

Table 1: New species included in the All-Species Living Tree**LTP_s100**

Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Acanthopleuribacter pedis</i>	AB303221	Fukunaga et al. 2008, sp. nov. (Type species of the genus).	strain FYK2218 = KCTC 12899 = NBRC 101209.
<i>Acetobacter fabarum</i>	AM905849	Cleenwerck et al. 2008, sp. nov.	strain 985 = R-36330 = DSM 19596 = LMG 24244.
<i>Acetobacter pasteurianus</i> subsp. <i>ascendens</i>	FM178866	(Henneberg 1898) De Ley and Frateur 1974, subspecies.	strain LMD 51.1 = LMG 1590 = NCCB 51001.
<i>Acidobacterium capsulatum</i>	CP001472	Kishimoto et al. 1991, sp. nov. (Type species of the genus).	strain 161 = ATCC 51196 = DSM 11244 = IFO (now NBRC) 15755 = JCM 7670.
<i>Acidovorax oryzae</i>	DQ360414	Schaad et al. 2009, sp. nov.	strain FC-143 = ATCC 19882 = ICMP 3960 = ICPB 30003 (PS 177) = NCPPB 1392.
<i>Acinetobacter beijerinckii</i>	AJ626712	Nemec et al. 2009, sp. nov.	strain 58a = CCUG 51249 = CCM 7266 = LUH 4759 = NIPH 838.
<i>Acinetobacter gyllenbergii</i>	AJ293694	Nemec et al. 2009, sp. nov.	strain 1271 = CCUG 51248 = CCM 7267 = NIPH 2150 = RUH 422
<i>Acinetobacter soli</i>	EU290155	Kim et al. 2009, sp. nov.	strain B1 = JCM 15062 = KCTC 22184.
<i>Acinetobacter venetianus</i>	AJ295007	Vaneechoutte et al. 2009 ex Di Cello et al. 1997, sp. nov.	strain RAG-1 = ATCC 31012 = CCUG 45561 = LMG 19082 = LUH 3904 = NIPH 1925.
<i>Actinoallomurus amamiensis</i>	AB364583	Tamura et al. 2009, sp. nov.	strain TT00-28 = KCTC 19537 = NBRC 103682.
<i>Actinoallomurus caesius</i>	AB364589	Tamura et al. 2009, sp. nov.	strain A3015 = KCTC 19535 = NBRC 103678.
<i>Actinoallomurus coprocola</i>	AB364579	Tamura et al. 2009, sp. nov.	strain TT04-09 = KCTC 19542 = NBRC 103688.
<i>Actinoallomurus fulvus</i>	AB364582	Tamura et al. 2009, sp. nov.	strain TT99-66 = KCTC 19536 = NBRC 103680.
<i>Actinoallomurus iriomotensis</i>	AB364586	Tamura et al. 2009, sp. nov.	strain TT02-47 = KCTC 19539 = NBRC 103685.
<i>Actinoallomurus luridus</i>	AB364585	Tamura et al. 2009, sp. nov.	strain TT02-15 = KCTC 19538 = NBRC 103683.
<i>Actinoallomurus purpureus</i>	AB364588	Tamura et al. 2009, sp. nov.	strain TTN02-30 = KCTC 19541 = NBRC 103687.

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<i>Actinoallomurus yoronensis</i>	AB364584	Tamura et al. 2009, sp. nov.	strain TTN02-22 = KCTC 19540 = NBRC 103686.
<i>Actinomadura bangladeshensis</i>	AB331652	Ara et al. 2008, sp. nov.	strain 3-46-b(3) = JCM 13933 = MTCC8057.
<i>Actinomadura chibensis</i>	AB264086	Hanafy et al. 2008, sp. nov.	strain IFM 10266 = DSM 45038 = JCM 14158
<i>Actinomadura chokoriensis</i>	AB331730	Ara et al. 2008, sp. nov.	strain 3-45-a(11) = JCM 13932 = MTCC8056.
<i>Actinomadura keratinilytica</i>	EU637009	Puhl et al. 2009, sp. nov.	strain WCC-2265 = CCUG 56181 = DSM 45195.
<i>Actinomadura miaoliensis</i>	EF116925	Tseng et al. 2009, sp. nov.	strain BC 44T-5 = FIRDI 002 = BCRC 16873 = LMG 24335
<i>Actinomadura rubrobrunea</i>	EU637008	(ex Krasil'nikov et al. 1968) Kroppenstedt et al. 1991, nom. rev., comb. nov.	strain ATCC 49883 = CIP 105486 = DSM 43750 = IFO (now NBRC) 15275 = IMET 9705 = INMI 2991 = JCM 7345 = KCTC 9493 = VKM Ac-1470.
<i>Actinomyces massiliensis</i>	EF558367	Renvoise et al. 2009, sp. nov.	strain 4401292 = CCUG 53522 = CSUR P18.
<i>Actinopolymorpha rutila</i>	EF601829	Wang et al. 2008, sp. nov.	strain YIM 45725 = DSM 18448 = CCTCC AA 206004.
<i>Adhaeribacter terreus</i>	EU682684	Zhang et al. 2009, sp. nov.	strain DNG6 = CGMCC 1.6961 = NBRC 104235.
<i>Advenella incenata</i>	AM944734	Coenye et al. 2005, sp. nov. (Type species of the genus).	strain CCUG 45225 = LMG 22250.
<i>Aequorivita capsosiphonis</i>	EU290153	Park et al. 2009, sp. nov.	strain A71 = JCM 15070 = KCTC 22183.
<i>Aeromicrobium flavum</i>	EF133690	Tang et al. 2008, sp. nov.	strain TYLN1 = CCTCC AB 206046 = DSM 19355.
<i>Aeromicrobium ginsengisoli</i>	AB245394	Kim et al. 2008, sp. nov.	strain Gsoil 098 = GBS 39 = JCM 14732 = KCTC 19207.
<i>Aestuariicola saemankumensis</i>	EU239499	Yoon et al. 2008, sp. nov. (Type species of the genus).	strain SMK-142 = CCUG 55329 = KCTC 22171.

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<i>Agrococcus jejuensis</i>	AM396260	Lee 2008, sp. nov.	strain SSW1-48 = JCM 14256 = KCTC 19198.
<i>Agrococcus versicolor</i>	AM940157	Behrendt et al. 2008, sp. nov.	strain K 114/01 = DSM 19812 = LMG 24386.
<i>Alcanivorax hongdengensis</i>	EU438901	Wu et al. 2009, sp. nov.	strain A-11-3 = CGMCC 1.7084 = LMG 24624 = MCCC 1A01496.
<i>Algoriphagus aquatilis</i>	EU313811	Liu et al. 2009, sp. nov.	strain A8-7 = NBRC 104237 = CGMCC 1.7030.
<i>Aliagarivorans marinus</i>	FJ167390	Jean et al. 2009, sp. nov. (Type species of the genus).	strain AAM1 = BCRC 17888 = JCM 15522.
<i>Aliagarivorans taiwanensis</i>	FJ167391	Jean et al. 2009, sp. nov.	strain AAT1 = BCRC 17889 = JCM 15537.
<i>Alicyclobacillus ferrooxydans</i>	EU137838	Jiang et al. 2008, sp. nov.	strain TC-34 = CGMCC 1.6357 = JCM 15090.
<i>Alishewanella aestuarii</i>	EF660759	Roh et al. 2009, sp. nov.	strain B11 = DSM 19476 = KCTC 22051.
<i>Alkalibacterium kapii</i>	AB294171	Ishikawa et al. 2009, sp. nov.	strain T22-1-2 = DSM 19180 = NBRC 103247 = NRIC 0724
<i>Alkalibacterium pelagium</i>	AB294166	Ishikawa et al. 2009, sp. nov.	strain T143-1-1 = DSM 19183 = NBRC 103242 = NRIC 0719
<i>Alkalibacterium putridalgicola</i>	AB294167	Ishikawa et al. 2009, sp. nov.	strain T129-2-1 = DSM 19182 = NBRC 103243 = NRIC 0720.
<i>Alkalibacterium thalassium</i>	AB294165	Ishikawa et al. 2009, sp. nov.	strain T117-1-2 = DSM 19181 = NBRC 103241 = NRIC 0718.
<i>Alkaliphilus oremlandii</i>	DQ250645	Fisher et al. 2009, sp. nov.	strain OhILAs = ATCC BAA-1360 = DSM 21761.
<i>Alkanibacter difficilis</i>	AJ313020	Friedrich and Lipski 2008, sp. nov. (Type species of the genus).	strain MN154.3 = DSM 14804 = LMG 22842.
<i>Allochromatium phaeobacterium</i>	AM712619	Srinivas et al. 2009, sp. nov.	strain JA144 = DSM 19781 = JCM 14796.
<i>Allochromatium vinosum</i>	FM178268	(Ehrenberg 1838) Imhoff et al. 1998, comb. nov. (Type species of the genus).	strain D = ATCC 17899 = DSM 180.

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<i>Alteromonas genovensis</i>	AM885866	Vandecandelaere et al. 2008, sp. nov.	strain CCUG 55340 = LMG 24078
<i>Ammonifex thiophilus</i>	EF554597	Miroshnichenko et al. 2008, sp. nov.	strain SR = DSM 19636 = VKM B-2461.
<i>Amorphus coralli</i>	DQ097300	Zeevi Ben Yosef et al. 2008, sp. nov. (Type species of the genus).	strain RS.Sph.026 = DSM 19760 = LMG 24307.
<i>Amphritea balenae</i>	AB330883	Miyazaki et al. 2008, sp. nov.	strain JAMM 1525 = ATCC BAA-1529 = JCM 14781.
<i>Amphritea japonica</i>	AB330881	Miyazaki et al. 2008, sp. nov.	strain JAMM 1866 = ATCC BAA-1530 = JCM 14782.
<i>Amycolatopsis marina</i>	EU329845	Bian et al. 2009, sp. nov.	strain Ms392A = CGMCC 4.3568 = NBRC 104263
<i>Amycolatopsis ultimotia</i>	FM177516	Lee 2009, sp. nov.	strain RP-AC36 = DSM 45180 = NRRL B-24662.
<i>Ancylobacter oerskovii</i>	AM778407	Lang et al. 2008, sp. nov.	strain NS05 = CCM 7435 = DSM 18746.
<i>Anoxybacillus bogrovensis</i>	AM409184	Atanassova et al. 2008, sp. nov.	strain BT 13 = DSM 17956 = NBIMCC 8427.
<i>Aquabacterium fontiphilum</i>	EF626687	Lin et al. 2009, sp. nov.	strain CS-6 = BCRC 17729 = LMG 24215.
<i>Aquisalibacillus elongatus</i>	AM911047	Márquez et al. 2008, sp. nov. (Type species of the genus).	strain SH4s = CCM 7366 = CECT 7149 = DSM 18090.
<i>Aquitalea denitrificans</i>	EU594330	Lee et al. 2009, sp. nov.	strain 5YN1-3 = DSM 21300 = KACC 12729.
<i>Arcanobacterium abortisuis</i>	AB305159	Azuma et al. 2009, sp. nov.	strain Murakami = ATCC BAA-1522 = DSM 19515 = JCM 14813.
<i>Arcicella rosea</i>	AM948969	Kämpfer et al. 2009, sp. nov.	strain TW5 = CCM 7523 = CCUG 55942.
<i>Arcobacter mytili</i>	EU669904	Collado et al. 2009, sp. nov.	strain F2075 = CECT 7386 = LMG 24559.
<i>Arthrobacter albidus</i>	AB248533	Ding et al. 2009, sp. nov.	strain LC13 = CCTCC 206018 = IAM 15386 = JCM 21830.
<i>Arthrobacter alkaliphilus</i>	AB248527	Ding et al. 2009, sp. nov.	strain LC6 = CCTCC AB 206013 = IAM 15383 = JCM 21827.

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<i>Arthrobacter defluvi</i>	AM409361	Kim et al. 2008, sp. nov.	strain 4C1-a = DSM 18782 = KCTC 19209.
<i>Arthrobacter echigonensis</i>	AB248531	Ding et al. 2009, sp. nov.	strain LC10 = CCTCC AB 206017 = IAM 15385 = JCM 21829.
<i>Arthrobacter niigatensis</i>	AB248526	Ding et al. 2009, sp. nov.	strain LC4 = CCTCC AB 206012 = IAM 15382 = JCM 21826.
<i>Arthrobacter phenanthrenivorans</i>	AM176541	Kallimanis et al. 2009, sp. nov.	strain Sphe3 = DSM 18606 = LMG 23796
<i>Arthrobacter sanguinis</i>	EU086805	Mages et al. 2009, sp. nov.	strain CCUG 46407 = DSM 21259
<i>Arthrobacter soli</i>	EF660748	Roh et al. 2008, sp. nov.	strain SYB2 = DSM 19449 = KCTC 19291.
<i>Arthrobacter subterraneus</i>	DQ097525	Chang et al. 2008, sp. nov.	strain CH7 = DSM 17585 = KCTC 9997.
<i>Asaia lannensis</i>	AB286050	corrig. Malimas et al. 2008, sp. nov.	strain AB92 = BCC 15733 = NBRC 102526.
<i>Aurantimonas coralicida</i>	AJ786361	Denner et al. 2003, sp. nov. (Type species of the genus).	strain WP1 = CIP 107386 = DSM 14790.
<i>Azospirillum picis</i>	AM922283	Lin et al. 2009, sp. nov.	strain IMMIB TAR-3 = CCUG 55431 = DSM 19922.
<i>Bacillus aidingensis</i>	DQ504377	Xue et al. 2008, sp. nov.	strain 17-5 = CGMCC 1.3227 = DSM 18341
<i>Bacillus alkalidiazotrophicus</i>	EU143680	Sorokin et al. 2008, sp. nov.	strain MS 6 = NCCB 100213 = UNIQEM U377.
<i>Bacillus alkalinitrilicus</i>	EF422411	Sorokin et al. 2009, sp. nov.	strain ANL-iso4 = NCCB 100120 = UNIQEM U240.
<i>Bacillus alkalitelluris</i>	AY829448	Lee et al. 2008, sp. nov.	strain BA288 = DSM 16976 = KCTC 3947.
<i>Bacillus azotoformans</i>	AB363732	(ex Pichinoty et al. 1976) Pichinoty et al. 1983, sp. nov., nom. rev.	strain 1 = ATCC 29788 = CCM 2849 = CCUG 28517 = CIP 77.28 = DSM 1046 = HAMBI 1884 = IFO (now NBRC) 15712 = JCM 12210 = LMG 9581 = NRRL B-14310 = NRRL B-14522.
<i>Bacillus beijingensis</i>	EF371374	Qiu et al. 2009, sp. nov.	strain ge10 = CGMCC 1.6762 = DSM 19037.

