

Species	Genbank ID	Classification
Methanothermobacter thermautotrophicus str. Delta H	NC_000916	Archaea Methanobacteria
Rhodopirellula baltica SH 1	NC_000101	Alphaproteobacteria Rhodospirillales Rhodopirellaceae
Salinibacter ruber DSM 16272	NC_000162	Actinobacteria Actinomycetales Actinomycetaceae
Campylobacter (a hutchinsonii A) CC 1006	NC_000101	Actinobacteria Actinomycetales Actinomycetaceae
Streptomyces (a) orsetii -) 0001	NC_000101	Actinobacteria Actinomycetales Streptomyces
Streptomyces (a) romonae (in (i) alis 0001	NC_000101	Actinobacteria Actinomycetales Streptomyces
Streptomyces (a) thetaiotaomicron 1#23	NC_000101	Actinobacteria Actinomycetales Streptomyces
Streptomyces (a) ra (ilis NC) C 9001	NC_000101	Actinobacteria Actinomycetales Streptomyces
A4ui, e5 aeolicus 1.	NC_000916	Actinobacteria Actinomycetales Actinomycetaceae
Thermotoga (a) hermotoga (a) maritima MS	NC_000101	Actinobacteria Thermotogales Thermotogaceae
Mesoplasma (a) lorum 61	NC_00060	Actinobacteria Mollicutes Mollicutes
Mycoplasma (a) mageritense subsp. mageritense SC str. #1	NC_00060	Actinobacteria Mollicutes Mollicutes
Mycoplasma (a) capricolum subsp. capricolum A) CC 1006	NC_00060	Actinobacteria Mollicutes Mollicutes
Mycoplasma (a) allisepticum R	NC_00060	Actinobacteria Mollicutes Mollicutes
Mycoplasma (a) enitalium +%	NC_00090	Actinobacteria Mollicutes Mollicutes
Mycoplasma (a) penetrans H. 31	NC_00060	Actinobacteria Mollicutes Mollicutes
Mycoplasma (a) pneumoniae M109	NC_00091	Actinobacteria Mollicutes Mollicutes
7reaplasma parvum serovar A) CC 1009	NC_00016	Actinobacteria Mollicutes Mollicutes
Mycoplasma (a) pulmonis 7A) C) 2#	NC_00010	Actinobacteria Mollicutes Mollicutes
Mycoplasma (a) pneumoniae %	NC_00010	Actinobacteria Mollicutes Mollicutes
Mycoplasma (a) mobile 16%-	NC_00090	Actinobacteria Mollicutes Mollicutes
Mycoplasma (a) pneumoniae ! %!	NC_00060	Actinobacteria Mollicutes Mollicutes
8nion \$ello9s ph\$toplasma 8:3M	NC_00060	Actinobacteria Mollicutes Achleplasmatales
Aster \$ello9s 9itches:3broom ph\$toplasma A: 0'	NC_00016	Actinobacteria Mollicutes Achleplasmatales
Candidatus (a) rotochlamidia amoebophila 70<!	NC_00061	Chlamydiae Chlamydiae
Chlamydia (a) muridarum Ni((	NC_00061	Chlamydiae Chlamydiae
Chlamydia (a) trachomatis A-HAR31%	NC_00010	Chlamydiae Chlamydiae
Chlamydia (a) pneumoniae AR%9	NC_00010	Chlamydiae Chlamydiae
Chlamydia (a) dophila ,elis . e=C3 6	NC_00099	Chlamydiae Chlamydiae
Chlamydia (a) dophila abortus S! 6-%	NC_00010	Chlamydiae Chlamydiae
Chlamydia (a) dophila ca/iae +#2C	NC_00061	Chlamydiae Chlamydiae
' orrelia burdickii (d) eri ' %1	NC_00010 & NC_00010 & 9 NC_00010 & ! NC_00010 & *	Spirochaetes Spirochaetes

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	NC_001& "	
' orrelia a,>elii #-o	NC_00&! "" NC_00& 6* NC_00& 6 NC_00& 69	Spirochaetes Spirochaetes
' orrelia (arinii #' i	NC_0061! 9 NC_0061 6	Spirochaetes Spirochaetes
)reponema denticola A)CC % *0	NC_00! 96"	Spirochaetes Spirochaetes
)reponema pallidum subsp. pallidum str. Nichols	NC_000919	Spirochaetes Spirochaetes
