. 67:4804*
Kineococcus terreus (misspelled), see: (as synonym) ≡ *Kineococcus terrestris*
- Kitasatospora indigofera* 68:3379
Kitasatospora xanthocidica 68:3379
- Knoellia remsis* 68:3379
- Kordia zosterae* 67:4792*
- Lactobacillus chiayiensis* 68:3379
- Lactococcus petauri* 67:4401*
- Lancefieldella** 68:3379
Lancefieldella parvula 68:3379
Lancefieldella rimae 68:3379
- Lechevalieria rhizosphaerae* 67:4658*
- Lentzea aerocolonigenes* 68:3379
Lentzea albidocapillata subsp. *albidocapillata* 50:1322* (as synonym) ≡ *Lentzea albidocapillata*
Lentzea albidocapillata subsp. *violacea* 51:1049*
Lentzea atacamensis 68:3379
Lentzea deserti 68:3379
Lentzea flava 68:3379
Lentzea fradiae 68:3379
Lentzea nigeriaca 68:3379
Lentzea pudingi 67:4875*
Lentzea roselyniae 68:3379
Lentzea xinjiangensis 68:3379
- Leucobacter japonicus* 68:3379
- Lonsdalea britannica* 67:4682*
Lonsdalea iberica 67:4682*
Lonsdalea populi 67:4683*
- Lysobacter olei* 67:4664*
- Malacoplasma** 68:3379
Malacoplasma iowae 68:3379
Malacoplasma microti 68:3379
Malacoplasma muris 68:3379
Malacoplasma penetrans 68:3379

- Marinobacter salexigens* 67:4598*
- Marinomonas algicida* 67:4781*
- Marmoricola endophyticus* 67:4382*
- Massilia buxea* 67:4394*
- Mesomycoplasma** 68:3379
- Mesomycoplasma conjunctivae* 68:3379
- Mesomycoplasma flocculare* 68:3379
- Mesomycoplasma hyopneumoniae* 68:3379
- Mesomycoplasma hyorhinis* 68:3379
- Mesomycoplasma lagogenitalium* 68:3379
- Mesomycoplasma moatsii* 68:3379
- Mesomycoplasma molare* corrig. 68:3379
- Mesomycoplasma molaris* (misspelled), see: (as synonym) ≡ *Mesomycoplasma molare*
- Mesomycoplasma neurolyticum* 68:3379
- Mesomycoplasma ovipneumoniae* 68:3379
- Metamycoplasma** 68:3379
- Metamycoplasma alkalescens* 68:3379
- Metamycoplasma arthritidis* 68:3379
- Metamycoplasma auris* 68:3379
- Metamycoplasma buccale* 68:3379
- Metamycoplasma canadense* 68:3379
- Metamycoplasma cloacale* 68:3379
- Metamycoplasma equirhinis* 68:3379
- Metamycoplasma faucium* 68:3379
- Metamycoplasma gateae* 68:3379
- Metamycoplasma hominis* 68:3379
- Metamycoplasma hyosynoviae* 68:3379
- Metamycoplasma neophronis* 68:3379
- Metamycoplasma orale* 68:3379
- Metamycoplasma phocicerebrale* 68:3379
- Metamycoplasma salivarium* 68:3379
- Metamycoplasma spumans* 68:3379
- Metamycoplasma sualvi* 68:3379
- Methyloceanibacter marginalis* 68:3379
- Methyloceanibacter methanicus* 68:3379
- Methyloceanibacter stevinii* 68:3379
- Methyloceanibacter superfactus* 68:3379
- Methyloterricola** 67:4513*
- Methyloterricola oryzae* 67:4513*
- Microlunatus aerolatus* 68:3379
- Microlunatus antarcticus* 68:3379
- Microlunatus capsulatus* 68:3379
- Microlunatus flavus* 68:3379
- Microlunatus lacustris* 68:3379
- Microlunatus lucidus* 68:3379
- Microlunatus okinawensis* 68:3379
- Microlunatus sagamiharensis* 68:3379
- Microlunatus spumicola* corrig. 68:3379
- Microlunatus spumicolus* (misspelled), see: (as synonym) ≡ *Microlunatus spumicola*
- Micromonospora andamanensis* 68:3379