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<i>Bacillus canaveralius</i>	DQ870688	Newcombe et al. 2009, sp. nov.	strain KSC SF8b = ATCC BAA-1493 = MTCC 8908.
<i>Bacillus cecembensis</i>	AM773821	Reddy et al. 2008, sp. nov.	strain PN5 = JCM 15113 = LMG 23935 = MTCC9127.
<i>Bacillus ginsengi</i>	EF371375	Qiu et al. 2009, sp. nov.	strain ge14 = CGMCC 1.6763 = DSM 19038.
<i>Bacillus insolitus</i>	AM980508	Larkin and Stokes 1967, species.	strain ATCC 23299 = CCUG 7420 = CIP 103268 = DSM 5 = HAMBI 477 = LMG 17757 = NRRL B-3395.
<i>Bacillus korlensis</i>	EU603328	Zhang et al. 2009, sp. nov.	strain ZLC-26 = CCTCC AB 207172 = NRRL B-51302.
<i>Bacillus nealsonii</i>	EU656111	Venkateswaran et al. 2003, sp. nov.	strain FO-92 = ATCC BAA-519 = DSM 15077.
<i>Bacillus solisalsi</i>	EU046268	Liu et al. 2009, sp. nov.	strain YC1 = CGMCC 1.6854 = KCTC 13181.
<i>Bacteroides graminisolvens</i>	AB363973	Nishiyama et al. 2009, sp. nov.	strain XDT-1 = DSM 19988 = JCM 15093.
<i>Bacteroides pectinophilus</i>	ABVQ01000036	Jensen and Canale-Parola 1987, sp. nov.	strain N3 = ATCC 43243.
<i>Barnesiella intestinhominis</i>	AB370251	Morotomi et al. 2008, sp. nov.	strain YIT 11860 = DSM 21032 = JCM 15079.
<i>Bermanella marisrubri</i>	AY136131	Pinhassi et al. 2009, sp. nov. (Type species of the genus).	strain RED65 = CCUG 52064 = CECT 7074.
<i>Bifidobacterium asteroides</i>	EF187235	Scardovi and Trovatelli 1969, species.	strain AS 1.2266 = ATCC 25910 = BCRC (formerly CCRC) 14659 = CCUG 24607 = DSM 20089 = JCM 8230 = LMG 10735.
<i>Bifidobacterium longum subsp. infantis</i>	D86184	(Reuter 1963) Mattarelli et al. 2008, comb. nov.	strain S12 = AS 1.1853 = AS 1.2202 = ATCC 15697 = BCRC (formerly CCRC) 14602 = BCRC (formerly CCRC) 15416 = CCUG 30512 B = CIP 64.67 = DSM 20088 = HAMBI 555 = HAMBI 574 = HAMBI 1374 = JCM 1222 = LMG 8811 = NCAIM B.01821 = NCIMB 702205 (formerly NCFB 2205) = NCTC 11817

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<i>Bifidobacterium longum subsp. suis</i>	M58743	(Matteuzzi et al. 1971) Mattarelli et al. 2008, comb. nov.	strain Su859 = ATCC 27533 = BCRC (formerly CCRC) 14671 = CIP 103377 = CCUG 35234 = DSM 20211 = HAMB1 1381 = JCM 1269 = LMG 11598
<i>Bifidobacterium magnum</i>	M58740	Scardovi and Zani 1974, species.	strain AS 1.2189 = ATCC 27540 = BCRC (formerly CCRC) 14676 = CCUG 34987 = DSM 20222 = HAMB1 569 = JCM 1218 = LMG 11591.
<i>Bifidobacterium mongoliense</i>	AB433856	Watanabe et al. 2009, sp. nov.	strain YIT 10443 = DSM 21395 = JCM 15461.
<i>Biostraticola tofi</i>	AM774412	Verbarg et al. 2008, sp. nov. (Type species of the genus).	strain BF36 = CIP109699 = DSM 19580.
<i>Bizionia argentinensis</i>	EU021217	Bercovich et al. 2008, sp. nov.	strain JUB59 = CCM-A-29 1259 = DSM 19628.
<i>Blautia coccooides</i>	M59090	(Kaneuchi et al. 1976) Liu et al. 2008, comb. nov. (Type species of the genus)	strain ATCC 29236 = DSM 935 = JCM 1395 = NCTC 11035
<i>Blautia wexlerae</i>	EF036467	Liu et al. 2008, sp. nov.	strain WAL 14507 = ATCC BAA-1564 = DSM 19850.
<i>Bowmanella pacifica</i>	EU440951	Lai et al. 2009, sp. nov.	strain W3-3A = CGMCC 1.7086 = LMG 24568 = MCCC 1A01018
<i>Bradyrhizobium jicamae</i>	AY624134	Ramírez-Bahena et al. 2009, sp. nov.	strain PAC68 = CECT 7395 = LMG 24556.
<i>Bradyrhizobium pachyrhizi</i>	AY624135	Ramírez-Bahena et al. 2009, sp. nov.	strain PAC48 = CECT 7396 = LMG 24246.
<i>Brevibacillus panacihumi</i>	EU383033	Kim et al. 2009, sp. nov.	strain DCY35 = JCM 15085 = KCTC 13206.
<i>Brevibacterium ravenspurgense</i>	EU086793	Mages et al. 2009, sp. nov.	strain CCUG 56047 = DSM 21258
<i>Burkholderia arboris</i>	AM747630	Vanlaere et al. 2008, sp. nov.	strain ES0263A = R-24201 = CCUG 54561 = LMG 24066
<i>Burkholderia diffusa</i>	AM747629	Vanlaere et al. 2008, sp. nov.	strain AU1075 = R-15930 = CCUG 54558 = LMG 24065.

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<i>Burkholderia gladioli</i>	EU024168	(Severini 1913) Yabuuchi et al. 1993, comb. nov.	strain ATCC 10248 = CCUG 1782 = CFBP 2427 = CIP 105410 = DSM 4285 = HAMBI 2157 = ICMP 3950 = IFO (now NBRC) 13700 = JCM 9311 = LMG 2216 = NCCB 38018 = NCPPB 1891 = NCTC 12378 = NRRL B-793.
<i>Burkholderia lata</i>	CP000150	Vanlaere et al. 2009, sp. nov.	strain 383 = ATCC 17760 = CCUG 55525 = LMG 22485.
<i>Burkholderia latens</i>	AM747628	Vanlaere et al. 2008, sp. nov.	strain FIRENZE 3 = R-5630 = CCUG 54555 = LMG 24064.
<i>Burkholderia metallica</i>	AM747632	Vanlaere et al. 2008, sp. nov.	strain AU0553 = R-16017 = CCUG 54567 = LMG 24068.
<i>Burkholderia sabiae</i>	AY773186	Chen et al. 2008, sp. nov.	strain Br3407 = BCRC 17587 = LMG 24235.
<i>Burkholderia seminalis</i>	AM747631	Vanlaere et al. 2008, sp. nov.	strain AU0475 = R-24196 = CCUG 54564 = LMG 24067.
<i>Butyricicoccus pullicaecorum</i>	EU410376	Eckhaut et al. 2008, sp. nov. (Type species of the genus).	strain 25-3 = CCUG 55265 = LMG 24109.
<i>Butyricimonas synergistica</i>	AB443948	Sakamoto et al. 2009, sp. nov. (Type species of the genus).	strain MT01 = CCUG 56610 = JCM 15148.
<i>Butyricimonas virosa</i>	AB443949	Sakamoto et al. 2009, sp. nov.	strain MT12 = CCUG 56611 = JCM 15149.
<i>Caldimicrobium rimae</i>	EF554596	Miroshnichenko et al. 2009, sp. nov. (Type species of the genus).	strain DS = DSM 19393 = VKM B-2460.
<i>Calditerrivibrio nitroreducens</i>	AB364234	Iino et al. 2008, sp. nov. (Type species of the genus).	strain Yu37-1 = DSM 19672 = NBRC 101217.
<i>Caloramator australicus</i>	EU409943	Ogg and Patel 2009, sp. nov.	strain RC3 = JCM 1508 = KCTC 5601
<i>Campylobacter cuniculorum</i>	DQ400345	Zanoni et al. 2009, sp. nov.	strain 150B = CCUG 56289 = LMG 24588.
<i>Campylobacter lari</i> subsp. <i>concheus</i>	AM922330	Debruyne et al. 2009, subsp. nov.	strain 2897R = CCUG 55786 = LMG 21009.
<i>Campylobacter peloridis</i>	AM922331	Debruyne et al. 2009, sp. nov.	strain 2314BVA = CCUG 55787 = LMG 23910.

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<i>Carboxydothemus hydrogenoformans</i>	CP000141	Svetlichny et al. 1991, sp. nov. (Type species of the genus).	strain Z-2901 = ATCC BAA-161 = DSM 6008.
<i>Carboxydothemus siderophilus</i>	EF542810	Slepova et al. 2009, sp. nov.	strain 1315 = DSM 21278 = VKM B-2474 = VKPM 9905B
<i>Castellaniella caeni</i>	AB166879	Liu et al. 2008, sp. nov.	strain Ho-11 = KCTC 12197 = LMG 23411.
<i>Catenulispora subtropica</i>	AB327248	Tamura et al. 2008, sp. nov.	strain TT 99-48 = KCTC 19328 = NBRC 103395.
<i>Catenulispora yoronensis</i>	AB327250	Tamura et al. 2008, sp. nov.	strain TT N02-20 = KCTC 19327 = NBRC 103397.
<i>Caulobacter mirabilis</i>	AJ227774	Abraham et al. 2008, sp. nov.	strain FWC 38 = CCUG 55073 = LMG 24261.
<i>Cellulomonas aerilata</i>	EU560979	Lee et al. 2008, sp. nov.	strain 5420S-23 = DSM 18649 = KACC 20692.
<i>Cellulomonas chitinilytica</i>	AB268586	Yoon et al. 2008, sp. nov.	strain X.bu-b = DSM 17922 = KCTC 19133
<i>Cellulophaga tyrosinoxydans</i>	EU443205	Kahng et al. 2009, sp. nov.	strain EM41 = DSM 21164 = KCTC 22297.
<i>Chelatococcus daeguensis</i>	EF584507	Yoon et al. 2008, sp. nov.	strain K106 = CCUG 54519 = KCTC 12979.
<i>Chelonobacter oris</i>	EU331064	Gregersen et al. 2009, sp. nov. (Type species of the genus).	strain 1662 = CCUG 55632 = DSM 21392.
<i>Chitinophaga niabensis</i>	EU714259	Weon et al. 2009, sp. nov.	strain JS13-10 = JCM 15440 = KACC 12952.
<i>Chitinophaga niastensis</i>	EU714260	Weon et al. 2009, sp. nov.	strain JS16-4 = JCM 15441 = KACC 12954.
<i>Chryseobacterium hungaricum</i>	EF685359	Szoboszlay et al. 2008, sp. nov.	strain CHB-20p = DSM 19684 = NCAIM B2269.
<i>Chryseobacterium oranimense</i>	EF204451	Hantsis-Zacharov et al. 2008, sp. nov.	strain H8 = DSM 19055 = LMG 24030.
<i>Citrobacter youngae</i>	AB273741	Brenner et al. 1993, sp. nov.	strain ATCC 29935 = CCUG 30791 = CDC 460-61 = CIP 105016.

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<i>Clavibacter michiganensis subsp. sepedonicus</i>	AM849034	corrige. (Spieckermann and Kotthoff 1914) Davis et al. 1984, comb. nov.	strain ATCC 33113 = CCUG 23908 = CIP 104844 = CFBP 2049 = DSM 20744 = ICMP 2535 = JCM 9667 = LMG 2889 = NCPPB 2137 = VKM Ac-1405.
<i>Cloacibacillus evryensis</i>	CU463952	Ganesan et al. 2008, sp. nov. (Type species of the genus).	strain 158 = DSM 19522 = JCM 14828.
<i>Clostridium amylolyticum</i>	EU037903	Song and Dong 2008, sp. nov.	strain SW408 = AS 1.5069 = CGMCC 1.5069 = JCM 14823
<i>Clostridium caenicola</i>	AB221372	Shiratori et al. 2009, sp. nov.	strain EBR596 = DSM 19027 = NBRC 102590.
<i>Clostridium clariflavum</i>	AB186359	Shiratori et al. 2009, sp. nov.	strain EBR45 = EBR-02E-0045 = DSM 19732 = NBRC 101661.
<i>Clostridium kluveri</i>	CP000673	Barker and Taha 1942, species.	strain ATCC 8527 = DSM 555 = IFO (now NBRC) 12016 = NCIB (now NCIMB) 10680 = NCCB 72061 = NCCB 46095.
<i>Clostridium lavalense</i>	EF564277	Domingo et al. 2009, sp. nov.	strain CCRI-9842 = CCUG 54291 = JCM 14986 = NML 03-A-015.
<i>Clostridium phytofermentans</i>	CP000885	Warnick et al. 2002, sp. nov.	strain ISDg = ATCC 700394 = DSM 18823.
<i>Clostridium sufflavum</i>	AB267266	Nishiyama et al. 2009, sp. nov.	strain CDT-1 = DSM 19573 = JCM 14807.
<i>Clostridium sulfidigenes</i>	EF199998	Sallam and Steinbüchel 2009, sp. nov.	strain SGB2 = ATCC BAA-1538 = DSM 18982.
<i>Clostridium tagluense</i>	DQ296031	Suetin et al. 2009, sp. nov.	strain A121 = DSM 17763 = VKM B-2369.
<i>Cohnella phaseoli</i>	EU014872	García-Fraile et al. 2008, sp. nov.	strain GSPC1 = DSM 19269 = LMG 24086.
<i>Colwellia polaris</i>	DQ007434	Zhang et al. 2008, sp. nov.	strain 537 = CGMCC 1.6132 = JCM 13952.
<i>Congregibacter litoralis</i>	AAOA01000004	Spring et al. 2009, sp. nov. (Type species of the genus).	strain KT71 = DSM 17192 = NBRC 104960.
<i>Corynebacterium freiburgense</i>	FJ157329	Funke et al. 2009, sp. nov.	strain 1045 = CCUG 56874 = DSM 45254.
<i>Corynebacterium hansenii</i>	AM946639	Renaud et al. 2007, sp. nov.	strain C-138 = CCUG 53252 = CIP 108444.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Corynebacterium lubricantis</i>	FM173119	Kämpfer et al. 2009, sp. nov.	strain KSS-3Se = CCM 7546 = CCUG 56567 = DSM 45231
<i>Corynebacterium massiliense</i>	EF217056	Merhej et al. 2009, sp. nov.	strain 5402485 = CCUG 53857 = CIP 109423 = CSUR P19.
<i>Corynebacterium sputi</i>	AM930556	Yassin and Siering 2008, sp. nov.	strain IMMIB L-999 = CCUG 55795 = DSM 45148.
<i>Corynebacterium timonense</i>	EF217055	Merhej et al. 2009, sp. nov.	strain 5401744 = CCUG 53856 = CIP 109424 = CSUR P20.
<i>Corynebacterium ulceribovis</i>	AM922112	Yassin 2009, sp. nov.	strain IMMIB L-1395 = CCUG 55727 = DSM 45146.
<i>Croceitalea dokdonensis</i>	DQ191182	Lee et al. 2008, sp. nov. (Type species of the genus).	strain DOKDO 023 = JCM 13826 = KCCM 42308.
<i>Croceitalea eckloniae</i>	DQ191183	Lee et al. 2008, sp. nov. (Type species of the genus).	strain DOKDO 025 = JCM 13827 = KCCM 42309.
<i>Cucumibacter marinus</i>	EF211830	Hwang and Cho 2008, sp. nov. (Type species of the genus).	strain CL-GR60 = DSM 18995 = KCCM 90027.
<i>Curtobacterium ginsengisoli</i>	EF587758	Kim et al. 2008, sp. nov.	strain DCY26 = JCM 14773 = KCTC 13163.
<i>Dasania marina</i>	AY771747	Lee et al. 2008, sp. nov. (Type species of the genus).	strain KOPRI 20902 = JCM 13441 = KCTC 12566.
<i>Deferribacter autotrophicus</i>	EU407777	Slobodkina et al. 2009, sp. nov.	strain SL50 = DSM 21529 = VKPM B-10097.
<i>Deinococcus aerius</i>	AB087288	Yang et al. 2009, sp. nov.	strain TR0125 = DSM 21212 = JCM 11750.
<i>Deinococcus aquaticus</i>	DQ017708	Im et al. 2008, sp. nov.	strain PB314 = KCTC 12552 = NBRC 101311.
<i>Deinococcus aquatilis</i>	AM940971	Kämpfer et al. 2008, sp. nov.	strain CCM 7524 = CCUG 53370
<i>Deinococcus aquiradiocola</i>	AB265180	Asker et al. 2009, sp. nov.	strain TDMA-uv53 = CCUG 53612 = JCM 14371 = NBRC 102118
<i>Deinococcus caeni</i>	DQ017709	Im et al. 2008, sp. nov.	strain Ho-08 = KCTC 12553 = NBRC 101312.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Deinococcus gobiensis</i>	EU427464	Yuan et al. 2009, sp. nov.	strain I-0 = CGMCC 1.7299 = DSM 21396.
<i>Deinococcus misasensis</i>	AB264135	Asker et al. 2008, sp. nov.	strain TDMA-25 = CCUG 53610 = JCM 14369 = NBRC 102116.
<i>Deinococcus roseus</i>	AB264136	Asker et al. 2008, sp. nov.	strain TDMA-uv51 = CCUG 53611 = JCM 14370 = NBRC 102117.
<i>Deinococcus xinjiangensis</i>	EU626561	Peng et al. 2009, sp. nov.	strain X-82 = CCTCC AB 207226 = NRRL B-51287.
<i>Demequina lutea</i>	EF451745	Finster et al. 2009, sp. nov.	strain SV45 = RODXS3 = DSM 19970 = LMG 24795.
<i>Desmospora activa</i>	AM940019	assin et al. 2009, sp. nov. (Type species of the genus)	strain IMMIB L-1269 = CCUG 55916 = DSM 45169
<i>Desulfobotulus sapovorans</i>	FJ789839	(Widdel 1981) Kuever et al. 2009, comb. nov. (Type species of the genus).	strain 1pa3 = Lindhorst = ATCC 33892 = DSM 2055.
<i>Desulfonatronospira delicata</i>	EU296539	Sorokin et al. 2008, sp. nov.	strain AHT 6 = DSM19491 = UNIQEM U275.
<i>Desulfonatronospira thiodismutans</i>	EU296537	Sorokin et al. 2008, sp. nov. (Type species of the genus).	strain ASO3-1 = DSM 19093 = UNIQEM U234.
<i>Desulfonauticus autotrophicus</i>	FJ194951	Mayilraj et al. 2009, sp. nov.	strain TeSt = DSM 4206 = JCM 13028.
<i>Desulfotomaculum hydrothermale</i>	EF081293	Haouari et al. 2008, sp. nov.	strain Lam5 = DSM 18033 = JCM 13992.
<i>Desulfovibrio aerotolerans</i>	AY746987	Mogensen et al. 2009, sp. nov.	strain DvO5 = DSM 16695 = JCM 12613
<i>Desulfovibrio marinisediminis</i>	AB353727	Takii et al. 2008, sp. nov.	strain C/L2 = DSM 17456 = JCM 14577 = NBRC 101113
<i>Desulfovibrio marrakechensis</i>	AM947130	Chamkh et al. 2009, sp. nov.	strain EMSSDQ4 = ATCC BAA-1562 = DSM 19337.
<i>Desulfovibrio paquesii</i>	AY726757	van Houten et al. 2009, sp. nov.	strain SB1 = DSM 16681 = JCM 14635.
<i>Desulfovibrio tunisiensis</i>	EF577029	Ben Ali Gam et al. 2009, sp. nov.	strain RB22 = DSM 19275 = JCM 15076 = NCIMB 14400