6eptospira interro(ans sero/ar Copenha(eni str. .iocru> 6131%0	NC_00 &! %	Spirochaetes Spirochaetes
6eptospira bor(petersenii sero/ar Hard?o3bo/is @ 19"	NC_00& 10 NC_00& 11	Spirochaetes Spirochaetes
)hermus thermophilus H' ! "	NC_00 &% NC_00 &%&	Deinococcus3) hermus Deinococci
Deinococcus radiodurans R1	NC_0009 & NC_001! 6% NC_001! 6*	Deinococcus3) hermus Deinococci
Deinococcus (eothermalis DSM 11%00	NC_00&010 NC_00&0!	Deinococcus3) hermus Deinococci
.usobacterium nucleatum subsp. nucleatum A)CC ! &6	NC_00%* *	.usobacteria .usobacteria
Chlorobium tepidum )6S	NC_00! 9%!	Chlorobi Chlorobia
#elodict\$on luteolum DSM ! "%	NC_00" 1!	Chlorobi Chlorobia
Chlorobium chlorochromatii CaD%	NC_00" 1*	Chlorobi Chlorobia
Chlorobium phaeobacteroides DSM ! 66	NC_00&6%9	Chlorobi Chlorobia
Camp\$lobacter ,etus subsp. ,etus &! 3*0	NC_00& 99	#roteobacteria <pilonproteobacteria
Camp\$lobacter ?e?uni RM1! ! 1	NC_00%91!	#roteobacteria <pilonproteobacteria
Oolinella succino(enes DSM 1" *0	NC_00 090	#roteobacteria <pilonproteobacteria
Helicobacter hepaticus A)CC 1**9	NC_00*91"	#roteobacteria <pilonproteobacteria
Helicobacter acinon\$chis str. Sheeba	NC_00&! ! 9	#roteobacteria <pilonproteobacteria
Helicobacter p\$lori ! 669	NC_00091	#roteobacteria <pilonproteobacteria
Meth\$libium petroleiphilum #M1	NC_00&&! NC_00&&! 6	#roteobacteria ' etaproteobacteria
Rhodo,era5 ,errireducens ) 11&	NC_00" 901 NC_00" 90&	#roteobacteria ' etaproteobacteria
#olaromonas naphthaleni/orans C@	NC_00&" " NC_00&" 9 NC_00&" 61 NC_00&" 6! NC_00&" 6* NC_00&" &1	#roteobacteria ' etaproteobacteria
1erminephrobacter eiseniae <. 013!	NC_00&" " 1 NC_00&" &6	#roteobacteria ' etaproteobacteria
Acido/ora5 a/enaе subsp. citrulli AAC0031	NC_00&" !	#roteobacteria ' etaproteobacteria
Chromobacterium /iolaceum A)CC 1! *"!	NC_00 0&	#roteobacteria ' etaproteobacteria
Neisseria (onorrhoeae .A 1090	NC_00! 9*6	#roteobacteria ' etaproteobacteria
Neisseria menin(itidis .AM1&	NC_00&" 6"	#roteobacteria ' etaproteobacteria
Nitrosospira multi,ormis A)CC ! 196	NC_00" 61*	#roteobacteria ' etaproteobacteria
Nitrosomonas europaea A)CC 19" 1&	NC_00*" "	#roteobacteria ' etaproteobacteria

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Nitrosomonas eutropha C91	NC_008888	#roteobacteria ' etaproteobacteria
' ordetella pertussis )ohama 2	NC_001919	#roteobacteria ' etaproteobacteria
' ordetella parapertussis 1! &! !	NC_001918	#roteobacteria ' etaproteobacteria
' ordetella bronchiseptica R' 0	NC_001917	#roteobacteria ' etaproteobacteria
Ralstonia solanacearum +M21000	NC_001916 NC_001915	#roteobacteria ' etaproteobacteria
Ralstonia metallidurans CH%*	NC_001914 NC_001913 NC_001912 NC_001911	#roteobacteria ' etaproteobacteria
Ralstonia eutropha H16	NC_001910 NC_001909	#roteobacteria ' etaproteobacteria
' urAholderia 5eno/orans 6' *00	NC_001908 NC_001907 NC_001906	#roteobacteria ' etaproteobacteria
' urAholderia cenocepacia A7 10 *	NC_001905 NC_001904 NC_001903	#roteobacteria ' etaproteobacteria
' urAholderia cepacia AMMD	NC_001902 NC_001901 NC_001900 NC_001899	#roteobacteria ' etaproteobacteria
' urAholderia thailandensis <! 6*	NC_001898 NC_001897	#roteobacteria ' etaproteobacteria