- Micromonospora fiedleri* 68:3379
- Micromonospora gifhornensis* 68:3379
- Micromonospora lutea* 68:3379
- Micromonospora maris* 68:3379
- Micromonospora phaseoli* 68:3379
- Micromonospora qiuiiae* 68:3379
- Micromonospora sediminimaris* 68:3379
- Micromonospora trujilloniae* 68:3379
- Mobiluncus holmesii* 68:3379
- Modestobacter lacusdianchii* 68:3379
- Murdochiella vaginalis* 68:3379
- Mycetohabitans** 68:3379
- Mycetohabitans endofungorum* 68:3379
- Mycetohabitans rhizoxinica* 68:3379
- Mycobacterium grossiae* 67:4350*
- Mycobacterium intracellulare* subsp. *chimaera* 54:1283*
- Mycoplasma** 68:3379
- Mycoplasma alvi* 68:3379
- Mycoplasma fastidiosum* 68:3379
- Mycoplasma gallisepticum* 68:3379
- Mycoplasma genitalium* 68:3379
- Mycoplasma pirum* 68:3379
- Mycoplasma pneumoniae* 68:3379
- Mycoplasma** 68:3379
- Mycoplasma adleri* 68:3379
- Mycoplasma agalactiae* 68:3379
- Mycoplasma agassizii* 68:3379
- Mycoplasma alligatoris* 68:3379
- Mycoplasma anatis* 68:3379
- Mycoplasma arginini* 68:3379
- Mycoplasma bovigenitalium* 68:3379
- Mycoplasma bovirhinis* 68:3379
- Mycoplasma bovis* 68:3379
- Mycoplasma californica* 68:3379
- Mycoplasma canis* 68:3379
- Mycoplasma caviae* 68:3379
- Mycoplasma ciconiae* 68:3379
- Mycoplasma citelli* 68:3379
- Mycoplasma columbinasalis* 68:3379
- Mycoplasma columboralis* 68:3379
- Mycoplasma cricetuli* 68:3379

- Mycoplasmopsis cynos* 68:3379
Mycoplasmopsis edwardii 68:3379
Mycoplasmopsis equigenitalium 68:3379
Mycoplasmopsis felifaucium 68:3379
Mycoplasmopsis fermentans 68:3379
Mycoplasmopsis gallinacea 68:3379
Mycoplasmopsis gallinarum 68:3379
Mycoplasmopsis gallopavonis 68:3379
Mycoplasmopsis glycyphila 68:3379
Mycoplasmopsis hyopharyngis 68:3379
Mycoplasmopsis iners 68:3379
Mycoplasmopsis lipofaciens 68:3379
Mycoplasmopsis lipophila 68:3379
Mycoplasmopsis maculosa 68:3379
Mycoplasmopsis meleagridis 68:3379
Mycoplasmopsis mucosicanis 68:3379
Mycoplasmopsis mustelae 68:3379
Mycoplasmopsis opalescens 68:3379
Mycoplasmopsis phocirhinis 68:3379
Mycoplasmopsis primatum 68:3379
Mycoplasmopsis pullorum 68:3379
Mycoplasmopsis pulmonis 68:3379
Mycoplasmopsis sturni 68:3379
Mycoplasmopsis synoviae 68:3379
Mycoplasmopsis verecunda 68:3379
- Neisseria dumasiana* 67:4309*
- Nocardia salmonicida* subsp. *cummidelens* 51:1619
Nocardia salmonicida subsp. *salmonicida* 49:834* (as synonym) ≡ *Nocardia salmonicida*
- Nonomuraea cavernae* 67:4695*
- Oceanibaculum nanhaiense* 67:4844*
- Ornithinimicrobium flavum* 67:4544*
- Paenibacillus albidus* 67:4689*
Paenibacillus arcticus 67:4388*
- Paracoccus litorisediminis* 67:4764*
Paracoccus sordidisoli 67:4369*
- Paraglaciecola aestuariivivens* 67:4758*
- Parapedobacter defluvii* 67:4702*
- Pauljensenia*** 68:3379
Pauljensenia hongkongensis 68:3379
- Pedobacter solisilvae* 67:4818*
- Pedococcus*** 68:3379
Pedococcus aerophilus 68:3379
- Pedococcus badiiscoriae* 68:3379
Pedococcus bigeumensis 68:3379
Pedococcus cremeus 68:3379
Pedococcus dokdonensis 68:3379
Pedococcus ginsenosidimutans 68:3379