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<i>Desulfurivibrio alkaliphilus</i>	EF422413	Sorokin et al. 2008, sp. nov. (Type species of the genus).	strain AHT 2 = DSM 19089 = UNIQEM U267.
<i>Desulfurococcus kamchatkensis</i>	EU167539	Kublanov et al. 2009, sp. nov.	strain 1221n = DSM 18924 = VKM B-2413.
<i>Dethiobacter alkaliphilus</i>	EF422412	Sorokin et al. 2008, sp. nov. (Type species of the genus).	strain AHT 1 = DSM 19026 = UNIQEM U266.
<i>Devosia albogilva</i>	EF433460	Verma et al. 2009, sp. nov.	strain IPL15 = CCM 7427 = MTCC 8594.
<i>Devosia crocina</i>	EF433461	Verma et al. 2009, sp. nov.	strain IPL20 = CCM 7425 = MTCC 8590.
<i>Devriesea agamarum</i>	EU009865	Martel et al. 2008, sp. nov. (Type species of the genus).	strain IMP2 = CCUG 55056 = LMG 24257.
<i>Dialister succinatiphilus</i>	AB370249	Morotomi et al. 2008, sp. nov.	strain YIT 11850 = DSM 21274 = JCM 15077.
<i>Diaphorobacter oryzae</i>	EU342381	Pham et al. 2009, sp. nov.	strain RF3 = KCTC 22225 = LMG 24467
<i>Dictyoglomus turgidum</i>	CP001251	corrig. Svetlichny and Svetlichnayá 1995, sp. nov.	strain Z-1310 = DSM 6724.
<i>Dietzia cercidiphylli</i>	EU375846	Li et al. 2008, sp. nov.	strain YIM 65002 = CCTCC AA 207016 = DSM 45140.
<i>Dietzia schimae</i>	EU375845	Li et al. 2008, sp. nov.	strain YIM 65001 = CCTCC AA 207015 = DSM 45139.
<i>Dokdonella ginsengisoli</i>	AB245362	Ten et al. 2009, sp. nov.	strain Gsoil 191 = CCUG 52462 = DSM 17954 = KCTC 12564.
<i>Dokdonella soli</i>	EU685334	Yoo et al. 2009, sp. nov.	strain KIS28-6 = JCM 15421 = KACC 12741.
<i>Donghicola xiamenensis</i>	DQ120728	Tan et al. 2009, sp. nov.	strain Y-2 = CGMCC 1.7081 = LMG 24574 = MCCC 1A00107.
<i>Dyadobacter alkalitolerans</i>	EU360597	Tang et al. 2009, sp. nov.	strain 12116 = CCTCC AB 207176 = NRRL B-51268.
<i>Dyella ginsengisoli</i>	AB245367	Jung et al. 2009, sp. nov.	strain Gsoil 3046 = DSM 18387 = KCTC 12599.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Dyella marensis</i>	AM939778	Lee and Lee 2009, sp. nov.	strain CS5-B2 = JCM 14959 = KCTC 22144.
<i>Dyella soli</i>	EU604272	Weon et al. 2009, sp. nov.	strain JS12-10 = JCM 15423 = KACC 12747.
<i>Dyella terrae</i>	EU604273	Weon et al. 2009, sp. nov.	strain JS14-6 = JCM 15424 = KACC 12748.
<i>Ectothiorhodospira variabilis</i>	AM943121	Gorlenko et al. 2009, sp. nov.	strain WN22 = DSM 21381 = VKM B-2479.
<i>Enterococcus thailandicus</i>	EF197994	Tanasupawat et al. 2008, sp. nov.	strain FP48-3 = KCTC 13134 = NBRC 101867 = NRIC 0107 = PCU 282 = TISTR 933.
<i>Enterorhabdus mucosicola</i>	AM747811	Clavel et al. 2009, sp. nov. (Type species of the genus).	strain Mt1B8 = CUG 54980 = DSM 19490.
<i>Enterovibrio nigricans</i>	AM942722	Pascual et al. 2009, sp. nov.	strain DAI 1-1-5 = CAIM 661 = CECT 7320.
<i>Entomoplasma melaleucaae</i>	AY345990	(Tully et al. 1990) Tully et al. 1993, comb. nov.	strain M1 = ATCC 49191 = NCTC 11715.
<i>Eudoraea adriatica</i>	AM745437	Alain et al. 2008, sp. nov. (Type species of the genus).	strain AS06/20a = OOB 358 = CIP 109577 = DSM 19308.
<i>Exiguobacterium soli</i>	AY864633	Chaturvedi et al. 2008, sp. nov.	strain DVS 3Y = JCM 14376 = MTCC 4816.
<i>Exilispira thermophila</i>	AB364473	Imachi et al. 2008, sp. nov. (Type species of the genus).	strain RASEN = JCM 14728 = KCTC 5595 = NBRC 103205.
<i>Ferrimicrobium acidiphilum</i>	AF251436	Johnson et al. 2009, sp. nov. (Type species of the genus).	strain T23 = ATCC BAA-1647 = DSM 19497.
<i>Ferrithrix thermotolerans</i>	AY140237	Johnson et al. 2009, sp. nov. (Type species of the genus)	strain Y005 = ATCC BAA-1645 = DSM 19514.
<i>Fervidicola ferrireducens</i>	EU443728	Ogg and Patel 2009, sp. nov. (Type species of the genus).	strain Y170 = DSM 21121 = JCM 15106 = KCTC 5610
<i>Fervidobacterium nodosum</i>	CP000771	Patel et al. 1985, sp. nov. (Type species of the genus).	strain Rt17-B1 = ATCC 35602 = DSM 5306.
<i>Filimonas lacunae</i>	AB362776	Shiratori et al. 2009, sp. nov. (Type species of the genus).	strain YT21 = YT0021 = DSM 21054 = NBRC 104114.

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<i>Filomicrobium insigne</i>	EF117253	Wu et al. 2009, sp. nov.	strain SLG5B-19 = CGMCC 1.6497 = LMG 23927
<i>Flavobacterium cheniae</i>	EF407880	Qu et al. 2008, sp. nov.	strain NJ-26 = CGMCC 1.6844 = NBRC 103934.
<i>Flavobacterium chungangense</i>	EU924275	Kim et al. 2009, sp. nov.	strain CJ7 = JCM 15651 = KACC 13353.
<i>Flavobacterium lindanitolerans</i>	EF424395	Jit et al. 2008, sp. nov.	strain IP-10 = CCM 7424 = MTCC 8597.
<i>Flavobacterium resistens</i>	EF575563	Ryu et al. 2008, sp. nov.	strain BD-b365 = DSM 19382 = KCTC 22078.
<i>Flavobacterium sasangense</i>	EU423319	Yoon et al. 2009, sp. nov.	strain YC6274 = DSM 21067 = KCTC 22246
<i>Fluoribacter bozemanae</i>	M36031	Garrity et al. 1980, sp. nov. (Type species of the genus).	strain WIGA = ALLO1 = ATCC 33217 = CIP 103872
<i>Fodinicola feengrottensis</i>	EF490376	Carlsohn et al. 2008, sp. nov. (Type species of the genus).	strain HKI 0501 = DSM 19247 = JCM 14718.
<i>Francisella noatunensis</i> subsp. <i>orientalis</i>	EU683030	Ottem et al. 2009, subsp. nov.	strain Ehime-1 = DSM 21254 = LMG 24544.
<i>Frigoribacterium mesophilum</i>	EF466126	Dastager et al. 2008, sp. nov.	strain MSL-08 = DSM 19442 = KCTC 19311.
<i>Fulvibacter tottoriensis</i>	AB294107	Khan et al. 2008, sp. nov. (Type species of the genus).	strain MTT-39 = CGMCC 1.7058 = KCTC 22214 = NBRC 102624.
<i>Gallibacterium melopsittaci</i>	EU423985	Bisgaard et al. 2009, sp. nov.	strain F450 = CCM 7538 = CCUG 36331.
<i>Gallibacterium salpingitidis</i>	L06078	Bisgaard et al. 2009, sp. nov.	strain F150 = CCUG 15564 = CCUG 36325 = NCTC 11414.
<i>Gallibacterium trehalosifermentans</i>	EU339199	Bisgaard et al. 2009, sp. nov.	strain 52/S3/90 = CCUG 55631 = CCM 7539.
<i>Geminicoccus roseus</i>	AM403172	Foesel et al. 2008, sp. nov. (Type species of the genus).	strain D2-3 = ATCC BAA-1445 = DSM 18922.
<i>Geoalkalibacter subterraneus</i>	EU182247	Greene et al. 2009, sp. nov.	strain Red1 = JCM 15104 = KCTC 5626.
<i>Georgenia thermotolerans</i>	AB436534	Hamada et al. 2009, sp. nov.	strain TT02-04 = DSM 21501 = NBRC 104148.

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<i>Glaciacola lipolytica</i>	EU183316	Chen et al. 2009, sp. nov.	strain E3 = CGMCC 1.7001 = JCM 15139
<i>Glaciibacter superstes</i>	AB378301	Katayama et al. 2009, sp. nov. (Type species of the genus).	strain AHU1791 = DSM 21135 = NBRC 104264
<i>Gluconobacter japonicus</i>	AB253435	Malimas et al. 2009, sp. nov.	strain 7, K. Kondo = NBRC 3271 = BCC 14458.
<i>Gluconobacter roseus</i>	AB178429	(ex Asai 1935) Malimas et al. 2008, sp. nov., nom. rev.	strain G-2, T. Asai = BCC 14456 = IAM 1839 = JCM 20294 = NBRC 3990.
<i>Gluconobacter sphaericus</i>	AB178431	(Ameyama 1975) Malimas et al. 2008, comb. nov.	strain BCC 14448 = CIP 106061 = LMG 1414 = NBRC 12467.
<i>Glycomyces endophyticus</i>	EU200681	Qin et al. 2008, sp. nov.	strain YIM 56134 = DSM 45002 = KCTC 19152.
<i>Glycomyces mayteni</i>	EU814511	Qin et al. 2009, sp. nov.	strain YIM 61331 = CCTCC AA 208004 = KCTC 19527
<i>Glycomyces scopariae</i>	EU200682	Qin et al. 2009, sp. nov.	strain YIM 56256 = DSM 44968 = KCTC 19158.
<i>Gordonia cholesterolivorans</i>	EU244645	Drzyzga et al. 2009, sp. nov.	strain Chol-3 = CECT 7408 = DSM 45229.
<i>Gordonia kroppenstedtii</i>	AM883151	Kim et al. 2009, sp. nov.	strain NP8-5 = DSM 45133 = KCTC 19360.
<i>Gordonia lacunae</i>	EF151959	le Roes et al. 2009, sp. nov.	strain BS2 = DSM 45085 = NRRL B-24551.
<i>Gordonibacter pamelaeeae</i>	AM886059	Würdemann et al. 2009, sp. nov. (Type species of the genus).	strain 7-10-1-b = CCUG 55131 = DSM 19378.
<i>Gracilibacillus halophilus</i>	EU135704	Chen et al. 2008, sp. nov.	strain YIM-C55.5 = CGMCC 1.6303 = DSM 17856
<i>Gracilibacillus lacisalsi</i>	DQ664540	Jeon et al. 2008, sp. nov.	strain BH312 = DSM 19029 = KCTC 13129.
<i>Gracilibacillus saliphilus</i>	EU784646	Tang et al. 2009, sp. nov.	strain YIM 91119 = CCTCC AA 208015 = DSM 19802.
<i>Gracilimonas tropica</i>	EF988655	Choi et al. 2009, sp. nov. (Type species of the genus).	strain CL-CB462 = DSM 19535 = KCCM 90063.