' urAholderia pseudomallei 1" 10b	NC_001896 NC_001895	#roteobacteria ' etaproteobacteria
' urAholderia mallei A)CC ! %%**	NC_001894 NC_001893	#roteobacteria ' etaproteobacteria
Meth\$lobacillus ,la(ellatus -)	NC_001892	#roteobacteria ' etaproteobacteria
)hiobacillus denitricans A)CC ! ! 9	NC_001891	#roteobacteria ' etaproteobacteria
Dechloromonas aromatica RC'	NC_001890	#roteobacteria ' etaproteobacteria
A>oarcus sp. <bN1	NC_001889 NC_001888 NC_001887	#roteobacteria ' etaproteobacteria
A>oarcus sp. ' H" !	NC_001886	#roteobacteria ' etaproteobacteria
Candidatus Ruthia ma(ni,ica str. Cm BCal\$pto(ena ma(ni,ica	NC_001885	unclassified_acteria
. rancisella tularensis subsp. holarctica	NC_001884	#roteobacteria +ammmaproteobacteria
)hiomicrospira denitricans A)CC %%%&&9	NC_001883	#roteobacteria +ammmaproteobacteria
)hiomicrospira cruno(ena DC63!	NC_001882	#roteobacteria +ammmaproteobacteria
' uchnera aphidicola str. A#S BAc\$rthosiphon pisumC	NC_001881	#roteobacteria +ammmaproteobacteria
Haemophilus somnus 1! 9#)	NC_001880	#roteobacteria +ammmaproteobacteria
Mannheimia succiniciproducens M' <6 <	NC_001879	#roteobacteria +ammmaproteobacteria
Actinobacillus pleuropneumoniae 6! 0	NC_001878	#roteobacteria +ammmaproteobacteria
Haemophilus ducre\$i % 000H#	NC_001877	#roteobacteria +ammmaproteobacteria
#asteurella multocida subsp. multocida str. #m" 0	NC_001876	#roteobacteria +ammmaproteobacteria
Haemophilus in,luen>ae &630! &N#	NC_001875	#roteobacteria +ammmaproteobacteria
#s\$chromonas in(rahamii %"	NC_001874	#roteobacteria +ammmaproteobacteria
Col9ellia ps\$chrer\$thraea %*H	NC_001873	#roteobacteria +ammmaproteobacteria
2diomarina loihiensis 6! )R	NC_001872	#roteobacteria +ammmaproteobacteria

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' aumannia cicadellinicola str. Hc BHomalodisca coa (ulataC	NC_00" 9&*	#roteobacteria + ammaproteobacteria
Candidatus ' lochmannia ,loridanus	NC_00 061	#roteobacteria + ammaproteobacteria
Candidatus ' lochmannia penns\$/anicus str. ' #<N	NC_00"! 9!	#roteobacteria + ammaproteobacteria
#seudoalteromonas atlantica ) 6c	NC_00&! ! &	#roteobacteria + ammaproteobacteria
#seudoalteromonas haloplanAtis )AC1!	NC_00" * &1 NC_00" * &!	#roteobacteria + ammaproteobacteria
#hotobacterium pro,undum SS9	NC_00 &" 1 NC_006%" 0 NC_006%" 1	#roteobacteria + ammaproteobacteria
1ibrio cholerae 81 bio/ar eltor str. N16961	NC_00! 0 NC_00! 06	#roteobacteria + ammaproteobacteria
1ibrio ,ischeri <S11*	NC_006&*0 NC_006&*1 NC_006&*!	#roteobacteria + ammaproteobacteria
1ibrio parahaemol\$ticus R2MD !! 106%%	NC_00*60% NC_00*60	#roteobacteria + ammaproteobacteria
1ibrio /ulni,icus CMC#6	NC_00** 9 NC_00**60	#roteobacteria + ammaproteobacteria
#hotorhabdus luminescens subsp. laumondii )) 81	NC_00 1! 6	#roteobacteria + ammaproteobacteria
<r9inia caroto/ora subsp. atroseptica SCR210*%	NC_00* **	#roteobacteria + ammaproteobacteria
Salmonella t\$phimurium 6)!	NC_00%19"	#roteobacteria + ammaproteobacteria
Salmonella enterica subsp. enterica sero/ar Choleraesuis str. SC3' 6"	NC_006& NC_006& 6 NC_00690	#roteobacteria + ammaproteobacteria
