

Table 2. Sequence affiliation in GenBank for the library of 16S rDNA clones

Phylogenetic groups	Clone	Closest relative in GenBank	Habitat	Identity
α Proteobacteria	CC41P	Rhodobacteraceae SRF3, AJ002565	Marine	97
	CC42P	Rhodobacteraceae bacterium JC2049, AY442178	Not reported	98
	CC37P	<i>Roseobacter</i> sp. DG942, AY258088 ⁶	Marine	97
	CC43P	Bacterium DG897, AY258085 ⁶	Marine	99
	Rosario24.28	Uncultured alpha proteobacterium, AJ567562	Marine	90
	Hundido26.12	Uncultured bacterium, AY212600 ⁷	Freshwater	97
β Proteobacteria	CC16.24	Beta proteobacterium F1021, AF236005	Not reported	98
	Hundido26.13	Comamonadaceae bacterium MWH55, AJ556799	Freshwater	99
	Hundido1tn6	Unidentified bacterium, AF422679 ⁸	Lake Waiau sediment	95
	Hundido2st6	<i>Azospira oryzae</i> str. 6 ^a 3, AF011347 ⁹	Roots	99
	Hundido1tn4	<i>Aquabacterium parvum</i> , AF035052 ¹⁰	Freshwater	99
	Calaveras27.3	Uncultured Limnobacter sp, AF522999	Freshwater	100
	Calaveras28.21	Bacterium str. 82348, AF227863 ¹¹	Not reported	96
	γ Proteobacteria	CC30P	Endosymbiont of unidentified scaly snail, AY310506	Marine
CC38P		Uncultured bacterium, AF328198 ¹²	Mobile mud	96
CC45P		Uncultured bacterium, AY171368	Marine	97
CC44P		<i>Pseudoalteromonas bacteriolytica</i> , D89929 ¹³	Marine	93
CC32P		<i>Vibrio fortis</i> , AJ514914	Marine	99
Rosario24.17		Uncultured gamma proteobacterium, AY499915	Marine	95
Hundido26.20		Uncultured bacterium, AY328792 ¹⁴	Freshwater	99
Hundido26.11		Uncultured Soil bacterium, AY493941	Soil	99
Hundido26.7		Uncultured bacterium, AY212677 ¹⁴	Freshwater	98
Calaveras29.29		<i>Teredinibacter turnerae</i> , AY028398 ¹⁵	Marine	95

Phylogenetic groups	Clone	Closest relative in GenBank	Habitat	Identity
	Calaveras29.17	Uncultured gamma proteobacterium, AY095889	Marine	99
	Calaveras29.1	Unidentified bacterium, AY345489	Lake Waiau sediment	99
<i>Chloroflexi</i>	Rosario24.49	Uncultured bacterium, AF524023 ¹⁶	Forested wetland	91
<i>Nitrospira</i>	Rosario24.38	Uncultured soil bacterium, AY493920	Soil	95
<i>Bacteroidetes</i>	CC16.31	<i>Bacteroidetes bacterium</i> DG890, AY258122 ⁶	Marine	90
	CC31P	Uncultured bacteroidetes bacterium, AJ567581	Marine	93
	CC36P	<i>Brumimicrobium glaciale</i> , AF521195 ¹⁷	Marine	91
	CC26P	Uncultured bacteroidetes bacterium, AB116508	Marine	95
	CC50P	Uncultured eubacterium KEppib22, AF188173 ¹⁸	Marine	89
	CC27P	Bacterium K2-15, AY345434	Lake Kauhako, water	94
<i>Firmicutes</i>	CC16.23	<i>Clostridium josui</i> , AB011057 ¹⁹	Compost	91
<i>Planctomycetes</i>	CC16.22	Uncultured bacterium, AJ519649	Uranium mill tailings, soil sample	90
<i>Verrucomicrobia</i>	CC29P	Uncultured Verrucomicrobia bacterium, AY114325 ²⁰	Marine	98
<i>Deinococcus</i>	Calaveras28.5	<i>Deinococcus</i> sp. str. MBIC3950, AB022911	Not reported	98
<i>Archaea</i>	Rosario24.44	Uncultured archaeon SAGMA-A, AB050205 ²¹	Gold mine	98