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<i>Haemophilus parahaemolyticus</i>	AJ295746	Pittman 1953, species.	strain ATCC 10014 = CCUG 3716 = CIP 56.86 = NCTC 8479.
<i>Halanaerobaculum tunisiense</i>	EU327343	Hedi et al. 2009, sp. nov. (Type species of the genus).	strain 6SANG = DSM 19997 = JCM 15060
<i>Haliea rubra</i>	EU161717	Urios et al. 2009, sp. nov.	strain CM41_15a = CIP 109758 = DSM 19751 = MOLA 104.
<i>Haloactinospora alba</i>	DQ923130	Tang et al. 2008, sp. nov. (Type species of the genus).	strain YIM 90648 = CCTCC AA 206008 = DSM 45015.
<i>Halobacterium piscisalsi</i>	AB285020	Yachai et al. 2008, sp. nov.	strain HPC1-2 = BCC 24372 = JCM 14661 = PCU 302.
<i>Haloferax elongans</i>	DQ860977	Allen et al. 2008, sp. nov.	strain SA5 = ATCC BAA-1513 = JCM 14791 = UNSW 104100
<i>Haloferax mucosum</i>	DQ860980	Allen et al. 2008, sp. nov.	strain PA12 = ATCC BAA-1512 = JCM 14792 = UNSW 104200
<i>Haloferula harenae</i>	AB372852	Yoon et al. 2008, sp. nov.	strain YM23-227 = KCTC 22198 = MBIC08299.
<i>Haloferula helveola</i>	AB372855	Yoon et al. 2008, sp. nov.	strain 05IJR53-1 = KCTC 22199 = MBIC08342.
<i>Haloferula phyci</i>	AB372854	Yoon et al. 2008, sp. nov.	strain AK18-024 = KCTC 22200 = MBIC08341.
<i>Haloferula rosea</i>	AB372853	Yoon et al. 2008, sp. nov. (Type species of the genus).	strain 06SJR1-1 = KCTC 22201 = MBIC08340.
<i>Haloferula sargassicola</i>	AB372856	Yoon et al. 2008, sp. nov.	strain MN1-1037 = KCTC 22202 = MBIC08343.
<i>Haloglycomyces albus</i>	EU660053	Guan et al. 2009, sp. nov. (Type species of the genus).	strain YIM 92370 = DSM 45210 = KCTC 19481.
<i>Halolactibacillus alkaliphilus</i>	EF554593	Cao et al. 2008, sp. nov.	strain H-5 = CGMCC AS 1.6843 = NBRC 103919.
<i>Halomicrobium katesii</i>	EF533994	Kharroub et al. 2008, sp. nov.	strain AI-5 = CECT 7257 = DSM 19301.
<i>Halomonas daqingensis</i>	EF121854	Wu et al. 2008, sp. nov.	strain DQD2-30 = CGMCC 1.6443 = LMG 23896.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Halomonas fontilapidosi</i>	EU541349	González-Domenech et al. 2009, sp. nov.	strain 5CR = CECT 7341 = LMG 24455.
<i>Halomonas halophila</i>	AM941744	(Quesada et al. 1984) Dobson and Franzmann 1996, comb. nov.	strain F5-7 = ATCC 49969 = CCM 3662 = CIP 103512 = DSM 4770 = JCM 20791 = LMG 6456.
<i>Halomonas ilicicola</i>	EU218533	Arenas et al. 2009, sp. nov.	strain SP8 = CCM 7522 = CECT 7331 = DSM 19980.
<i>Halomonas korlensis</i>	EU085033	Li et al. 2008, sp. nov.	strain XK1 = CGMCC 1.6981 = DSM 19633.
<i>Halomonas lutea</i>	EF674852	Wang et al. 2008, sp. nov.	strain YIM 91125 = CCTCC AB 206093 = KCTC 12847.
<i>Halomonas salifodinae</i>	EF527873	Wang et al. 2008, sp. nov.	strain BC7 = CGMCC 1.6774 = JCM 14803.
<i>Haloplasma contractile</i>	EF999972	Antunes et al. 2008 (complete authorship reads Antunes, Rainey, da Costa and Huber), sp. nov. (Type species of the genus).	strain SSD-17B = DSM 18853 = JCM 14575.
<i>Halorhodospira halophila</i>	CP000544	(Raymond and Sistrof 1969) Imhoff and Söling 1997, comb. nov. (Type species of the genus).	strain DSM 244.
<i>Halorubrum californiense</i>	EF139654	Pesenti et al. 2008, sp. nov.	strain SF3-213 = CECT 7256 = DSM 19288 = JCM 14715.
<i>Halorubrum chaoviator</i>	AM048786	Mancinelli et al. 2009, sp. nov.	strain Halo-G* = ATCC BAA-1602 = DSM 19316 = NCIMB 14426.
<i>Halorubrum kocurii</i>	AM900832	Gutiérrez et al. 2008, sp. nov.	strain BG-1 = CECT 7322 = CGMCC 1.7018 = JCM 14978.
<i>Haloterrigena salina</i>	AM942763	Gutiérrez et al. 2008, sp. nov.	strain XH-65 = CGMCC 1.6203 = JCM 13891.
<i>Hellea balneolensis</i>	AY576758	Alain et al. 2008, sp. nov. (Type species of the genus).	strain 26III/A02/215 = OOB 269 = DSM 19091 = CIP 109500.
<i>Herminiimonas glaciei</i>	EU489741	Loveland-Curtze et al. 2009, sp. nov.	strain UMB49 = ATCC BAA-1623 = DSM 21140
<i>Hoeflea phototrophica</i>	ABIA02000018	Biebl et al. 2006, sp. nov.	strain DFL-43 = DSM 17068 = NCIMB 14078.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Humibacillus xanthopallidus</i>	AB282888	Kageyama et al. 2008, sp. nov. (Type species of the genus).	strain KV-663 = NBRC 101803 = NRRL B-24471.
<i>Hydrogenoanaerobacterium saccharovorans</i>	EU158190	Song and Dong 2009, sp. nov. (Type species of the genus).	strain SW512 = AS 1.5070 = JCM 14861
<i>Hydrogenothermus marinus</i>	AJ292525	Stöhr et al. 2001, sp. nov. (Type species of the genus).	strain VM1 = DSM 12046 = JCM 10974.
<i>Hymenobacter daecheongensis</i>	EU370958	Xu et al. 2009, sp. nov.	strain Dae14 = KCTC 22258 = LMG 24498
<i>Hymenobacter deserti</i>	EU325941	Zhang et al. 2009, sp. nov.	strain ZLB-3 = CCTCC AB 207171 = NRRL B-51267
<i>Iamia majanohamensis</i>	AB360448	Kurahashi et al. 2009, sp. nov. (Type species of the genus).	strain F12 = DSM 19957 = NBRC 102561.
<i>Ideonella azotifigens</i>	EU542576	Noar and Buckley 2009, sp. nov.	strain 1a22 = DSM 21438 = JCM 15503.
<i>Inhella inkyongensis</i>	DQ664238	Song et al. 2009, sp. nov. (Type species of the genus).	strain IMCC1713 = CCUG 54308 = KCTC 12791 = NBRC 103252 = LMG 23877.
<i>Jeotgalicoccus marinus</i>	EU583727	Chen et al. 2009, sp. nov.	strain JSM 076033 = CCTCC AA 207028 = DSM 19772 = KCTC 13189.
<i>Kaistia soli</i>	EF592609	Weon et al. 2008, sp. nov.	strain 5YN9-8 = DSM 19436 = KACC 12605.
<i>Kiloniella laminariae</i>	AM749667	Wiese et al. 2009, sp. nov. (Type species of the genus).	strain LD81 = JCM 14845 = NCIMB 14374.
<i>Kineococcus gynurae</i>	EF667339	Duangmal et al. 2008, sp. nov.	strain KKD096 = BCC 26245 = NBRC 103943 = NRRL B-24568 = TISTR 1856.
<i>Kineococcus xinjiangensis</i>	EU543662	Liu et al. 2009, sp. nov.	strain S2-20 = CCTCC AB 207179 = KCTC 19474.
<i>Kineosporia babensis</i>	AB377116	Sakiyama et al. 2009, sp. nov.	strain VN05A0415 = NBRC 104154 = VTCC-A-0961.
<i>Kitasatospora kazusensis</i>	AB278569	corrige. Li et al. 2009, sp. nov.	strain SK60 = JCM 14560 = KCTC 19565.
<i>Kitasatospora saccharophila</i>	AB278568	Li et al. 2009, sp. nov.	strain SK15 = JCM 14559 = KCTC 19566.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Klugiella xanthotipulae</i>	AY372075	Cook et al. 2008, sp. nov. (Type species of the genus).	strain 44C3 = ATCC BAA-1524 = DSM 18031.
<i>Kocuria halotolerans</i>	DQ979377	Tang et al. 2009, sp. nov.	strain YIM 90716 = CCTCC AB 206069 = DSM 18442 = KCTC 19172.
<i>Kofleria flava</i>	AJ233944	(ex Kofler 1913) Reichenbach 2007, nom. rev., comb. nov. (Type species of the genus).	strain PI vt1 = CIP 109120 = DSM 14601.
<i>Kribbella catacumbae</i>	AM778575	Urzi et al. 2008, sp. nov.	strain BC631 = DSM 19601 = JCM 14968.
<i>Kribbella sancticallisti</i>	AM778577	Urzi et al. 2008, sp. nov.	strain BC633 = DSM 19602 = JCM 14969.
<i>Kriegella aquimaris</i>	AB084262	Nedashkovskaya et al. 2008, sp. nov. (Type species of the genus).	strain DSM 19886 = KCTC 22188 = KMM 3665.
<i>Kushneria aurantia</i>	AM941746	Sánchez-Porro et al. 2009, sp. nov. (Type species of the genus).	strain A10 = CCM 7415 = CECT 7220
<i>Lacibacter cauensis</i>	EU521690	Qu et al. 2009, sp. nov. (Type species of the genus).	strain NJ-8 = CGMCC 1.7271 = NBRC 104930.
<i>Lacinutrix algicola</i>	DQ167238	Nedashkovskaya et al. 2008, sp. nov.	strain AKS293 = JCM 13825 = KCCM 42313.
<i>Lacinutrix mariniflava</i>	DQ167239	Nedashkovskaya et al. 2008, sp. nov.	strain AKS432 = JCM 13824 = KCCM 42306.
<i>Lacticigenium naphtae</i>	AB430339	Iino et al. 2009, sp. nov. (Type species of the genus).	strain MIC1-18 = DSM 19658 = NBRC 101988.
<i>Lactobacillus animalis</i>	AB326350	Dent and Williams 1983	strain 1535 = ATCC 35046 = CCUG 33906 = CIP 103152 = DSM 20602 = IFO (now NBRC) 15882 = JCM 5670 = LMG 9843 = NCIMB 13278 (formerly NCDO 2425) = NRRL B-14176
<i>Lactobacillus bobalius</i>	AY681134	Mañes-Lázaro et al. 2008, sp. nov.	strain 203 = CECT 7310 = DSM 19674.
<i>Lactobacillus cacaonum</i>	AM905389	De Bruyne et al. 2009, sp. nov.	strain DSM 21116 = LMG 24285
<i>Lactobacillus capillatus</i>	AB365976	Chao et al. 2008, sp. nov.	strain YIT 11306 = BCRC 17811 = DSM 19910 = JCM 15044.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Lactobacillus fabifermentans</i>	AM905388	De Bruyne et al. 2009, sp. nov.	strain DSM 21115 = LMG 24284
<i>Lactobacillus hordei</i>	EU074850	Rouse et al. 2008, sp. nov.	strain UCC128 = DSM 19519 = LMG 24241.
<i>Lactobacillus kisonensis</i>	AB366388	Watanabe et al. 2009, sp. nov.	strain YIT 11168 = DSM 19906 = JCM 15041 = NRIC 0741.
<i>Lactobacillus nodensis</i>	AB332024	Kashiwagi et al. 2009, sp. nov.	strain iz4b-1 = DSM 19682 = JCM 14932.
<i>Lactobacillus oeni</i>	AY681127	Mañes-Lázaro et al. 2009, sp. nov.	strain 59b = CECT 7334 = DSM 19972.
<i>Lactobacillus otakiensis</i>	AB366386	Watanabe et al. 2009, sp. nov.	strain YIT 11163 = DSM 19908 = JCM 15040 = NRIC 0742.
<i>Lactobacillus rapi</i>	AB366389	Watanabe et al. 2009, sp. nov.	strain YIT 11204 = DSM 19907 = JCM 15042 = NRIC 0743.
<i>Lactobacillus ruminis</i>	AB326354	Sharpe et al. 1973 (Approved Lists 1980)	strain ATCC 27780 = CCUG 39465 = CIP 103153 = DSM 20403 = JCM 1152 = LMG 10756 = NRRL B-14853
<i>Lactobacillus senmaizukei</i>	AB297927	Hiraga et al. 2008, sp. nov.	strain L13 = NBRC 103853 = TISTR 1847.
<i>Lactobacillus sunkii</i>	AB366385	Watanabe et al. 2009, sp. nov.	strain YIT 11161 = DSM 19904 = JCM 15039 = NRIC 0744.
<i>Lactobacillus taiwanensis</i>	EU487512	Wang et al. 2009, sp. nov.	strain FIRDI 006 = BCRC 17755 = DSM 21401.
<i>Lactobacillus tucseti</i>	AJ576006	Chenoll et al. 2009, sp. nov.	strain R 19c = CECT 5920 = DSM 20183.
<i>Lactococcus chungangensis</i>	EF694028	Cho et al. 2008, sp. nov.	strain CAU 28 = CCUG 55099 = KCTC 13185.
<i>Lactococcus plantarum</i>	EF694029	(Collins et al. 1984) Schleifer et al. 1986	strain ATCC 43199 = CCUG 39180 = CIP 102506 = DSM 20686 = HAMBI 1593 = JCM 11056 = LMG 8517 = NCIMB 11945 (formerly NCDO 1869)
<i>Lactococcus raffinolactis</i>	EF694030	(Orla-Jensen and Hansen 1932) Schleifer et al. 1988	strain ATCC 43920 = CCUG 32209 = CIP 102300 = DSM 20443 = HAMBI 1589 = JCM 5706 = LMG 13095 = NCIMB 13197 (formerly NCDO 617)

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Legionella pneumophila</i> subsp. <i>pneumophila</i>	AE017354	Brenner et al. 1979, subsp. nov.	strain Philadelphia 1 = ATCC 33152 = CCUG 9568 = CIP 103854 = DSM 7513 = JCM 7571 = NCTC 11192.
<i>Leifsonia antarctica</i>	AM931710	Pindi et al. 2009, sp. nov.	strain SPC-20 = LMG 24541 = NCCB 100227.
<i>Leifsonia bigeumensis</i>	EF466124	Dastager et al. 2008, sp. nov.	strain MSL-27 = DSM 19322 = KCTC 19268.
<i>Leifsonia kafniensis</i>	AM889135	Pindi et al. 2009, sp. nov.	strain KFC-22 = LMG 24362 = NCCB 100216.
<i>Leifsonia kribbensis</i>	EF466129	Dastager et al. 2009, sp. nov.	strain MSL-13 = DSM 19272 = KCTC 19267.
<i>Leifsonia pindariensis</i>	AM900767	Reddy et al. 2008, sp. nov.	strain PON10 = LMG 24222 = MTCC9128.
<i>Leisingera aquimarina</i>	AM900415	Vandecandelaere et al. 2008, sp. nov.	strain CCUG 55860 = LMG 24366
<i>Lentibacillus salis</i>	AY762976	Lee et al. 2008, sp. nov.	strain BH113 = DSM 16817 = KCTC 3936
<i>Lentzea albidocapillata</i>	AF328680	Yassin et al. 1995, sp. nov. (Type species of the genus).	strain ATCC 51859 = CCUG 48294 = CIP 104842 = DSM 44073 = IFO (now NBRC) 15855 = IMMIB D-958 = IMSNU 21253 = JCM 9732 = NRRL B-24057.
<i>Leptobacterium flavescens</i>	AB362212	Mitra et al. 2009, sp. nov. (Type species of the genus).	strain YM3-301 = KCTC 22160 = MBIC 06275 = NBRC 104141.
<i>Leptospira kmetyi</i>	AB279549	Slack et al. 2009, sp. nov.	strain Bejo-Iso9 = KIT Bejo-Iso9 = WHO LT1101.
<i>Leptospira licerasiae</i>	EF612284	Matthias et al. 2009, sp. nov.	strain VAR 010 = ATCC BAA-1110 = KIT VAR 010
<i>Leptospira wolffii</i>	EF025496	Slack et al. 2008, sp. nov.	strain Khorat-H2 = KIT Khorat-H2 = WHO LT1686.
<i>Leptotrichia buccalis</i>	ABUE01000001	(Robin 1853) Trevisan 1879, species. (Type species of the genus).	strain ATCC 14201 = CCUG 34316 = CIP 105792 = DSM 1135 = JCM 12969 = NCTC 10249.
<i>Leucobacter chironomi</i>	EU346911	Halpern et al. 2009, sp. nov.	strain MM2LB = DSM 19883 = LMG 24399.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Leucobacter tardus</i>	AM940158	Behrendt et al. 2008, sp. nov.	strain K 70/01 = DSM 19811 = LMG 24388.
<i>Leuconostoc mesenteroides subsp. dextranicum</i>	AB023244	(Beijerinck 1912) Garvie 1983, comb. nov.	strain ATCC 19255 = CCUG 21966 = CCUG 30065 = CIP 102423 = DSM 20484 = JCM 9700 = LMG 6908 = NBRC 100495 = NCAIM B.01658 = NCIMB 12007 (formerly NCDO 529) = NRRL B-3469 = VKM B-1225.
<i>Leuconostoc palmae</i>	AM940225	Ehrmann et al. 2009, sp. nov.	strain TMW 2.694 = DSM 21144 = LMG 24510.
<i>Lewinella antarctica</i>	EF554367	Oh et al. 2009, sp. nov.	strain IMCC3223 = KCCM 42688 = NBRC 103142.
<i>Lutaonella thermophila</i>	EU287913	Arun et al. 2009, sp. nov. (Type species of the genus).	strain CC-MHSW-2 = JCM 15069 = KCTC 22538.
<i>Luteimonas aestuarii</i>	EF660758	Roh et al. 2009, sp. nov.	strain B9 = DSM 19680 = KCTC 22048.
<i>Luteimonas aquatica</i>	EF626688	Chou et al. 2008, sp. nov.	strain RIB1-20 = BCRC 17731 = LMG 24212.
<i>Luteimonas marina</i>	EU295459	Baik et al. 2008, sp. nov.	strain FR1330 = IMSNU 60306 = JCM 12488 = KCTC 12327.
<i>Lutimaribacter saemankumensis</i>	EU336981	Yoon et al. 2009, sp. nov. (Type species of the genus).	strain SMK-117 = CCUG 55760 = KCTC 22244.
<i>Lysinibacillus parviboronicapiens</i>	AB300598	Miwa et al. 2009, sp. nov.	strain BAM-582 = KCTC 13154 = NBRC 103144.
<i>Lysobacter oryzae</i>	EU376963	Aslam et al. 2009, sp. nov.	strain YC6269 = DSM 21044 = KCTC 22249.
<i>Lysobacter panaciterrae</i>	AB245359	Ten et al. 2009, sp. nov.	strain Gsoil 068 = DSM 17927 = KCTC 12601.
<i>Lysobacter ximonensis</i>	EU237492	Wang et al. 2009, sp. nov.	strain XM415 = CCTCC AB 207091 = NRRL B-51263.
<i>Maribacter antarcticus</i>	EU512921	Zhang et al. 2009, sp. nov.	strain CL-AP4 = JCM 15445 = KCCM 90069.
<i>Marihabitans asiaticum</i>	AB286025	Kageyama et al. 2008, sp. nov. (Type species of the genus).	strain HG667 = DSM 18935 = MBIC07497.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Marinactinospora thermotolerans</i>	EU698029	Tian et al. 2009, sp. nov. (Type species of the genus).	strain SCSIO 00652 = CCTCC AA 208041 = DSM 45154
<i>Mariniflexile fucanivorans</i>	AJ628046	Barbeyron et al. 2008, sp. nov.	strain SW5 = CIP 109502 = DSM 18792.
<i>Marinobacter goseongensis</i>	EF660754	Roh et al. 2008, sp. nov.	strain En6 = DSM 19471 = KCTC 12515.
<i>Marinobacter guineae</i>	AM503093	Montes et al. 2008, sp. nov.	strain M3B = CECT 7243 = LMG 24048
<i>Marinobacter lacisalsi</i>	EU047505	Aguilera et al. 2009, sp. nov.	strain FP2.5 = CECT 7297 = LMG 24237.
<i>Marinobacter mobilis</i>	EU293412	Huo et al. 2008, sp. nov.	strain CN46 = CGMCC 1.7059 = JCM 15154.
<i>Marinobacter santoriniensis</i>	EU496088	Handley et al. 2009, sp. nov.	strain NKSG1 = ATCC BAA-1649 = DSM 21262 = NCIMB 14441.
<i>Marinobacter zhejiangensis</i>	EU293413	Huo et al. 2008, sp. nov.	strain CN74 = CGMCC 1.7061 = JCM 15156.
<i>Marinobacterium nitratireducens</i>	EU573965	Huo et al. 2009, sp. nov.	strain CN44 = CGMCC 1.7286 = JCM 15523.
<i>Marinobacterium sediminicola</i>	EU573966	Huo et al. 2009, sp. nov.	strain CN47 = CGMCC 1.7287 = JCM 15524.
<i>Marinomonas arctica</i>	DQ492749	Zhang et al. 2008, sp. nov.	strain 328 = CGMCC 1.6498 = JCM 14976.
<i>Marinomonas basaltis</i>	EU143359	Chang et al. 2008, sp. nov.	strain J63 = JCM 14948 = KCTC 22118.
<i>Marinoscillum furvescens</i>	AB078079	(ex Lewin 1969) Seo et al. 2009, nom. rev., comb. nov	strain ATCC 23129 = DSM 4134 = LMG 13023 = NBRC 15994
<i>Marinoscillum pacificum</i>	DQ660388	Seo et al. 2009, sp. nov. (Type species of the genus)	strain MRN461 = JCM 14064 = KCCM 42325.
<i>Marispirillum indicum</i>	EU642410	Lai et al. 2009, sp. nov. (Type species of the genus).	strain B142 = CCTCC AB 208225 = LMG 24627 = MCCC 1A01235.
<i>Maritalea myrionectae</i>	EF988631	Hwang et al. 2009, sp. nov. (Type species of the genus).	strain CL-SK30 = DSM 19524 = KCCM 90060.
<i>Marivita cryptomonadis</i>	EU512919	Hwang et al. 2009, sp. nov. (Type species of the genus).	strain CL-SK44 = JCM 15447 = KCCM 90070.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Marivita litorea</i>	EU512918	Hwang et al. 2009, sp. nov.	strain CL-JM1 = JCM 15446 = KCCM 90071.
<i>Massilia niabensis</i>	EU808006	Weon et al. 2009, sp. nov.	strain 5420S-26 = DSM 21312 = KACC 12632.
<i>Massilia niastensis</i>	EU808005	Weon et al. 2009, sp. nov.	strain 5516S-1 = DSM 21313 = KACC 12599.
<i>Megamonas rupellensis</i>	EU346729	Chevrot et al. 2008, sp. nov.	strain FM1025 = CIP 109788 = DSM 19944.
<i>Melitea salexigens</i>	AY576729	Urios et al. 2008, sp. nov. (Type species of the genus).	strain 5IX/A01/131 = CIP 109757 = DSM 19753 = MOLA 225.
<i>Mesoflavibacter zeaxanthinifaciens</i>	AB265181	Asker et al. 2008, sp. nov. (Type species of the genus).	strain TD-ZX30 = CCUG 53614 = DSM 18436 = NBRC 102119.
<i>Mesorhizobium caraganae</i>	EF149003	Guan et al. 2008, sp. nov.	strain CCBAU 11299 = HAMBI 2990 = LMG 24397.
<i>Mesorhizobium gobiense</i>	EF035064	Han et al. 2008, sp. nov.	strain CCBAU 83330 = HAMBI 2974 = LMG 23949.
<i>Mesorhizobium metallidurans</i>	AM930381	Vidal et al. 2009, sp. nov.	strain STM 2683 = CFBP 7147 = LMG 24485.
<i>Mesorhizobium tarimense</i>	EF035058	Han et al. 2008, sp. nov.	strain CCBAU 83306 = HAMBI 2973 = LMG 24338.
<i>Methanoculleus receptaculi</i>	DQ787476	Cheng et al. 2008, sp. nov.	strain ZC-2 = CGMCC 1.5087 = DSM 18860.
<i>Methanofollis ethanolicus</i>	AB371073	Imachi et al. 2009, sp. nov.	strain HASU = DSM 21041 = JCM 15103 = NBRC 104120.
<i>Methanolobus profundi</i>	AB370245	Mochimaru et al. 2009, sp. nov.	strain MobM = DSM 21213 = NBRC 104158.
<i>Methanolobus zinderi</i>	EU711413	Doerfert et al. 2009, sp. nov.	strain SD1 = ATCC BAA-1601 = DSM 21339.
<i>Methanopyrus kandleri</i>	AE009439	Kurr et al. 1992, sp. nov. (Type species of the genus).	strain AV19 = DSM 6324 = JCM 9639.
<i>Methanosalsum zhilinae</i>	FJ224366	(Mathrani et al. 1988) Boone and Baker 2002, comb. nov. (Type species of the genus).	strain WeN5 = DSM 4017 = OCM 62.