Shi(ella bo\$dii Sb! ! "	NC_00" 60& NC_00" 61%	#roteobacteria + ammaproteobacteria
Shi(ella ,le5neri ! a str. ! * " )	NC_00** *1	#roteobacteria + ammaproteobacteria
Shi(ella d\$senteriae Sd19"	NC_00" 606 NC_00" 60"	#roteobacteria + ammaproteobacteria
<scherichia coli - 1!	NC_00091%	#roteobacteria + ammaproteobacteria
Shi(ella sonnei Ss0*6	NC_00" %&* NC_00" %&	#roteobacteria + ammaproteobacteria
Sodalis (lossinidius str. ;morsitans;	NC_00" " 1! NC_00" " 1%	#roteobacteria + ammaproteobacteria
: ersinia enterocolitica subsp. enterocolitica &0&1	NC_00&" 91 NC_00&&00	#roteobacteria + ammaproteobacteria
: ersinia pestis C89!	NC_00%1%* NC_00%1*%	#roteobacteria + ammaproteobacteria
: ersinia pseudotuberculosis 2# %! 9 %	NC_0061 % NC_0061 * NC_0061	#roteobacteria + ammaproteobacteria
Aeromonas h\$drophila subsp. h\$drophila A)CC " 966	NC_00& " 0	#roteobacteria + ammaproteobacteria
She9anella ama>onensis S' ! '	NC_00&" 00	#roteobacteria + ammaproteobacteria
She9anella denitri,icans 8S! 1"	NC_00" 9 *	#roteobacteria + ammaproteobacteria
She9anella ,ri(idimarina NC2M' *00	NC_00&%"	#roteobacteria + ammaproteobacteria
She9anella baltica 8S1	NC_0090% NC_0090%& NC_0090 !	#roteobacteria + ammaproteobacteria
She9anella oneidensis MR31	NC_00*%"	#roteobacteria + ammaproteobacteria
Acinetobacter sp. AD#1	NC_00 966	#roteobacteria + ammaproteobacteria
#s\$chrobacter arcticus ! "%3*	NC_00"! 0*	#roteobacteria + ammaproteobacteria
#s\$chrobacter cr\$ohalolentis -	NC_00" 96& NC_00" 969	#roteobacteria + ammaproteobacteria

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Danthomonas campestris p/. /esicatoria str. & 310	NC_00" 0&	#roteobacteria + ammaproteobacteria
Danthomonas a5onopodis p/. citri str. %06	NC_00%919	#roteobacteria + ammaproteobacteria
Danthomonas campestris p/. campestris str. &00*	NC_00" 0&6	#roteobacteria + ammaproteobacteria
Danthomonas or\$>ae p/. or\$>ae -ACC10%%1	NC_006&%*	#roteobacteria + ammaproteobacteria
Danthomonas or\$>ae p/. or\$>ae MA. . %1101&	NC_00" " 0	#roteobacteria + ammaproteobacteria
D\$lella ,astidiosa )emecula1	NC_00* 6	#roteobacteria + ammaproteobacteria
D\$lella ,astidiosa 9a c	NC_00! * &&	#roteobacteria + ammaproteobacteria
6e(ionella pneumophila str. 6ens	NC_006%69	#roteobacteria + ammaproteobacteria
6e(ionella pneumophila subsp. pneumophila str. #hiladelphia 1	NC_00! 9*!	#roteobacteria + ammaproteobacteria
Alcani/ora5 borAumensis S-!	NC_00&! 60	#roteobacteria + ammaproteobacteria
Saccharopha(us de(radans ! 3*0	NC_00" 91!	#roteobacteria + ammaproteobacteria
Marinobacter a4uaeolei 1)&	NC_00&"%& NC_00&"%9 NC_00&" *0	#roteobacteria + ammaproteobacteria
#seudomonas aeru(inosa #A81	NC_00! 16	#roteobacteria + ammaproteobacteria
#seudomonas ,luorescens #,3	NC_00*1! 9	#roteobacteria + ammaproteobacteria
#seudomonas s\$rin(ae p/. phaseolicola 1**&A	NC_00 " "% NC_00 " " * NC_00 " "	#roteobacteria + ammaproteobacteria
#seudomonas entomophila 6*&	NC_00&0! "	#roteobacteria + ammaproteobacteria
#seudomonas putida -)! **0	NC_00! 9**	#roteobacteria + ammaproteobacteria
