	Accession#	Medium	Method of isolation chamber run PP	1	2	3	Closest cultured relative	Accession #	Similarity,%	Basepairs anayzed	16S rRNA gene sequence similarities with sequences from other studies (Ref) (4)		(8)		(7)		(3)		(1)		(2)		(6)		(5)	(9)
Alpha Proteobacteria																										
Rhizobiales																										
212	HM163253	A/CY		1		5	Blastobacter denitrificans	S46917	100	866											DQ316805	98.7				
224	HM163259	CY				1	Bradyrhizobium sp Tv2a-2	AF216780	99.5	854																
90	HM163286	CY		3			Bradyrhizobium liaoningense	AJ250813	100	864																
110	HM163219	A/CY		1		1	Bradyrhizobium japonicum	AF239844	99.5	654																
182	HM163242	CY				1	Bradyrhizobium sp LMTR28	AF485365	99.6	934																
160	HM163231	A/CY		4	1	1	Rhodopseudomonas palustris	AB033756	99.9	820							DQ125740	99.5								
44	HM163268	CYE		1			Afipia clevelandensis	M69186	97.8	742																
46	HM163269	A/CY		4		1	Afipia clevelandensis	M69186	97.4	808																
48	HM163271	CY		1			Afipia felis	M65248	99.7	752																
47	HM163270	CY		1			Afipia genosp 2	U87765	98.7	818																
74	HM163281	A/CY		1		1	Bradyrhizobium elkanii	AF293380	99.4	1391							DQ125657	97.8			DQ316865	99.6				
180	HM163241	CY				1	Afipia genosp 12	U87783	99.2	751																
203	HM163248	A		1		1	Methylobacterium sp MBIC 4305	AB024616	99.8	922																
71	HM163280	A/CY/CYE	1	2		1	Methylobacterium radiotelerans	D32227	99.6	1385			AY622227	99.6	AY527754	99.5										
145	HM163226	CY		1			Bosea thiooxidans	X81044	98.8	336																
57	HM163276	A/CY/CYE		7	1		Bosea thiooxidans	X81044	99.6	828																
56	HM163275	CY			1		Rhizobium alamii	AM931436	99.7	790																
13	HM163224	CYE	1				Sinorhizobium sp BK10	AJ012211	100	730																
16	HM163230	CY			1		Ensifer adhaerens	AF191739	99.9	708																
15	HM163228	CYE	1				Phyllobacterium sp T1018	EU928863	100	751																
51	HM163272	CYE		1			Rhizobium sp H4	AF279889	97.3	300																
132	HM163225	CY		1			Devosia riboflavina	D49423	99.7	676																
Caulobacterales																										
129	HM163223	A/CY		1		2	Brevundimonas alba	AJ227785	99.7	750																
37	HM163266	A/CY/CYE		11			Caulobacter sp FWC41	AJ227775	99.9	1042	AY662024	98.8														
162	HM163232	A				1	Caulobacter sp FWC38	M83805	99.1	759																
194	HM163246	CY				1	Phenylobacterium sp G26	AY035307	98.6	766																
Sphingomonadales																										
215	HM163255	A				1	Sphingomonas sp	AJ620200	97.3	923																
207	HM163250	A				3	Sphingomonas sp	AJ620200	97.7	980																
154	HM163229	A				1	Sphingosinicella soli	DQ087403	100	517																
114	HM163221	A/CY		1		4	Sphingomonas echinoides	AB021370	99.8	1383																
84	HM163284	CY/CYE		2			Phaeospirillum fulvum	AF508113	92.7	1419																
Rickettsiales																										
205	HM163249	A				1	Bacterium Ellin 5130	AY234547	99.1	1421	AY662022	98.1														
Beta Proteobacteria																										
Burkholderiales																										
214	HM163254	A/CY/CYE		6		18	Ralstonia picketti	AB004790	100	1441	AY662035	97.1			AY527778	99.7					DQ404678	98.2	DQ316853	100	EF507910	97.8		
58	HM163277	CY		2	1		Cupriavidus necator	AF191737	99.9	1434					AY527742	97.4										
192	HM163245	A/CY				2	Duganella nigrescens	EF584756	100	722																
189	HM163244	CY				1	Beta Proteobacterium B7	AF035053	98.9	1430											DQ404909	99.3				