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<i>Methanosphaerula palustris</i>	EU156000	Cadillo-Quiroz et al. 2009, sp. nov. (Type species of the genus).	strain E1-9c = ATCC BAA-1565 = DSM 19958
<i>Methylibium subsaxonicum</i>	AM774413	Stackebrandt et al. 2008, sp. nov.	strain BF49 = CIP 109700 = DSM 19570.
<i>Methylobacillus flagellatus</i>	DQ287787	Govorukhina et al. 1998, sp. nov.	strain KT = ATCC 51484 = DSM 6875 = VKM B-1610.
<i>Methylobacterium phyllosphaerae</i>	EF126746	Madhaiyan et al. 2009, sp. nov.	strain CBMB27 = DSM 19779 = KACC 11716 = LMG 24361
<i>Microbacterium aquimaris</i>	AM778449	Kim et al. 2008, sp. nov.	strain JS54-2 = DSM 19713 = KCTC 19124.
<i>Microbacterium awajjense</i>	AB286027	Kageyama et al. 2008, sp. nov.	strain YM13-414 = DSM 18907 = MBIC08276.
<i>Microbacterium binotii</i>	EF567306	Clermont et al. 2009, sp. nov.	strain CIP 101303 = DSM 19164.
<i>Microbacterium fluvii</i>	AB286028	Kageyama et al. 2008, sp. nov.	strain YSL3-15 = DSM 18908 = MBIC08277.
<i>Microbacterium insulae</i>	EU239498	Yoon et al. 2009, sp. nov.	strain DS-66 = CCUG 54523 = KCTC 19247.
<i>Microbacterium invictum</i>	AM949677	Vaz-Moreira et al. 2009, sp. nov.	strain DC-200 = DSM 19600 = LMG 24557.
<i>Microbacterium kribbense</i>	EF466125	Dastager et al. 2008, sp. nov.	strain MSL-04 = DSM 19265 = KCTC 19269.
<i>Microbacterium luticocti</i>	AM747814	Vaz-Moreira et al. 2008, sp. nov.	strain SC-087B = CCUG 54537 = DSM 19459.
<i>Microbacterium profundum</i>	EF623999	Wu et al. 2008, sp. nov.	strain Shh49 = CGMCC 1.6777 = JCM 14840.
<i>Microbacterium pygmaeum</i>	AB248875	Kageyama et al. 2008, sp. nov.	strain KV-490 = NBRC 101800 = NRRL B-24469.
<i>Microbulbifer donghaiensis</i>	EU365694	Wang et al. 2009, sp. nov.	strain CN85 = CGMCC 1.7063 = JCM 15145.
<i>Microbulbifer epialgicus</i>	AB266054	Nishijima et al. 2009, sp. nov.	strain F-104 = DSM 18651 = MBIC03330.
<i>Microbulbifer halophilus</i>	EF674853	Tang et al. 2008, sp. nov.	strain YIM 91118 = CCTCC AB 206094 = KCTC 12848.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Microbulbifer variabilis</i>	AB167354	Nishijima et al. 2009, sp. nov.	strain Ni-2088 = ATCC 700307 = MBIC01082.
<i>Micrococcus endophyticus</i>	EU005372	Chen et al. 2009, sp. nov.	strain YIM 56238 = DSM 17945 = KCTC 19156
<i>Microlunatus aurantiacus</i>	EF601828	Wang et al. 2008, sp. nov.	strain YIM 45721 = CCTCC AB 206067 = DSM 18424
<i>Microlunatus panaciterrae</i>	AB271051	An et al. 2008, sp. nov.	strain Gsoil 954 = DSM 18662 = KCTC 13058.
<i>Micromonospora krabiensis</i>	AB196716	Jongrungruangchok et al. 2008, sp. nov.	strain MA-2 = JCM 12869 = PCU 268 = TISTR 1565.
<i>Micromonospora pattaloongensis</i>	AB275607	Thawai et al. 2008, sp. nov.	strain TJ2-2 = JCM 12833 = TISTR 1559.
<i>Microvirga quangxiensis</i>	EU727176	Zhang et al. 2009, sp. nov.	strain 25B = CGMCC 1.7666 = JCM 15710.
<i>Moraxella pluranimalium</i>	AM884564	Vela et al. 2009, sp. nov.	strain 248-01 = CCUG 54913 = CECT 7295.
<i>Mucilaginibacter daejeonensis</i>	AB267717	An et al. 2009, sp. nov.	strain Jip 10 = KCTC 12639 = LMG 23488.
<i>Mucilaginibacter kameinonensis</i>	AB330392	Urai et al. 2008, sp. nov.	strain SCK = KCTC 22227 = NBRC 102645.
<i>Mucilaginibacter oryzae</i>	EU109722	Jeon et al. 2009, sp. nov.	strain B9 = DSM 19975 = KACC 12816.
<i>Mucilaginibacter ximonensis</i>	EU729366	Luo et al. 2009, sp. nov.	strain XM-003 = CCTCC AB 207094 = KCTC 22437.
<i>Muricauda lutimaris</i>	EU156065	Yoon et al. 2008, sp. nov.	strain SMK-108 = CCUG 55324 = KCTC 22173.
<i>Muricauda olearia</i>	EU888117	Hwang et al. 2009, sp. nov.	strain CL-SS4 = JCM 15563 = KCCM 90075.
<i>Mycetocola reblochoni</i>	DQ062097	Bora et al. 2008, sp. nov.	strain R-20377 = BRB-1L41 = DSM 18580 = LMG 22367.
<i>Mycobacterium aromaticivorans</i>	AY943386	Hennessee et al. 2009, sp. nov.	strain JS19b1 = ATCC BAA-1378 = CIP 109274.
<i>Mycobacterium arosiense</i>	EF054881	Bang et al. 2008, sp. nov.	strain T1921 = ATCC BAA-1401 = DSM 45069.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Mycobacterium arupense</i>	DQ157760	Cloud et al. 2006, sp. nov.	strain AR30097 = ATCC BAA-1242 = DSM 44942.
<i>Mycobacterium avium</i> subsp. <i>silvaticum</i>	EF521891	Thorel et al. 1990, subsp. nov.	strain 6409 = ATCC 49884 = CCUG 47446 = CIP 103317 = DSM 44175.
<i>Mycobacterium crocinum</i>	DQ534008	Hennessee et al. 2009, sp. nov.	strain czh-42 = ATCC BAA-1373 = CIP 109262
<i>Mycobacterium insubricum</i>	EU605695	Tortoli et al. 2009, sp. nov.	strain FI-06250 = CIP 109609 = DSM 45132.
<i>Mycobacterium kyorinense</i>	AB370111	Okazaki et al. 2009, sp. nov.	strain KUM 060204 = DSM 45166 = JCM 15038
<i>Mycobacterium llatzerense</i>	AJ746070	Gomila et al. 2008, sp. nov.	strain MG13 = CCUG 54744 = CECT 7273.
<i>Mycobacterium noviomagense</i>	EU239955	van Ingen et al. 2009, sp. nov.	strain NLA000500338 = CIP 109766 = DSM 45145.
<i>Mycobacterium pallens</i>	DQ370008	Hennessee et al. 2009, sp. nov.	strain czh-8 = ATCC BAA-1372 = CIP 109268
<i>Mycobacterium riyadhense</i>	EU274642	van Ingen et al. 2009, sp. nov.	strain NLA000201958 = CIP 109808 = DSM 45176.
<i>Mycobacterium rufum</i>	AY943385	Hennessee et al. 2009, sp. nov.	strain JS14 = ATCC BAA-1377 = CIP 109273
<i>Mycobacterium rutilum</i>	DQ370011	Hennessee et al. 2009, sp. nov.	strain czh-117 = ATCC BAA-1375 = CIP 109271
<i>Mycobacterium saskatchewanense</i>	AY208856	Turenne et al. 2004, sp. nov.	strain 00-250 = ATCC BAA-544 = CIP 108114 = DSM 44616 = JCM 13016.
<i>Mycobacterium stomatepiae</i>	AM884331	Pourahmad et al. 2008, sp. nov.	strain T11 = CIP 109275 = DSM 45059 = NCIMB 14252.
<i>Mycoplasma leachii</i>	U26054	Manso-Silvan et al. 2009, sp. nov.	strain PG50 = N29 = DSM 21131 = NCTC 10133.
<i>Myroides profundus</i>	EU204978	Zhang et al. 2009, sp. nov.	strain D25 = CCTCC M 208030 = DSM 19823
<i>Natrinema gari</i>	AB289741	Tapingkae et al. 2008, sp. nov.	strain HIS40-3 = BCC 24370 = JCM 14663 = PCU 303