Hahella che?uensis -C)C ! %96	NC_00" 6*	#roteobacteria + ammaproteobacteria
Chromohalobacter sale5i(ens DSM %0*%&	NC_00" 96%	#roteobacteria + ammaproteobacteria
Co5iella burnetii RSA *9%	NC_00! 9" 1 NC_00**" 0*	#roteobacteria + ammaproteobacteria
Halorhodospira halophila S61	NC_00&" &9	#roteobacteria + ammaproteobacteria
AlAalilimnicola ehrlichei M6H<31	NC_00&%*0	#roteobacteria + ammaproteobacteria
Meth\$lococcus capsulatus str. ' ath	NC_00! 9" "	#roteobacteria + ammaproteobacteria
Nitrosococcus oceani A)CC 19" 0"	NC_00" * &% NC_00" * &*	#roteobacteria + ammaproteobacteria
Candidatus #ela(ibacter ubi4ue H)CC106!	NC_00"! 0	#roteobacteria + ammaproteobacteria
NeoricAettsia sennetsu str. Mi\$a\$ama	NC_00" " 9&	#roteobacteria Alphaproteobacteria
Oolbachia endos\$bmbiont o, Drosophila melano(aster	NC_00! 9" &	#roteobacteria Alphaproteobacteria
<hrlichia canis str. @aAe	NC_00" % *	#roteobacteria Alphaproteobacteria
<hrlichia cha,,eensis str. ArAansas	NC_00" " 99	#roteobacteria Alphaproteobacteria
Anaplasma mar(inale str. St. Maries	NC_00* & *!	#roteobacteria Alphaproteobacteria
Anaplasma pha(oc\$tophilum HE	NC_00" " 9"	#roteobacteria Alphaproteobacteria
Ma(netococcus sp. MC31	NC_00& " 6	#roteobacteria Alphaproteobacteria

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RicAettsia ,elis 7RRODCa!	NC_00" 109	#roteobacteria Alphaproteobacteria
RicAettsia conorii str. Malish "	NC_00%10%	#roteobacteria Alphaproteobacteria
RicAettsia bellii RM6%693C	NC_00" 9*0	#roteobacteria Alphaproteobacteria
RicAettsia t\$phi str. Oilmin(ton	NC_0061*!	#roteobacteria Alphaproteobacteria
+ranulibacter bethesdensis C+DN2H1	NC_00&%**%	#roteobacteria Alphaproteobacteria
+luconobacter o5\$dans 6! 1H	NC_0066" ! NC_0066"% NC_0066" "	#roteobacteria Alphaproteobacteria
E\$momonas mobilis subsp. mobilis EM*	NC_006 ! 6	#roteobacteria Alphaproteobacteria
No/osphin(obium aromatici/orans DSM 1! ***	NC_00" " 9*	#roteobacteria Alphaproteobacteria
<r\$throbacter litoralis H)CC! 9*	NC_00" " ! !	#roteobacteria Alphaproteobacteria
Sphin(op\$5is alasAensis R' ! ! 6	NC_00&0*&	#roteobacteria Alphaproteobacteria
Rhodospirillum rubrum A)CC 111" 0	NC_00" 6*%	#roteobacteria Alphaproteobacteria
Ma(netospirillum ma(neticum AM' 31	NC_00" 6! 6	#roteobacteria Alphaproteobacteria
Caulobacter crescentus C' 1	NC_00! 696	#roteobacteria Alphaproteobacteria
Rhodobacter sphaeroides ! .* .1	NC_00" * && NC_00" * 9% NC_00" * 9* NC_00900"	#roteobacteria Alphaproteobacteria
#aracoccus denitri,icans #D1! ! !	NC_00&6&6 NC_00&6&" NC_00&6&&	#roteobacteria Alphaproteobacteria
@annaschia sp. CCS1	NC_00" &01 NC_00" &0!	#roteobacteria Alphaproteobacteria
Roseobacter denitri,icans 8Ch 11*	NC_00&! 09	#roteobacteria Alphaproteobacteria
Silicibacter pomero\$i DSS3%	NC_00%911 NC_006 69	#roteobacteria Alphaproteobacteria
Silicibacter sp. )M10*0	NC_00&0*! NC_00&0*% NC_00&0**	#roteobacteria Alphaproteobacteria
' rad\$rhi>obium ?aponicum 7SDA 110	NC_00**6%	#roteobacteria Alphaproteobacteria
Nitrobacter hambur(ensis D1*	NC_00" 9 9 NC_00" 960 NC_00" 96*	#roteobacteria Alphaproteobacteria
Nitrobacter 9ino(radsA\$i Nb3!	NC_00" *06	#roteobacteria Alphaproteobacteria