Pedococcus soli 68:3379
- Phaeobacter piscinae* 67:4563*
- Phenylobacterium deserti* 67:4726*
- Photobacterium toruni* 67:4523*
- Phycococcus duodecadis* 68:3379
Phycococcus elongatus 68:3379
- Planktotalea lamellibrachiae* 67:4788*
- Polaribacter tangerinus* 67:4740*
- Polynucleobacter aenigmaticus* 67:4653*
- Ponticoccus marisrubri* 67:4361*
- Porphyrobacter algicida* 67:4532*
- Proteinivorax hydrogeniformans* 68:3379
- Pseudomonas gallaeciensis* 68:3379
Pseudomonas tarimensis 67:4376*
- Psychrobacillus lasiicapitis* 67:4466*
- Psychrosphaera aquimarina* 67:4823*
- Puia*** 67:4644*
Puia dinghuensis 67:4644*
- Quisquiliibacterium*** 67:4745*
Quisquiliibacterium transsilvanicum 67:4745*
- Ramlibacter alkalitolerans* 67:4622*
Ramlibacter monticola 67:4472*
- Rhabdanaerobium*** 67:4587*
Rhabdanaerobium thermarum 67:4587*
- Roseomonas terricola* 67:4839*
- Rothia halotolerans* 68:3379
Rothia koreensis 68:3379
Rothia kristinae 68:3379
- Ruegeria marisrubri* 67:4630*

<i>Ruegeria profunda</i> 67:4629*	<i>Thermomonospora umbrina</i> 68:3379
<i>Sabulilitoribacter arenilitoris</i> 67:4799*	
<i>Saccharomonospora colocasiae</i> 67:4576*	Trinickia 68:3379
<i>Saccharomonospora iraqiensis</i> 68:3379	
<i>Saccharomonospora iraqiensis</i> subsp. <i>paurometabolica</i> 53:1593*	<i>Trinickia caryophylli</i> 68:3379
<i>Saccharopolyspora kobensis</i> 68:3379	<i>Trinickia soli</i> 68:3379
<i>Salirhabdus salicampi</i> 67:4581*	<i>Trinickia symbiotica</i> 68:3379
Salsuginimonas 67:4752*	
<i>Salsuginimonas clara</i> 67:4752*	
Schaalia 68:3379	
<i>Schaalia canis</i> 68:3379	<i>Variovorax rhizosphaerae</i> 68:3379
<i>Schaalia cardiffensis</i> 68:3379	
<i>Schaalia funkei</i> 68:3379	<i>Variovorax robiniae</i> 68:3379
<i>Schaalia georgiae</i> 68:3379	
<i>Schaalia hyovaginalis</i> 68:3379	<i>Variovorax ureilyticus</i> 68:3379
<i>Schaalia meyeri</i> 68:3379	
<i>Schaalia naturae</i> 68:3379	
<i>Schaalia odontolytica</i> 68:3379	
<i>Schaalia radingae</i> 68:3379	
<i>Schaalia suimastitidis</i> 68:3379	<i>Vibrio coralliirubri</i> 68:3379
<i>Schaalia turicensis</i> 68:3379	
<i>Schaalia vaccimaxillae</i> 68:3379	
<i>Sediminibacterium roseum</i> 67:4678*	
<i>Seonamhaeicola marinus</i> 67:4860*	Winkia 68:3379
Siccirubicoccus 67:4866*	<i>Winkia neuui</i> 68:3379
<i>Siccirubicoccus deserti</i> 67:4866*	
<i>Sphingobacterium humi</i> 67:4636*	<i>Winkia neuui</i> subsp. <i>anitrata</i> 44:170*
<i>Sphingobacterium tabacisoli</i> 67:4812*	
<i>Sphingomonas agri</i> 67:4431*	<i>Winkia neuui</i> subsp. <i>neuui</i> 44:170* (as synonym) ≡ <i>Winkia neuui</i>
<i>Sphingorhabdus contaminans</i> 67:4331*	
<i>Streptococcus ovuberis</i> 67:4342*	<i>Wohlfahrtiimonas populi</i> 67:4426*
<i>Streptomyces roietensis</i> 67:4871*	
<i>Subtercola vilae</i> 68:3379	
<i>Tenacibaculum aestuariivivum</i> 67:4615*	Yinghuangia 68:3379
<i>Thermomonospora amylolytica</i> 68:3379	
<i>Thermomonospora cellulositytica</i> 68:3379	<i>Yinghuangia aomiensis</i> 68:3379
<i>Thermomonospora echinospora</i> 68:3379	