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Natronobacillus azotifigens</i>	EU143681	Sorokin et al. 2009, sp. nov. (Type species of the genus).	strain 24KS-1 = NCCB 100215 = UNIQEM U378
<i>Natronovirga wadinatronensis</i>	EU338489	Mesbah and Wiegel 2009, sp. nov. (Type species of the genus).	strain JW/NM-WN-LH1 = ATCC BAA-1444 = DSM 18770.
<i>Nautella italica</i>	AM904562	Vandecandelaere et al. 2009, sp. nov. (Type species of the genus).	strain CCUG 55857 = LMG 24365.
<i>Nautilia abyssi</i>	AM937002	Alain et al. 2009, sp. nov.	strain PH1209 = DSM 21157 = JCM 15390.
"<i>Nautilia profundicola</i>" *	AF357197	Smith et al. 2008, sp. nov.	strain AmH = ATCC BAA-1463 = DSM 18972.
<i>Naxibacter haematophilus</i>	AM774589	Kämpfer et al. 2008, sp. nov.	strain CCM 7480 = CCUG 38318
<i>Naxibacter varians</i>	AM774587	Kämpfer et al. 2008, sp. nov.	strain CCM 7478 = CCUG 35299
<i>Neisseria subflava</i>	AJ239291	(Flügge 1886) Trevisan 1889, species.	strain ATCC 49275 = CCUG 23930 = CCUG 33675 = CIP 103343 = LMG 5313 = NRL 30,017.
"<i>Neorickettsia sennetsu</i>" **	M73219	(Misao and Kobayashi 1956) Dumler et al. 2001, comb. nov.	strain Miyayama = ATCC VR-367.
<i>Nesterenkonia alba</i>	EU566871	Luo et al. 2009, sp. nov.	strain CAAS 252 = CCTCC AB 207011 = DSM 19423.
<i>Nesterenkonia flava</i>	EF680886	Luo et al. 2008, sp. nov.	strain CAAS 251 = CCTCC AB 207010 = JCM 14814.
<i>Niabella ginsengisoli</i>	EU616816	Weon et al. 2009, sp. nov.	strain GR10-1 = JCM 15444 = KACC 13021.
<i>Nisaea denitrificans</i>	DQ665838	Urios et al. 2008, sp. nov. (Type species of the genus).	strain DR41_21 = OOB 129 = CIP 109265 = DSM 18348.
<i>Nisaea nitritireducens</i>	DQ665839	Urios et al. 2008, sp. nov.	strain DR41_18 = OOB 128 = CIP 109601 = DSM 19540.
<i>Nitratireductor basaltis</i>	EU143347	Kim et al. 2009, sp. nov.	strain J3 = JCM 14935 = KCTC 22119
<i>Nitratireductor kimnyeongensis</i>	AM498744	Kang et al. 2009, sp. nov.	strain KY 101 = JCM 14851 = KACC 11904.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Nitriliruptor alkaliphilus</i>	EF422408	Sorokin et al. 2009, sp. nov. (Type species of the genus).	strain ANL-iso2 = DSM 45188 = NCCB 100119 = UNIQEM U239.
<i>Nocardia altamirensis</i>	EU006090	Jurado et al. 2008, sp. nov.	strain OFN S17 = CIP 109606 = DSM 44997.
<i>Nocardia blacklockiae</i>	EU099360	Conville et al. 2009, sp. nov.	strain ATCC 700035 = DSM 45135
<i>Nocardia jinanensis</i>	DQ462650	Sun et al. 2009, sp. nov.	strain 04-5195 = CGMCC 4.3508 = DSM 45048
<i>Nocardia wallacei</i>	EU099357	Conville et al. 2009, sp. nov.	strain ATCC 49873 = DSM 45136
<i>Nocardioides agariphilus</i>	EF466113	Dastager et al. 2008, sp. nov.	strain MSL-28 = DSM 19323 = KCTC 19276.
<i>Nocardioides basaltis</i>	EU143365	Kim et al. 2009, sp. nov.	strain J112 = JCM 14945 = KCTC 19365.
<i>Nocardioides bigeumensis</i>	EF466114	Dastager et al. 2008, sp. nov.	strain MSL-19 = DSM 19320 = KCTC 19290
<i>Nocardioides dilutus</i>	EF466121	corrige. Dastager et al. 2009, sp. nov.	strain MSL-11 = DSM 19318 = KCTC 19288.
<i>Nocardioides dokdonensis</i>	EF633986	Park et al. 2008, sp. nov.	strain FR1436 = JCM 14815 = KCTC 19309.
<i>Nocardioides fonticola</i>	EF626689	Chou et al. 2008, sp. nov.	strain NAA-13 = BCRC 16874 = LMG 24213.
<i>Nocardioides halotolerans</i>	EF466122	Dastager et al. 2009, sp. nov.	strain MSL-23 = DSM 19273 = KCTC 19274.
<i>Nocardioides islandensis</i>	EF466123	corrige. Dastager et al. 2009, sp. nov.	strain MSL-26 = DSM 19321 = KCTC 19275.
<i>Nocardioides koreensis</i>	EF466115	Dastager et al. 2008, sp. nov.	strain MSL-09 = DSM 19266 = KCTC 19272
<i>Nocardioides salarius</i>	DQ401092	Kim et al. 2008, sp. nov.	strain CL-Z59 = DSM 18239 = KCCM 42320.
<i>Nocardioides sediminis</i>	EF466110	Dastager et al. 2009, sp. nov.	strain MSL-01 = DSM 19263 = KCTC 19271.
<i>Nocardioides tritolerans</i>	EF466107	Dastager et al. 2009, sp. nov.	strain MSL-14 = DSM 19319 = KCTC 19289.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Nocardiopsis arabia</i>	EF095149	Hozzein and Goodfellow 2008, sp. nov.	strain S186 = CGMCC 4.2057 = DSM 45083.
<i>Nocardiopsis valliformis</i>	AY336503	Yang et al. 2008, sp. nov.	strain HBUM 20028 = CGMCC 4.2135 = DSM 45023.
<i>Nonomuraea candida</i>	DQ285421	le Roes and Meyers 2009, sp. nov.	strain HMC10 = DSM 45086 = NRRL B-24552.
<i>Nosocomiicoccus ampullae</i>	EU240886	Morais et al. 2008 (complete authorship reads Morais, Chung and da Costa), sp. nov. (Type species of the genus).	strain TRF-1 = CIP 109506 = LMG 24060.
<i>Novosphingobium acidiphilum</i>	EU336977	Glaeser et al. 2009, sp. nov.	strain FSW06-204d = CCM 7496 = CCUG 55538 = DSM 19966
<i>Novosphingobium indicum</i>	EF549586	Yuan et al. 2009, sp. nov.	strain H25 = CGMCC 1.6784 = LMG 24713 = MCCC 1A01080.
<i>Novosphingobium mathurense</i>	EF424403	Gupta et al. 2009, sp. nov.	strain SM117 = CCM 7473 = MTCC9020
<i>Novosphingobium panipatense</i>	EF424402	Gupta et al. 2009, sp. nov.	strain SM16 = CCM 7472 = MTCC9019
<i>Oceanibaculum indicum</i>	EU656113	Lai et al. 2009, sp. nov. (Type species of the genus).	strain P24 = CCTCC AB 208226 = LMG 24626 = MCCC 1A02083
<i>Oceanicola pacificus</i>	DQ659449	Yuan et al. 2009, sp. nov.	strain W11-2B = CCTCC AB 208224 = LMG 24619 = MCCC 1A01034.
<i>Oceaniserpentilla haliotis</i>	AM747817	Schlösser et al. 2008, sp. nov. (Type species of the genus).	strain DSM 19503 = LMG 24225
<i>Paenibacillus castaneae</i>	EU099594	Valverde et al. 2008, sp. nov.	strain Ch-32 = CECT 7279 = DSM 19417.
<i>Paenibacillus contaminans</i>	EF626690	Chou et al. 2009, sp. nov.	strain CKOBP-6 = BCRC 17728 = LMG 24216.
<i>Paenibacillus harenae</i>	AY839867	Jeon et al. 2009, sp. nov.	strain B519 = DSM 16969 = KCTC 3951
<i>Paenibacillus konsidensis</i>	EU081509	Ko et al. 2008, sp. nov.	strain LBY = ABB-ID-KSY9 = JCM 14798 = KCTC 13165.
<i>Paenibacillus macquariensis</i> subsp. <i>defensor</i>	AB360546	Hoshino et al. 2009, subsp. nov.	strain M4-2 = JCM 14954 = NCIMB 14397.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Paenibacillus montaniterrae</i>	AB295646	Khianggam et al. 2009, sp. nov.	strain MXC2-2 = KCTC 13036 = PCU 281 = TISTR 1836
<i>Paenibacillus nanensis</i>	AB265206	Khianggam et al. 2009, sp. nov.	strain MX2-3 = KCTC 13044 = PCU 276 = TISTR 1828.
<i>Paenibacillus pectinilyticus</i>	EU391157	Park et al. 2009, sp. nov.	strain RCB-08 = CECT 7358 = KCTC 13222.
<i>Paenibacillus pueri</i>	EU391156	Kim et al. 2009, sp. nov.	strain b09i-3 = CECT 7360 = KCTC 13223.
<i>Paenibacillus septentrionalis</i>	AB295647	Khianggam et al. 2009, sp. nov.	strain X13-1 = KCTC 13039 = PCU 280 = TISTR 1830
<i>Paenibacillus siamensis</i>	AB295645	Khianggam et al. 2009, sp. nov.	strain S5-3 = KCTC 13038 = PCU 279 = TISTR 1831
<i>Paenibacillus taichungensis</i>	EU179327	Lee et al. 2008, sp. nov.	strain V10537 = BCRC 17757 = DSM 19942.
<i>Paenibacillus tarimensis</i>	EF125184	Wang et al. 2008, sp. nov.	strain SA-7-6 = CCTCC AB 206108 = DSM 19409.
<i>Paenibacillus thailandensis</i>	AB265205	Khianggam et al. 2009, sp. nov.	strain S3-4A = KCTC 13043 = PCU 275 = TISTR 1827.
<i>Paenibacillus tundrae</i>	EU558284	Nelson et al. 2009, sp. nov.	strain A10b = DSM 21291 = NRRL B-51094.
<i>Paenibacillus xylanexedens</i>	EU558281	Nelson et al. 2009, sp. nov.	strain B22a = DSM 21292 = NRRL B-51090.
<i>Paenisporosarcina quisquiliarum</i>	DQ333897	Krishnamurthi et al. 2009, sp. nov. (Type species of the genus).	strain SK 55 = JCM 14041 = MTCC7604.
<i>Paracoccus aestuarii</i>	EF660757	Roh et al. 2009, sp. nov.	strain B7 = DSM 19484 = JCM 15119 = KCTC 22049.
<i>Paracoccus saliphilus</i>	DQ923133	Wang et al. 2009, sp. nov.	strain YIM 90738 = CCTCC AB 206074 = KCTC 22163.
<i>Paraliobacillus quinghaiensis</i>	EU135728	Chen et al. 2009, sp. nov.	strain YIM-C158 = CGMCC 1.6333 = DSM 17857.
<i>Paramoritella alkaliphila</i>	AB364966	Hosoya et al. 2009, sp. nov. (Type species of the genus).	strain A3F-7 = DSM 19956 = MBIC06429.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Paraprevotella clara</i>	AB331896	Morotomi et al. 2009, sp. nov. (Type species of the genus).	strain YIT 11840 = DSM 19731 = JCM 14859.
<i>Paraprevotella xylaniphila</i>	AB331897	Morotomi et al. 2009, sp. nov.	strain YIT 11841 = DSM 19681 = JCM 14860.
<i>Parasutterella excrementihominis</i>	AB370250	Nagai et al. 2009, sp. nov. (Type species of the genus).	strain YIT 11859 = DSM 21040 = JCM 15078.
<i>Parvularcula lutaonensis</i>	EU346850	Arun et al. 2009, sp. nov.	strain CC-MMS-1 = BCRC 17814 = KCTC 22245
<i>Patulibacter americanus</i>	AJ871306	Reddy and Garcia-Pichel 2009, sp. nov.	strain CP177-2 = ATCC BAA-1038 = DSM 16676.
<i>Pediococcus argentinicus</i>	AM709786	De Bruyne et al. 2008, sp. nov.	strain CRL 776 = CCUG 54535 = LMG 23999.
<i>Pediococcus lolii</i>	AB362985	Doi et al. 2009, sp. nov.	strain NGRI 0510Q = DSM 19927 = JCM 15055.
<i>Pedobacter agri</i>	EF660751	Roh et al. 2008, sp. nov.	strain PB92 = DSM 19486 = KCTC 12511.
<i>Pedobacter alluvionis</i>	EU030688	Gordon et al. 2009, sp. nov.	strain NWER-II11 = DSM 19624 = LMG 24258.
<i>Pedobacter borealis</i>	EU030687	Gordon et al. 2009, sp. nov.	strain G-1 = DSM 19626 = LMG 24259.
<i>Pedobacter composti</i>	AB267720	Lee et al. 2009, sp. nov.	strain TR6-06 = KCTC 12638 = LMG 23490
<i>Pedobacter daechungensis</i>	AB267722	An et al. 2009, sp. nov.	strain Dae 13 = KCTC 12637 = LMG 23489
<i>Pedobacter nyackensis</i>	EU030686	Gordon et al. 2009, sp. nov.	strain NWG-II14 = DSM 19625 = LMG 24260
<i>Pelagibius litoralis</i>	DQ401091	Choi et al. 2009, sp. nov. (Type species of the genus).	strain CL-UU02 = JCM 15426 = KCCM 42323.
<i>Pelagicola litoralis</i>	EF192392	Kim et al. 2008, sp. nov. (Type species of the genus).	strain CL-ES2 = DSM 18290 = KCCM 42274.
<i>Phaeobacter caeruleus</i>	AM943630	Vandecandelaere et al. 2009, sp. nov.	strain CCUG 55859 = LMG 24369.
<i>Phaeospirillum chandramohanii</i>	AM779061	Anil Kumar et al. 2009, sp. nov.	strain JA145 = JCM 14933 = KCTC 5703 = NBRC 104961.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Phaselicystis flava</i>	EU545827	Garcia et al. 2009 (complete authorship reads Garcia, Reichenbach and Müller), sp. nov. (Type species of the genus)	strain SBKo001 = DSM 21295 = NCCB 100230
<i>Phenylobacterium composti</i>	EU022524	Weon et al. 2008, sp. nov.	strain 4T-6 = DSM 19425 = KACC 12597.
<i>Phenylobacterium conjunctum</i>	AJ227767	Abraham et al. 2008, sp. nov.	strain FWC 21 = CCUG 55074 = LMG 24262
<i>Phenylobacterium haematophilum</i>	AJ244650	Abraham et al. 2008, sp. nov.	strain CCUG 26751 = LMG 11050
<i>Photobacterium aquimaris</i>	AB428873	Yoshizawa et al. 2009, sp. nov.	strain LC2-065 = KCTC 22356 = NBRC 104633.
<i>Photobacterium phosphoreum</i>	D25310	(Cohn 1878) Beijerinck 1889, species. (Type species of the genus).	strain ATCC 11040 = CAIM 328 = CIP 102511 = HAMBI 1726 = JCM 21184 = LMG 4233.
<i>Photorhabdus temperata</i> subsp. <i>cinerea</i>	EU136626	Tóth and Lakatos 2008, subsp. nov.	strain 3107 = DSM 19724 = NCAIM B 02271.
<i>Phycococcus aerophilus</i>	EF493847	Weon et al. 2008, sp. nov.	strain 5516T-20 = DSM 18548 = KACC 20658.
<i>Phycococcus bigeumensis</i>	EF466128	Dastager et al. 2008, sp. nov.	strain MSL-03 = DSM 19264 = KCTC 19266.
<i>Pigmentiphaga litoralis</i>	EU583723	Chen et al. 2009, sp. nov.	strain JSM 061001 = CCTCC AA207034 = KCTC 22165.
<i>Planobacterium taklimakanense</i>	EU718058	Peng et al. 2009, sp. nov. (Type species of the genus).	strain X-65 = CCTCC AB 208154 = NRRL B-51322.
<i>Planomicrobium glaciei</i>	EU036220	Zhang et al. 2009, sp. nov.	strain 0423 = CGMCC 1.6846 = JCM 15088.
<i>Planotetraspora thailandica</i>	AB370244	Suriyachadkun et al. 2009, sp. nov.	strain BCC 21825 = NBRC 104271.
<i>Plantibacter auratus</i>	AB177868	Lin and Yokota 2006, sp. nov.	strain IAM 14817 = JCM 23192 = NBRC 15702 = NCIMB 9991.
<i>Polaromonas jejuensis</i>	EU030285	Weon et al. 2008, sp. nov.	strain JS12-13 = DSM 19351 = KACC 12508.
<i>Polynucleobacter necessarius</i> subsp. <i>asymbioticus</i>	AJ879783	Hahn et al. 2009, subsp. nov.	strain QLW-P1DMWA-1 = CIP 109841 = DSM 18221.

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<i>Polynucleobacter necessarius</i> subsp. <i>necessarius</i>	AM397067	Heckmann and Schmidt 1987, subsp. nov.	description [endosymbiont in stock 15 of <i>Euplotes aediculatus</i> , which is deposited at the ATCC (ATCC 30859)].
<i>Pontibacillus halophilus</i>	EU583728	Chen et al. 2009, sp. nov.	strain JSM 076056 = CCTCC AA 207029 = DSM 19796 = KCTC 13190.
<i>Porphyromonas bennonis</i>	EU414673	Summanen et al. 2009, sp. nov.	strain WAL 1926C = ATCC BAA-1629 = CCUG 55979
<i>Prevotella falsenii</i>	AB429504	Sakamoto et al. 2009, sp. nov.	strain 04052 = CCUG 56137 = JCM 15124.
<i>Prevotella histicola</i>	EU126661	Downes et al. 2008, sp. nov.	strain T05-04 = CCUG 55407 = DSM 19854
<i>Prevotella micans</i>	AF481228	Downes et al. 2009, sp. nov.	strain E7.56 = CCUG 56105 = DSM 21469.
<i>Promicromonospora flava</i>	AM992980	Jiang et al. 2009, sp. nov.	strain CC 0387 = CCTCC AA208024 = DSM 21481.
<i>Prostheco bacter fluviatilis</i>	AB305640	Takeda et al. 2008, sp. nov.	strain HAQ-1 = JCM 14805 = KACC 12649 = KCTC 22182.
<i>Prosthecomicrobium consociatum</i>	FJ560750	Vasil'eva et al. 2009, sp. nov.	strain 11 = CCM 7594 = VKM B-2498.
<i>Prosthecomicrobium mishustinii</i>	FJ560749	Vasil'eva et al. 2009, sp. nov.	strain 17 = CCM 7569 = VKM B-2499.
<i>Pseudidiomarina donghaiensis</i>	EU600204	Wu et al. 2009, sp. nov.	strain 908033 = CGMCC 1.7284 = JCM 15533.
<i>Pseudidiomarina marina</i>	EU423908	Jean et al. 2009, sp. nov.	strain PIM1 = BCRC 17749 = JCM 15083.
<i>Pseudidiomarina maritima</i>	EU600203	Wu et al. 2009, sp. nov.	strain 908087 = CGMCC 1.7285 = JCM 15534.
<i>Pseudidiomarina tainanensis</i>	EU423907	Jean et al. 2009, sp. nov.	strain PIN1 = BCRC 17750 = JCM 15084.
<i>Pseudoalteromonas arctica</i>	DQ787199	Al Khudary et al. 2008, sp. nov.	strain A 37-1-2 = DSM 18437 = LMG 23753.
<i>Pseudochrobactrum glaciei</i>	AB369864	Romanenko et al. 2008, sp. nov.	strain Pi26 = JCM 15115 = KMM 3858 = NRIC 0733.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Pseudoclavibacter soli</i>	AB329630	Kim and Jung 2009, sp. nov.	strain KP02 = JCM 15058 = KCTC 19255.
<i>Pseudogulbenkiania subflava</i>	EF626692	Lin et al. 2008, sp. nov. (Type species of the genus).	strain BP-5 = BCRC 17727 = LMG 24211.
<i>Pseudomonas cedrina</i> subsp. <i>fulgida</i>	AJ492830	Behrendt et al. 2009, subsp. nov.	strain P 515/12 = DSM 14938 = LMG 21467.
<i>Pseudomonas cuatrocienegasensis</i>	EU791281	Escalante et al. 2009, sp. nov.	strain 1N = CIP 109853 = LMG 24676.
<i>Pseudomonas japonica</i>	AB126621	Pungrasmi et al. 2008, sp. nov.	strain WL = IAM 15071 = JCM 21532 = TISTR 1526.
<i>Pseudomonas sabulinigri</i>	EU143352	Kim et al. 2009, sp. nov.	strain J64 = JCM 14963 = KCTC 22137
<i>Pseudomonas tuomuerensis</i>	DQ868767	Xin et al. 2009, sp. nov.	strain 78-123 = CGMCC 1.1365 = JCM 14085
<i>Pseudomonas xiamenensis</i>	DQ088664	Lai and Shao 2008, sp. nov.	strain C10-2 = CGMCC 1.6446 = JCM 13530 = MCCC 1A00089.
<i>Pseudomonas xinjiangensis</i>	EU286805	Liu et al. 2009, sp. nov.	strain S3-3 = CCTCC AB 207151 = NRRL B-51270.
<i>Pseudonocardia acaciae</i>	EU921261	Duangmal et al. 2009, sp. nov.	strain GMKU095 = BCC 28481 = NBRC 104274 = NRRL B-24609 = TISTR 1862.
<i>Pseudonocardia ailaonensis</i>	DQ344632	Qin et al. 2008, sp. nov.	strain YIM 45505 = DSM 44979 = KCTC 19315.
<i>Pseudonocardia carboxydivorans</i>	EF114314	Park et al. 2008, sp. nov.	strain Y8 = SWP-2006 = JCM 14827 = KCCM 42678.
<i>Pseudonocardia endophytica</i>	DQ887489	Chen et al. 2009, sp. nov.	strain YIM 56035 = CCTCC AA 206026 = DSM 44969 = KCTC 19150.
<i>Pseudonocardia thermophila</i>	EF588218	Henssen 1957, species. (Type species of the genus).	strain ATCC 19285 = DSM 43832 = IFO (now NBRC) 15559 = JCM 3095 = VKM Ac-896.
<i>Pseudonocardia xinjiangensis</i>	EU722520	(Xu et al. 1999) Huang et al. 2002, comb. nov.	strain XJ-45 = AS 4.1538 = CCTCC AA 97020 = DSM 44661 = JCM 11839.
<i>Pseudosporangium ferrugineum</i>	AB302183	Ara et al. 2008, sp. nov. (Type species of the genus).	strain 3-44-a(19) = JCM 14710 = MTCC9007