Rhodopseudomonas palustris ' isA %	NC_00&*%	#roteobacteria Alphaproteobacteria
' artonella bacilli,ormis -C &%	NC_00&" &%	#roteobacteria Alphaproteobacteria
' artonella henselae str. Houston31	NC_00 9 6	#roteobacteria Alphaproteobacteria
' artonella 4uintana str. )oulouse	NC_00 9	#roteobacteria Alphaproteobacteria
A(robacterium tume,aciens str. C &	NC_00%06! NC_00%06% NC_00%06* NC_00%06	#roteobacteria Alphaproteobacteria
Mesorhi>obium loti MA. . %0%099	NC_00! 6" & NC_00! 6" 9 NC_00! 6&!	#roteobacteria Alphaproteobacteria
' rucella suis 1%%0	NC_00*%10 NC_00*%11	#roteobacteria Alphaproteobacteria
' rucella melitensis 16M	NC_00%%1" NC_00%%1&	#roteobacteria Alphaproteobacteria
' rucella abortus bio/ar 1 str. 939*1	NC_0069%! NC_0069%%	#roteobacteria Alphaproteobacteria
Sinorhi>obium meliloti 10! 1	NC_00%0%" NC_00%0*" NC_00%0" &	#roteobacteria Alphaproteobacteria

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Rhizobium etli C. N. *	NC_00161 NC_00166 NC_00166 NC_00166	#rteobacteria Alphaproteobacteria
Rhizobium leguminosarum biovar. lotum	NC_00169 NC_00169 NC_00169 NC_00169	#rteobacteria Alphaproteobacteria
Hydrophomonas neptunium A)CC 1 ***	NC_00169	#rteobacteria Alphaproteobacteria
Maricaulis maris MCS10	NC_00169	#rteobacteria Alphaproteobacteria
Hydrophobus delphicus HD100	NC_00169	#rteobacteria Deltaproteobacteria
Hydrophobus intracellularis #H<=MN1300	NC_00169 NC_00169 NC_00169	#rteobacteria Deltaproteobacteria
Desulfobacterium autotrophicum str. 19	NC_00169	#rteobacteria Deltaproteobacteria
Desulfobacterium autotrophicum str. D#*	NC_00169	#rteobacteria Deltaproteobacteria
Anaerobaculum dehalogenans ! C#3C	NC_00169	#rteobacteria Deltaproteobacteria
Methanohalobium evansii D- 16!	NC_00169	#rteobacteria Deltaproteobacteria
Desulfotalea psychrophila 6S/ *	NC_00169	#rteobacteria Deltaproteobacteria
Syntrophus aciditrophicus S'	NC_00169	#rteobacteria Deltaproteobacteria
Syntrophobacterium umaroidans M#8'	NC_00169	#rteobacteria Deltaproteobacteria
Halobacter carbinolicus DSM 160	NC_00169	#rteobacteria Deltaproteobacteria
Halobacter sulfolobus #CA	NC_00169	#rteobacteria Deltaproteobacteria
Halobacter propionicus DSM 160	NC_00169 NC_00169	#rteobacteria Deltaproteobacteria
Halobacter metallireducens +S31	NC_00169 NC_00169	#rteobacteria Deltaproteobacteria
Dehalococcoides ethenogenes 19	NC_00169	Dehalococcoides
Acidobacterium bacterium <llin%*	NC_00169	Acidobacteria Acidobacteria
Solibacter usitatus <llin60" 6	NC_00169	Acidobacteria Acidobacteria
Actinobacterium ionidum NCC! " 0	NC_00169	Actinobacteria Actinobacteria
Actinobacterium adolescentis A)CC 1 " 0	NC_00169	Actinobacteria Actinobacteria
Thermoplasma hipplei str. )9ist	NC_00169	Actinobacteria Actinobacteria
Thermoplasma volcanium subsp. volcanium str. C)C' 0"	NC_00169	Actinobacteria Actinobacteria
Arthrobacter aurescens )C1	NC_00169 NC_00169	Actinobacteria Actinobacteria
Streptomyces coelicolor A#1 C	NC_00169 NC_00169	Actinobacteria Actinobacteria
Streptomyces avermitilis MA3*6&0	NC_00169	Actinobacteria Actinobacteria
Thermoplasma volcanium, usca : D	NC_00169	Actinobacteria Actinobacteria