148	HM163227	A				3	Pelomonas puraque	AM501439	99.4	835																
210	HM163251	A/CY				9	Pelomonas aquatica	AM501435	100	850																
18	HM163240	CY			1	2	Mitsuaria chitosanitabida	EU730923	99.4	830																
202	HM163247	CY				1	Imtechium assamiensis	AY544767	99.2	762	AY662015	98.4	AY622246	98.6	AY527774	99.2							DQ316830	99.3		
175	HM163239	CY				1	MTBE degrading bacterium	AF176594	95.5	705											DQ404894	98.6				
94	HM163288	CY/CYE		5			Methylophilales bacterium TP581	EF636166	100	788																
216	HM163256	CY				1	Methylovorus mays	AY486132	100	918																
Gamma Proteobacteria																										
27	HM163262	A	1				Pseudomonas chloroaphis	D86004	100	740	AY661940	100	AY622270	100												

164	HM163233	A/CY	1		2	Pseudoxanthomonas japonensis	AB008507	99.3	744			AY622259	99.6											
187	HM163243	CY			1	Lysobacter koreensis	AB166878	97.7	703															
92	HM163287	A/CY/CYE	16			Rhodanobacter thiooxydans	AB286179	99.2	1458							DQ125555	100			DQ136846	99.1	EF507918	97.6	BFXI433	99.2	EF175342	99.1
87	HM163285	A/CY	2			Rhodanobacter thiooxydans	AB286179	98.4	1351							DQ125572	99.8			DQ136846	98.7	EF507918	99.1	BFXI433	98.5	EF175342	98.1
113	HM163220	CY	1			Rhodanobacter lindanoclasticus	AF039167	96.3	1476											DQ316842	98.3						
211	HM163252	CY			1	Hydrocarboniphaga effusa	AY363245	96.5	898																		
Bacteriodetes																											
1	HM163218	A	1			Estrogen degrading bacterium KC2	DQ066432	97.7	313																		
53	HM163273	CYE	1			Sediminibacterium sp.	AM990455	97.9	1429									DQ404699	97.8								
43	HM163267	CYE	6			Sediminibacterium sp.	AM990455	98.7	1238									DQ404699	98.9								
219	HM163257	A	1			Mucilaginibacter sp	EU747841	97.5	602																		
Verrucomicrobia																											
59	HM163278	CYE	1			Bacterium Ellin 503	AY960774	91	1460																		
Firmicutes																											
167	HM163235	A			1	Bacilluas boroniphilus	AB021194	99.6	793																		
Actinobacteria																											
221	HM163258	A/CY	6	1	1	Microbacterium laevaniformans	EU879962	99.8	1425	AY661984	97																
7	HM163279	A/CY/CYE	9			Microbacterium arborescens	X77443	99.3	840																		
17	HM163237	CYE	1			Agromyces cerinus	X77448	100	905																		
30	HM163264	CYE	1			Arthrobacter sp SMCC ZAT262	AF197055	98.7	733	AY661985	97.8					DQ125592	100										
23	HM163260	CYE	1			Arthrobacter ramosus	X80742	100	1361	AY661985	97.2	AY622266	97.7			DQ125883	99.8	DQ404723	98.5								
28	HM163263	CYE	1			Arthrobacter sp	EU019984	99	1427	AY661985	97.2	AY622266	98														
26	HM163261	CYE	1			Arthrobacter aurescens	X83405	99.7	1414							DQ125595	100										
12	HM163222	CYE	1			Arthrobacter aurescens	X83405	98.9	808							DQ125595	99										
33	HM163265	CYE	1			Arthrobacter nicotinovorans	X80743	100	837							DQ125595	99.5										
75	HM163282	A/CY	2	1		Arthrobacter crystallopoietes	X80738	98.3	864																		
82	HM163283	A/CY	4			Rhodococcus erythropolis	AJ250924	99.9	788							DQ125884	99.9										
54	HM163274	CY	1			Norcardia asteroides	X84850	100	663																		
165	HM163234	A			2	Nocardioides sp	AF005024	99.8	935																		
171	HM163238	A			1	Nocardioides terrigena	EF363712	99.7	718																		
169	HM163236	A			1	Aeromicrobium erythreum	M37200	100	578																		

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