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<i>Pseudoxanthobacter soli</i>	EF465533	Arun et al. 2008, sp. nov. (Type species of the genus).	strain CC4 = CIP 109513 = DSM 19599
<i>Pseudoxanthomonas sacheonensis</i>	EF575564	Lee et al. 2008, sp. nov.	strain BD-c54 = DSM 19373 = KCTC 22080.
<i>Pseudozobellia thermophila</i>	AB084261	Nedashkovskaya et al. 2009, sp. nov. (Type species of the genus).	strain KMM 3531 = DSM 19858 = JCM 11733 = KCTC 22016.
<i>Psychrilyobacter atlanticus</i>	AY579753	Zhao et al. 2009, sp. nov. (Type species of the genus).	strain HAW-EB21 = DSM 19335 = JCM 14977.
<i>Psychrobacter fulvigenes</i>	AB438958	Romanenko et al. 2009, sp. nov.	strain KC 40 = JCM 15525 = KMM 3954 = NRIC 0746.
<i>Psychrobacter lutiphocae</i>	FM165580	Yassin and Busse 2009, sp. nov.	strain IMMIB L-1110 = CCUG 56590 = DSM 21542.
<i>Psychroflexus sediminis</i>	EU135715	Chen et al. 2009, sp. nov.	strain YIM-C238 = CCTCC AA 207030 = KCTC 22166.
<i>Psychromonas agarivorans</i>	AB374544	Hosoya et al. 2009, sp. nov.	strain J42-3A = KCTC 22285 = NBRC 104585.
<i>Psychromonas aquimarina</i>	AB304805	Miyazaki et al. 2008, sp. nov.	strain JAMM 0404 = ATCC BAA-1526 = JCM 14784.
<i>Psychromonas heitensis</i>	AB365352	Hosoya et al. 2008, sp. nov.	strain AK15-027 = MBIC 06898 = NCIMB 14416.
<i>Psychromonas japonica</i>	AB304804	Miyazaki et al. 2008, sp. nov.	strain JAMM 0394 = ATCC BAA-1525 = JCM 14783.
<i>Psychromonas macrocephali</i>	AB304806	Miyazaki et al. 2008, sp. nov.	strain JAMM 0415 = ATCC BAA-1527 = JCM 14785.
<i>Psychromonas ossibalaenae</i>	AB304808	Miyazaki et al. 2008, sp. nov.	strain JAMM 0738 = ATCC BAA-1528 = JCM 14786.
<i>Pyramidobacter piscolens</i>	EU309492	Downes et al. 2009, sp. nov. (Type species of the genus)	strain W5455 = CCUG 55836 = DSM 21147
<i>Pyrobaculum organotrophum</i>	AB063647	Huber et al. 1988, sp. nov.	strain H10 = DSM 4185 = JCM 9190.
<i>Pyrolobus fumarii</i>	X99555	Blöchl et al. 1999, sp. nov. (Type species of the genus).	strain 1A = DSM 11204.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Rheinheimera soli</i>	EF575565	Ryu et al. 2008, sp. nov.	strain BD-d46 = DSM 19413 = KCTC 22077.
<i>Rheinheimera tangshanensis</i>	DQ874340	Zhang et al. 2008, sp. nov.	strain JA3-B52 = CGMCC 1.6362 = DSM 19460.
<i>Rhizobium alamii</i>	AM931436	Berge et al. 2009, sp. nov.	strain GBV016 = CFBP 7146 = LMG 24466
<i>Rhizobium fabae</i>	DQ835306	Tian et al. 2008, sp. nov.	strain CCBAU 33202 = JCM 14831 = LMG 23997.
<i>Rhizobium mesosinicum</i>	DQ100063	Lin et al. 2009, sp. nov.	strain CCBAU 25010 = JCM 14777 = LMG 24135.
<i>Rhizobium multihospitium</i>	EF035074	Han et al. 2008, sp. nov.	strain CCBAU 83401 = HAMBI 2975 = LMG 23946.
<i>Rhizobium oryzae</i>	EU056823	Peng et al. 2008, sp. nov.	strain Alt 505 = CGMCC 1.7048 = LMG 24253.
<i>Rhizobium pisi</i>	AY509899	Ramírez-Bahena et al. 2008, sp. nov.	strain DSM 30132 = NCIMB 11478
<i>Rhodanobacter ginsenosidimutans</i>	EU332826	An et al. 2009, sp. nov.	strain Gsoil 3054 = DSM 21013 = KACC 12822 = KCTC 22231 = LMG 24457.
<i>Rhodobaca barguzinensis</i>	EF554833	Boldareva et al. 2009, sp. nov.	strain alga-05 = DSM 19920 = VKM B-2406.
<i>Rhodobacter aestuarii</i>	AM748926	Venkata Ramana et al. 2009, sp. nov.	strain JA296 = CCUG 55130 = JCM 14887.
<i>Rhodobacter maris</i>	AM745438	Venkata Ramana et al. 2008, sp. nov.	strain JA276 = ATCC BAA-1549 = CCUG 55129 = JCM 14794.
<i>Rhodobacter megalophilus</i>	AM421024	Arunasri et al. 2008, sp. nov.	strain JA194 = JCM 14598 = KCTC 5602.
<i>Rhodobacter ovatus</i>	AM690348	Srinivas et al. 2008, sp. nov.	strain JA234 = CCUG 55049 = JCM 14779
<i>Rhodoplanes serenus</i>	AB087717	Okamura et al. 2009, sp. nov.	strain TUT3530 = DSM 18633 = NBRC 102049.
<i>Rhodospirillum sulfurexigens</i>	AM710622	Anil Kumar et al. 2008, sp. nov.	strain JA143 = DSM 19785 = NBRC 104433.
<i>Rhodovulum kholense</i>	AM748927	Anil Kumar et al. 2008, sp. nov.	strain JA297 = ATCC BAA-1544 = CCUG 55397 = JCM 14888.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Rhodovulum lacipunicei</i>	AM921780	Chakravarthy et al. 2009, sp. nov.	strain JA322 = KCTC 5700 = NBRC 104147.
<i>Rickettsia raoultii</i>	DQ365810	Mediannikov et al. 2008, sp. nov.	strain Khabarovsk = ATCC VR-1596 = CSUR R3.
<i>Robiginitalea myxolifaciens</i>	AB270585	Manh et al. 2008, sp. nov.	strain YM6-073 = DSM 21019 = KCTC 22216 = MBIC 06409.
<i>Robinsoniella peoriensis</i>	AF445285	Cotta et al. 2009, sp. nov. (Type species of the genus).	strain PPC31 = CCUG 48729 = NRRL B-23985.
<i>Roseibaca ekhonensis</i>	AJ605746	Labrenz et al. 2009, sp. nov. (Type species of the genus).	strain EL-50 = CECT 7235 = DSM 11469.
<i>Roseinatronobacter monicus</i>	DQ659236	Boldareva et al. 2009, sp. nov.	strain ROS 35 = DSM 18423 = UNIQEM U251 = VKM B-2404.
<i>Roseococcus suduntuyensis</i>	EU012448	Boldareva et al. 2009, sp. nov.	strain SHET = DSM 19979 = VKM B-2453
<i>Roseomonas frigidaquae</i>	EU290160	Kim et al. 2009, sp. nov.	strain CW67 = JCM 15073 = KCTC 22211.
<i>Roseomonas stagni</i>	AB369258	Furuhata et al. 2008, sp. nov.	strain HS-69 = DSM 19981 = JCM 15034 = KCTC 22213.
<i>Roseomonas vinacea</i>	EF368368	Zhang et al. 2008, sp. nov.	strain CPCC 100056 = CCM 7468 = KCTC 22045.
<i>Roseovarius pacificus</i>	DQ120726	Wang et al. 2009, sp. nov.	strain 81-2 = CGMCC 1.7083 = LMG 24575 = MCCC 1A00293.
<i>Rubellimicrobium aerolatum</i>	EU338486	Weon et al. 2009, sp. nov.	strain 5715S-9 = DSM 19297 = KACC 12504
<i>Rubellimicrobium mesophilum</i>	EF547368	Dastager et al. 2008, sp. nov.	strain MSL-20 = DSM 19309 = KCTC 22012.
<i>Rubidibacter lacunae</i>	EF126149	Choi et al. 2008, sp. nov. (Type species of the genus).	strain KORDI 51-2 = KCTC 40015 = UTEX L2944.
<i>Ruegeria scottmollicae</i>	AM905330	Vandecandelaere et al. 2008, sp. nov.	strain CCUG 55858 = LMG 24367
<i>Rummeliibacillus stabekisii</i>	DQ870754	Vaishampayan et al. 2009, sp. nov. (Type species of the genus).	strain KSC-SF6g = NBRC 104870 = NRRL B-51320.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Saccharibacillus kuerlensis</i>	EU046270	Yang et al. 2009, sp. nov.	strain HR1 = CGMCC 1.6964 = JCM 14865 = KCTC 13182.
<i>Saccharibacillus sacchari</i>	EU014873	Rivas et al. 2008, sp. nov. (Type species of the genus).	strain GR21 = DSM 19268 = LMG 24085.
<i>Saccharopolyspora erythraea</i>	AM420293	(Waksman 1923) Labeda 1987, comb. nov.	strain ATCC 11635 = DSM 40517 = IFO (now NBRC) 13426 = JCM 4026 = ISP 5517 = JCM 4748 = NRRL 2338 = VKM Ac-1189.
<i>Saccharopolyspora halophila</i>	DQ923129	Tang et al. 2009, sp. nov.	strain YIM 90500 = DSM 45007 = KCTC 19162.
<i>Saccharopolyspora jiangxiensis</i>	EF143926	Zhang et al. 2009, sp. nov.	strain W12 = CGMCC 4.3529 = JCM 14613.
<i>Saccharopolyspora rosea</i>	AM992060	Yassin 2009, sp. nov.	strain IMMIB L-1070 = CCUG 56401 = DSM 45226.
<i>Saccharospirillum salsuginis</i>	EF177670	Chen et al. 2009, sp. nov.	strain YIM-Y25 = CCTCC AA 207033 = KCTC 22169.
<i>Saccharothrix violaceirubra</i>	AB284261	Otoguro et al. 2009, sp. nov.	strain YU 692-1 = KCTC 19326 = NBRC 102064.
<i>Salinibacterium xinjiangense</i>	DQ515964	Zhang et al. 2008, sp. nov.	strain 0543 = CGMCC 1.5381 = JCM 13926.
<i>Salinicoccus albus</i>	EF177692	Chen et al. 2009, sp. nov.	strain YIM-Y21 = CCTCC AA 207024 = DSM 19776 = KCTC 13192.
<i>Salinicoccus halodurans</i>	DQ989633	Wang et al. 2008, sp. nov.	strain W24 = CGMCC 1.6501 = DSM 19336.
<i>Salinicola socius</i>	DQ979342	Anan'ina et al. 2008, sp. nov. (Type species of the genus).	strain SMB35 = DSM 19940 = VKM B-2397.
<i>Salinimicrobium terrae</i>	EU135614	Chen et al. 2008, sp. nov.	strain YIM-C338 = CGMCC 1.6308 = DSM 17865.
<i>Salinivibrio siamensis</i>	AB285018	Chamroensaksri et al. 2009, sp. nov.	strain ND1-1 = JCM 14472 = PCU 301 = TISTR 1810.
<i>Schumannella luteola</i>	AB362159	An et al. 2009, sp. nov. (Type species of the genus).	strain KHIA = IAM 15435 = JCM 23215 = TISTR 1824.
<i>Sciscionella marina</i>	EU503139	Tian et al. 2009, sp. nov. (Type species of the genus).	strain SCSIO 00231 = CCTCC AA208009 = KCTC 19433.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Sediminibacillus albus</i>	DQ989634	Wang et al. 2009, sp. nov.	strain NHBX5 = CGMCC 1.6502 = DSM 19340.
<i>Sediminibacillus halophilus</i>	AM905297	Carrasco et al. 2008, sp. nov. (Type species of the genus).	strain EN8d = CCM 7364 = CECT 7148 = CGMCC 1.6199 = DSM 18088.
<i>Sediminibacterium salmoneum</i>	EF407879	Qu and Yuan 2008, sp. nov. (Type species of the genus).	strain NJ-44 = CGMCC 1.6845 = NBRC 103935.
<i>Sediminimonas qiaohouensis</i>	EU878003	Wang et al. 2009, sp. nov. (Type species of the genus).	strain YIM B024 = CCTCC AA 208033 = KCTC 22349.
<i>Selenomonas bovis</i>	EF139191	Zhang and Dong 2009, sp. nov.	strain WG = CGMCC 1.5073 = JCM 15470.
<i>Selenomonas lipolytica</i>	AF001901	Dighe et al. 1998, sp. nov.	strain CF1B = MCMB 505 (deposited in the MCM culture collection centre).
<i>Serratia nematodiphila</i>	EU036987	Zhang et al. 2009, sp. nov.	strain DZ0503SBS1 = CGMCC 1.6853 = KCTC 22130.
<i>Sharpea azabuensis</i>	AB210824	Morita et al. 2008, sp. nov. (Type species of the genus).	strain ST18 = DSM 18934 = JCM 14210.
<i>Shewanella basaltis</i>	EU143361	Chang et al. 2008, sp. nov.	strain J83 = JCM 14937 = KCTC 22121.
<i>Shewanella marina</i>	EU290154	Park et al. 2009, sp. nov.	strain C4 = JCM 15074 = KCTC 22185.
<i>Shewanella vesiculosa</i>	AM980877	Bozal et al. 2009, sp. nov.	strain M7 = CECT 7339 = LMG 24424
<i>Shinella yambaruensis</i>	AB285481	Matsui et al. 2009, sp. nov.	strain MS4 = DSM 18801 = NBRC 102122.
<i>Singularimonas variicoloris</i>	AJ555478	Friedrich and Lipski 2008, sp. nov. (Type species of the genus).	strain MN28 = DSM 15731 = LMG 22844.
<i>Sinomonas flava</i>	EU370704	Zhou et al. 2009, sp. nov. (Type species of the genus).	strain CW 108 = CCTCC AB 207194 = KCTC 19388 = LMG 24447
<i>Skermanella xinjiangensis</i>	EU586202	An et al. 2009, sp. nov.	strain 10-1-101 = CCTCC AB 207153 = NRRL B-51273.
<i>Solitalea koreensis</i>	EU787448	Weon et al. 2009, sp. nov. (Type species of the genus).	strain R2A36-4 = DSM 21342 = KACC 12953.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Sphaerisporangium album</i>	EU499344	Cao et al. 2009, sp. nov.	strain YIM 48782 = CCTCC AA 208026 = DSM 45172.
<i>Sphaerisporangium flaviroseum</i>	EU499338	Cao et al. 2009, sp. nov.	strain YIM 48771 = DSM 45170 = KCTC 19393.
<i>Sphingobacterium anhuiense</i>	EU364817	Wei et al. 2008, sp. nov.	strain CW 186 = CCTCC AB 207197 = KCTC 22209.
<i>Sphingobacterium kitahiroshimense</i>	AB361248	Matsuyama et al. 2008, sp. nov.	strain 10C = JCM 14970 = NCIMB 14398.
<i>Sphingobium rhizovicinum</i>	EF465534	Young et al. 2008, sp. nov.	strain CC-FH12-1 = BCRC 17770 = CCM 7491.
<i>Sphingobium ummariense</i>	EF207155	Singh and Lal 2009, sp. nov.	strain RL-3 = CCM 7431 = MTCC 8599.
<i>Sphingomonas aestuarii</i>	EF660755	Roh et al. 2009, sp. nov.	strain K4 = DSM 19475 = KCTC 22050.
<i>Sphingomonas astaxanthinifaciens</i>	AB277583	Asker et al. 2008, sp. nov.	strain TDMA-17 = CCUG 53608 = NBRC 102146.
<i>Sphingomonas japonica</i>	AB428568	Romanenko et al. 2009, sp. nov.	strain KC7 = JCM 15438 = KMM 3038 = NRIC 0738.
<i>Sphingomonas sanxanigenens</i>	DQ789172	Huang et al. 2009, sp. nov.	strain NX02 = CGMCC 1.6417 = DSM 19645.
<i>Sphingopyxis ginsengisoli</i>	AB245343	Lee et al. 2008, sp. nov.	strain Gsoil 250 = KCTC 12582 = LMG 23390.
<i>Sphingopyxis litoris</i>	DQ781321	Kim et al. 2008, sp. nov.	strain FR1093 = IMSNU 14133 = JCM 14162 = KCTC 12764
<i>Sphingopyxis marina</i>	DQ781320	Kim et al. 2008, sp. nov.	strain FR1087 = IMSNU 14132 = JCM 14161 = KCTC 12763.
<i>Spirochaeta cellobiosiphila</i>	EU448140	Breznak and Warnecke 2008, sp. nov.	strain SIP1 = ATCC BAA-1285 = DSM 17781.
<i>Spirochaeta dissipatitropha</i>	AY995150	Pikuta et al. 2009, sp. nov.	strain ASpC2 = ATCC BAA-1083 = JCM 12856
<i>Spirosoma luteum</i>	EF451726	Finster et al. 2009, sp. nov.	strain SPM-10 = RODSPM10 = DSM 19990 = NCIMB 14406.