Acidothermus cellulolyticus 11'	NC_00169	Actinobacteria Actinobacteria
Thermoplasma alni ACN1*a	NC_00169	Actinobacteria Actinobacteria
Cornebacterium eisenbergii : S3%1 *	NC_00169	Actinobacteria Actinobacteria

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Cornebacterium (lutamicum A)CC 1%0%	NC_00%* 0 NC_0069 &	Actinobacteria Actinobacteria
Cornebacterium ?eiAeium - * 11	NC_00" 16*	Actinobacteria Actinobacteria
Cornebacterium diphtheriae NC)C 1%1! 9	NC_00! 9%	Actinobacteria Actinobacteria
Mscobacterium a/iium 10*	NC_00& 9	Actinobacteria Actinobacteria
Mscobacterium bo/is A. ! 1! !=9"	NC_00! 9*	Actinobacteria Actinobacteria
Mscobacterium tuberculosis CDC1 1	NC_00! "	Actinobacteria Actinobacteria
Mscobacterium leprae )N	NC_00! 6" "	Actinobacteria Actinobacteria
Mscobacterium ulcerans A(\$99	NC_00&611	Actinobacteria Actinobacteria
Mscobacterium /anbaalenii #: R31	NC_00&"! 6	Actinobacteria Actinobacteria
Mscobacterium sme(matis str. MC! 1	NC_00& 96	Actinobacteria Actinobacteria
Nocardia ,arcinica 2. M 101 !	NC_006%61 NC_006%6%	Actinobacteria Actinobacteria
Rhodococcus sp. RHA1	NC_00&! 6& NC_00&! " 1	Actinobacteria Actinobacteria
#ropionibacterium acnes -#A1" 1! 0!	NC_0060&	Actinobacteria Actinobacteria
Nocardioides sp. @S61*	NC_00&699	Actinobacteria Actinobacteria
Rubrobacter 5\$lanophilus DSM 99* 1	NC_00&1*&	Actinobacteria Actinobacteria
S\$nechoc\$stis sp. #CC 6&0%	NC_000911 NC_00 !%0 NC_00 !%1 NC_00 !%!	C\$anobacteria C\$anobacteria
)richodesmium er\$thraeum 2MS101	NC_00&%1!	C\$anobacteria C\$anobacteria
Nostoc sp. #CC " 1! 0	NC_00%! 6" NC_00%! " ! NC_00%! "% NC_00%! " 6	C\$anobacteria C\$anobacteria
Anabaena /ariabilis A)CC ! 9* 1%	NC_00" * 10 NC_00" * 1! NC_00" * 1%	C\$anobacteria C\$anobacteria
S\$nechococcus elon(atus #CC 6%01	NC_006 " 6	C\$anobacteria C\$anobacteria
#rochlorococcus marinus str. AS9601	NC_00&&16	C\$anobacteria C\$anobacteria
)hermos\$nechococcus elon(atus ' #31	NC_00* 11%	C\$anobacteria C\$anobacteria
+loeobacter /iolaceus #CC " *! 1	NC_00 1!	C\$anobacteria C\$anobacteria
S\$mbiobacterium thermophilum 2AM 1*&6%	NC_0061" "	. irmicutes Clostridia
Carbo5\$dothermus h\$dromo(eno,ormans E3! 901	NC_00" 0%	. irmicutes Clostridia
Moorella thermoacetica A)CC %90" %	NC_00" 6**	. irmicutes Clostridia
)hermoanaerobacter ten(con(ensis M' *	NC_00&&69	. irmicutes Clostridia
S\$ntrophomonas 9ol,ei subsp. 9ol,ei str. +oettin(en	NC_00&%*6	. irmicutes Clostridia
Desul,itolobacterium ha,niense : 1	NC_00" 90"	. irmicutes Clostridia
Clostridium thermocellum A)CC ! " *0	NC_00901!	. irmicutes Clostridia
Clostridium per,rin(ens SM101	NC_00&! 6! NC_00&! 6*	. irmicutes Clostridia
Clostridium per,rin(ens A)CC 1%1! *	NC_00&! 61	. irmicutes Clostridia

Species	Genbank ID	Classification
Clostridium acetobutylicum ATCC 25260	NC_001982 NC_000000	Firmicutes Clostridia
Clostridium tetani ATCC 3706	NC_001983 NC_000006	Firmicutes Clostridia
Clostridium novyi ATCC 25261	NC_001984 NC_000009	Firmicutes Clostridia
Lactococcus lactis subsp. cremoris M116	NC_009000	Firmicutes Lactobacillia