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Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Spirosoma panaciterrae</i>	EU370956	Ten et al. 2009, sp. nov.	strain Gsoil 1519 = DSM 21099 = KCTC 22263.
<i>Spirosoma spitsbergense</i>	EF451725	Finster et al. 2009, sp. nov.	strain SPM-9 = RODSPM9 = DSM 19989 = NCIMB 14407.
<i>Spongiispira norvegica</i>	AM117931	Kaesler et al. 2008, sp. nov. (Type species of the genus).	strain Gp_4_7.1 = DSM 17749 = NCIMB 14401.
<i>Sporolactobacillus vineae</i>	EF581819	Chang et al. 2008, sp. nov.	strain SL153 = JCM 14637 = KCTC 5376.
<i>Sporosarcina antarctica</i>	EF154512	Yu et al. 2008, sp. nov.	strain N-05 = CGMCC 1.6503 = JCM 14646.
<i>Stackebrandtia albiflava</i>	DQ985165	Wang et al. 2009, sp. nov.	strain YIM 45751 = CCTCC AA 206003 = DSM 45044.
<i>Staphylococcus carnosus</i> subsp. <i>utilis</i>	AB233329	Probst et al. 1998, subsp. nov.	strain SK 11 = LTH 3728 = CCUG 39903 = CIP 105758 = DSM 11676 = JCM 6067.
<i>Steroidobacter denitrificans</i>	EF605262	Fahrbach et al. 2008, sp. nov. (Type species of the genus).	strain FS = DSM 18526 = JCM 14622.
<i>Streptacidiphilus anmyonensis</i>	DQ904546	Cho et al. 2008, sp. nov.	strain AM-11 = KCTC 19278 = NBRC 103185.
<i>Streptacidiphilus melanogenes</i>	DQ994689	Cho et al. 2008, sp. nov.	strain SB-B34 = KCTC 19280 = NBRC 103184.
<i>Streptacidiphilus rugosus</i>	DQ904547	Cho et al. 2008, sp. nov.	strain AM-16 = KCTC 19279 = NBRC 103186.
<i>Streptococcus merionis</i>	AM396401	Tappe et al. 2009, sp. nov.	strain WUE3771 = CCUG 54871 = DSM 19192.
<i>Streptococcus plurextorum</i>	AM774228	Vela et al. 2009, sp. nov.	strain 1956-02 = CCUG 52972 = CECT 7308.
<i>Streptomonospora halophila</i>	EF423989	Cai et al. 2008, sp. nov.	strain YIM 91355 = DSM 45075 = KCTC 19236.
<i>Streptomyces alni</i>	DQ460470	Liu et al. 2009, sp. nov.	strain D65 = CGMCC 4.3510 = NRRL B-24611.
<i>Streptomyces axinellae</i>	EU683612	Pimentel-Elardo et al. 2009, sp. nov.	strain Pol001 = CIP 109838 = DSM 41948.

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<i>Streptomyces gulbargensis</i>	DQ317411	Dastager et al. 2009, sp. nov.	strain DAS 131 = CCTCC AA 206001 = KCTC 19179.
<i>Streptomyces hypolithicus</i>	EU196762	Le Roes-Hill et al. 2009, sp. nov.	strain HSM#10 = DSM 41950 = NRRL B-24669.
<i>Streptomyces lunalinharesii</i>	DQ094838	de Souza et al. 2008, sp. nov.	strain RCQ1071 = ATCC BAA-1231 = CIP 108852 = DSM 41876.
<i>Streptomyces mayteni</i>	EU200683	Chen et al. 2009, sp. nov.	strain YIM 60475 = CCTCC AA 207005 = KCTC 19383.
<i>Streptomyces nanshensis</i>	EU589334	Tian et al. 2009, sp. nov.	strain SCSIO 01066 = CCTCC AA 208005 = KCTC 19400.
<i>Streptomyces plumbiresistens</i>	EU526954	Guo et al. 2009, sp. nov.	strain CCNWHX 13-160 = ACCC 41207 = HAMB1 2991
<i>Streptomyces polyantibioticus</i>	DQ141528	le Roes-Hill and Meyers 2009, sp. nov.	strain SPR = DSM 44925 = NRRL B-24448.
<i>Streptomyces sedi</i>	EU925562	Li et al. 2009, sp. nov.	strain YIM 65188 = CCTCC AA 208020 = DSM 41942.
<i>Streptomyces specialis</i>	AM934703	Kämpfer et al. 2008, sp. nov.	strain GW41-1564 = CCM 7499 = DSM 41924.
<i>Streptomyces tritolerans</i>	DQ345779	Dastager et al. 2009, sp. nov.	strain DAS 165 = CCTCC AA 206013 = DSM 41899.
<i>Streptomyces xiamenensis</i>	EF012099	Xu et al. 2009, sp. nov.	strain MCCC 1A01550 = CGMCC 4.3534 = DSM 41903
<i>Streptosporangium canum</i>	AY996844	Zhang et al. 2009, sp. nov.	strain HBUM 170018 = 7177 = CGMCC 4.2126 = DSM 45034.
<i>Sulfobacillus benefaciens</i>	EF679212	Johnson et al. 2009, sp. nov.	strain BRGM2 = ATCC BAA-1648 = DSM 19468.
<i>Sulfolobus shibatae</i>	M32504	Grogan et al. 1991, sp. nov.	strain B12 = ATCC 51178 = DSM 5389 = IFO (now NBRC) 15437 = JCM 8931.
<i>Syntrophorhabdus aromaticivorans</i>	AB212873	Qiu et al. 2008, sp. nov. (Type species of the genus).	strain UI = DSM 17771 (in co-culture with <i>Desulfovibrio</i> sp. strain UIS) = JCM 13376 (in co-culture with <i>Methanospirillum hungatei</i> DSM 864).

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<i>Tamlana agarivorans</i>	EU221275	Yoon et al. 2008, sp. nov.	strain JW-26 = KCTC 22176 = CCUG 55327
<i>Tanticharoenia sakaeratensis</i>	AB304087	Yukphan et al. 2008, sp. nov. (Type species of the genus).	strain AC37 = BCC 15772 = NBRC 103193.
<i>Tenacibaculum crassostreae</i>	EU428783	Lee et al. 2009, sp. nov.	strain JO-1 = JCM 15428 = KCTC 22329.
<i>Tessaracoccus lubricantis</i>	FM178840	Kämpfer et al. 2009, sp. nov.	strain KSS-17Se = CCUG 55516 = DSM 19926.
<i>Thalassobacter arenae</i>	EU342372	Kim et al. 2009, sp. nov.	strain GA2-M15 = DSM 19593 = KACC 12675.
<i>Thalassomonas actiniarum</i>	AB369380	Hosoya et al. 2009, sp. nov.	strain A5K-106 = MBIC08328 = NBRC 104231 = NCIMB 14418.
<i>Thalassomonas haliotis</i>	AB369381	Hosoya et al. 2009, sp. nov.	strain A5K-61 = MBIC08329 = NBRC 104232 = NCIMB 14417.
<i>Thauera butanivorans</i>	AB021377	Dubbels et al. 2009 ex Takahashi et al. 1980, sp. nov.	strain Bu-B1211 = ATCC 43655 = DSM 2080 = IAM 12574 = JCM 20651
<i>Thermanaerovibrio acidaminovorans</i>	ABUW01000006	(Guangsheng et al. 1997) Baena et al. 1999, comb. nov. (Type species of the genus).	strain Su883 = ATCC 49978 = DSM 6589.
<i>Thermoanaerobacter uzonensis</i>	EF530067	Wagner et al. 2008, sp. nov.	strain JW/IW010 = ATCC BAA-1464 = DSM 18761.
<i>Thermobifida halotolerans</i>	EU250489	Yang et al. 2008, sp. nov.	strain YIM 90462 = DSM 44931 = KCTC 19123.
<i>Thermodesulfovibrio aggregans</i>	AB021302	Sekiguchi et al. 2008, sp. nov.	strain TGE-P1 = DSM 17283 = JCM 13213.
<i>Thermodesulfovibrio hydrogeniphilus</i>	EF081294	Haouari et al. 2009, sp. nov.	strain Hbr5 = DSM 18151 = JCM 13991
<i>Thermodesulfovibrio thiophilus</i>	AB231857	Sekiguchi et al. 2008, sp. nov.	strain TDV = DSM 17215 = JCM 13216.
<i>Thermoproteus neutrophilus</i>	CP001014	Stetter and Zillig 1989, sp. nov.	strain DSM 2338 = JCM 9278 = NBRC 100436.
<i>Thermosipho africanus</i>	DQ647057	Huber et al. 1989, sp. nov. (Type species of the genus).	strain Ob7 = DSM 5309.

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<i>Thermotalea metallivorans</i>	EU443727	Ogg and Patel 2009, sp. nov. (Type species of the genus).	strain B2-1 = DSM 21119 = JCM 15105 = KCTC 5625.
<i>Thioalkalibacter halophilus</i>	EU124668	Banciu et al. 2009, sp. nov. (Type species of the genus).	strain ALCO 1 = DSM 19224 = NCCB 100269 = UNIQEM U263.
<i>Thiobacillus thiophilus</i>	EU685841	Kellermann and Griebler 2009, sp. nov.	strain D24TN = DSM 19892 = JCM 15047.
<i>Thiofaba tepidiphila</i>	AB304258	Mori and Suzuki 2008, sp. nov. (Type species of the genus).	strain BDA453 = DSM 19618 = NBRC 103218.
<i>Thiohalorhabdus denitrificans</i>	DQ469582	Sorokin et al. 2008, sp. nov. (Type species of the genus).	strain HL 19 = DSM 15699 = UNIQEM U223.
<i>Thiohalospira alkaliphila</i>	EU169227	Sorokin et al. 2008, sp. nov.	strain ALgr 6sp = DSM 17116 = UNIQEM U372.
<i>Thiohalospira halophila</i>	DQ469576	Sorokin et al. 2008, sp. nov. (Type species of the genus).	strain HL 3 = DSM 15071 = UNIQEM U219.
<i>Thiomonas cuprina</i>	AB331954	Moreira and Amils 1997, sp. nov.	strain DSM 5495.
<i>Thiophageococcus mangrovi</i>	AM748925	Anil Kumar et al. 2008, sp. nov. (Type species of the genus).	strain JA304 = DSM 19863 = JCM 14889.
<i>Tindallia texcoconensis</i>	DQ234901	Alazard et al. 2009, sp. nov.	strain IMP-300 = DSM 18041 = JCM 13990.
<i>Tranquillimonas alkanivorans</i>	AB302386	Harwati et al. 2008, sp. nov. (Type species of the genus).	strain A34 = DSM 19547 = JCM 14836.
<i>Treponema pedis</i>	EF061268	Evans et al. 2009, sp. nov.	strain T3552B = DSM 18691 = NCTC 13403
<i>Tropicibacter naphthalenivorans</i>	AB302370	Harwati et al. 2009, sp. nov. (Type species of the genus).	strain C02 = DSM 19561 = JCM 14838
<i>Tropicimonas isoalkanivorans</i>	AB302379	Harwati et al. 2009, sp. nov. (Type species of the genus).	strain B51 = DSM 19548 = JCM 14837
<i>Tsukamurella carboxydivorans</i>	EU521689	Park et al. 2009, sp. nov.	strain Y2 = JCM 15482 = KCCM 42885.
<i>Tsukamurella sunchonensis</i>	AF150494	Seong et al. 2008, sp. nov.	strain SCNU5 = KCTC 9827 = NRRL B-24668.

Table 1: New species included in the All-Species Living Tree**LTP_s100**

Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Veillonella magna</i>	EU096495	Kraatz and Taras 2008, sp. nov.	strain lac18 = CCUG 55454 = CIP 109767 = DSM 19857 = JCM 15053.
<i>Verminephrobacter eiseniae</i>	DQ327663	Pinel et al. 2008, sp. nov. (Type species of the genus).	strain EF01-2 = ATCC BAA-1489 = DSM 19249.
<i>Vibrio areninigrae</i>	EU143360	Chang et al. 2008, sp. nov.	strain J74 = JCM 14949 = KCTC 22122.
<i>Vibrio azureus</i>	AB428897	Yoshizawa et al. 2009, sp. nov.	strain LC2-005 = KCTC 22352 = NBRC 104587.
<i>Vibrio breoganii</i>	EF599161	Beaz Hidalgo et al. 2009, sp. nov.	strain RD 15.11 = CECT 7222 = LMG 23858.
<i>Vibrio gallaecicus</i>	EU541605	Beaz-Hidalgo et al. 2009, sp. nov.	strain VB 8.9 = CECT 7244 = LMG 24045.
<i>Vibrio hangzhouensis</i>	EU082035	Xu et al. 2009, sp. nov.	strain CN83 = CGMCC 1.7062 = JCM 15146.
<i>Vibrio porteresiae</i>	EF488079	Rameshkumar et al. 2008, sp. nov.	strain MSSRF30 = DSM 19223 = LMG 24061.
<i>Vibrio sinaloensis</i>	DQ451211	Gomez-Gil et al. 2008, sp. nov.	strain CAIM 797 = CECT 7298
<i>Virgibacillus salarius</i>	AB197851	Hua et al. 2008, sp. nov.	strain SA-Vb1 = DSM 18441 = JCM 12946.
<i>Virgibacillus sediminis</i>	AY121430	Chen et al. 2009, sp. nov.	strain YIM kkn3 = CCTCC AA 207023 = DSM 19797 = KCTC 13193.
<i>Vogesella perlucida</i>	EF626691	Chou et al. 2008, sp. nov.	strain DS-28 = BCRC 17730 = LMG 24214.
<i>Weissella ghanensis</i>	AM882997	De Bruyne et al. 2008, sp. nov.	strain 215 = DSM 19935 = LMG 24286.
<i>Winogradskyella arenosi</i>	AB438962	Romanenko et al. 2009, sp. nov.	strain R60 = KMM 3968 = JCM 15527 = NRIC 0748.
<i>Winogradskyella echinorum</i>	EU727254	Nedashkovskaya et al. 2009, sp. nov.	strain KMM 6211 = KCTC 22026 = LMG 24757.
<i>Xylella fastidiosa</i> subsp. <i>multiplex</i>	AF203388	Schaad et al. 2009, subsp. nov.	strain PL.788 = ATCC 35871 = ICPB 50039 = ICMP 15199.
<i>Zavarzinella formosa</i>	AM162406	Kulichevskaya et al. 2009, sp. nov. (Type species of the genus).	strain A10 = DSM 19928 = VKM B-2478

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LTP_s100

Taxon name	Accession number	Author(s)	Type strain cited in its effective publication
<i>Zhihengliuella alba</i>	EU847536	Tang et al. 2009, sp. nov.	strain YIM 90734 = DSM 21143 = KCTC 19375.
<i>Zoogloea caeni</i>	DQ413148	Shao et al. 2009, sp. nov.	strain EMB43 = DSM 19389 = KCTC 22084

* Do not meet the criteria required by the *Bacteriological Code* (1990 revision), or they are incorrect, or they are rejected.

** Do not meet the criteria required by the *Bacteriological Code* (1990 revision), or they are incorrect, or they are rejected, but they are cited in the Request for an Opinion by Euzéby and Tindall (*Int. J. Syst. Evol. Microbiol.*, 2004, 54, 293-301).