Streptococcus mutans 7A19	NC_009001	Firmicutes Lactobacillia
Streptococcus sanguinis S-6	NC_009009	Firmicutes Lactobacillia
Streptococcus pneumoniae SS231	NC_009006	Firmicutes Lactobacillia
Streptococcus pneumoniae M1 + AS	NC_009001	Firmicutes Lactobacillia
Streptococcus alactiae ATCC 1116	NC_009016	Firmicutes Lactobacillia
Streptococcus thermophilus CNRE1066	NC_009009	Firmicutes Lactobacillia
Streptococcus pneumoniae D9	NC_009006	Firmicutes Lactobacillia
Geobacillus Austophilus HA16	NC_009010	Firmicutes Lactobacillia
Enterococcus faecalis 122	NC_009066 NC_009069 NC_009060 NC_009061	Firmicutes Lactobacillia
Listeria seelshimeri serovar 6b str. S6CC 122	NC_009066	Firmicutes Lactobacillia
Listeria innocua Clip1116	NC_009061 NC_009066	Firmicutes Lactobacillia
Listeria monocytogenes ATCC 4961	NC_009061	Firmicutes Lactobacillia
Listeria monocytogenes str. 9301	NC_009061	Firmicutes Lactobacillia
Staphylococcus haemolyticus ATCC 29619	NC_009061	Firmicutes Lactobacillia
Staphylococcus saprophyticus subsp. saprophyticus ATCC 12220	NC_009061	Firmicutes Lactobacillia
Staphylococcus aureus subsp. aureus N31	NC_009061	Firmicutes Lactobacillia
Staphylococcus epidermidis ATCC 12228	NC_009061 NC_009060 NC_009060	Firmicutes Lactobacillia
Acetivibrio clausii -SM3-16	NC_009061	Firmicutes Lactobacillia
Oceanobacillus ihesensis H122	NC_009061	Firmicutes Lactobacillia
Acetivibrio thuringiensis serovar AonAuan str. 9301	NC_009061 NC_009061	Firmicutes Lactobacillia
Acetivibrio anthracis str. Ames	NC_009061	Firmicutes Lactobacillia
Acetivibrio anthracis str. Ames Ancestor	NC_009061 NC_009061 NC_009060	Firmicutes Lactobacillia
Acetivibrio cereus ATCC 10962	NC_009061 NC_009060	Firmicutes Lactobacillia
Acetivibrio cereus ATCC 11999	NC_009061	Firmicutes Lactobacillia
Acetivibrio anthracis str. Sterne	NC_009061	Firmicutes Lactobacillia
Acetivibrio halodurans C31	NC_009061	Firmicutes Lactobacillia
Acetivibrio licheniformis ATCC 11998	NC_009061 NC_009061	Firmicutes Lactobacillia
Acetivibrio subtilis subsp. subtilis str. 168	NC_009061	Firmicutes Lactobacillia

Species	Genbank ID	Classification
<i>Bacillus delbrueckii</i> subsp. <i>bulgaricus</i> ATCC 11811	NC_009401	Firmicutes / Bacilli
<i>Bacillus delbrueckii</i> subsp. <i>bulgaricus</i> ATCC 25462	NC_009402	Firmicutes / Bacilli
<i>Bacillus acidophilus</i> NCIM 507	NC_009403	Firmicutes / Bacilli
<i>Bacillus (thermophilus) ATCC 25461</i>	NC_009404	Firmicutes / Bacilli
<i>Bacillus thuringiensis</i> NCTC 10801	NC_009405	Firmicutes / Bacilli
<i>Bacillus salinarum</i> subsp. <i>salinarum</i> DSM 9790	NC_009406	Firmicutes / Bacilli
<i>Bacillus casei</i> ATCC 25460	NC_009407	Firmicutes / Bacilli
<i>Bacillus subtilis</i> subsp. <i>subtilis</i> ATCC 6051	NC_009408	Firmicutes / Bacilli
<i>Bacillus plantarum</i> DSM 9843	NC_009409	Firmicutes / Bacilli
<i>Enterococcus pentosaceus</i> ATCC 29524	NC_009410	Firmicutes / Bacilli
<i>Bacillus brevis</i> ATCC 25463	NC_009411	Firmicutes / Bacilli
<i>Enterococcus faecium</i> #S731	NC_009412	Firmicutes / Bacilli
<i>Leuconostoc mesenteroides</i> subsp. <i>mesenteroides</i> ATCC 25464	NC_009413	Firmicutes / Bacilli