

Supplementary Table 3. Raspberry Rising Cave bacterial isolates with their closest relative, percent identity, percent Query cover, E value and Gene Accession numbers assigned by the GenBank and DNA Data Bank of Japan.

Sequences no.	Closest Homologue	Identity %	Query cover%	E value	Gene Accession numbers
RRC1	<i>Pseudomonas</i> sp.	99.14	93	0.00	MK965102
RRC2	<i>Pseudomonas</i> sp.	99.43	94	0.00	MK965103
RRC3	<i>Janthinobacterium lividum</i>	100	92	0.00	MK965182
RRC4	<i>Pseudomonas</i> sp.	99.57	94	0.00	MK965104
RRC5	<i>Pseudomonas mandelii</i>	99.28	97	0.00	MK965105
RRC6	<i>Pseudomonas</i> sp.	99.85	92	0.00	MK965106
RRC7	<i>Pseudomonas</i> sp.	99.57	93	0.00	MK965107
RRC8	<i>Pseudomonas avellanae</i>	99.77	92	0.00	MK965108
RRC9	<i>Endophytic bacterium</i>	99.57	95	0.00	MK965109
RRC10	<i>Pseudomonas koreensis</i>	99.57	95	0.00	MK965110
RRC11	<i>Pseudomonas mandelii</i>	99.65	94	0.00	MK965111
RRC12	<i>Pseudomonas frederiksbergensis</i>	99.88	93	0.00	MK965112
RRC13	<i>Pseudomonas koreensis</i>	99.15	97	0.00	MK965113
RRC14	<i>Pseudomonas</i> sp.	99.54	91	0.00	MK965114
RRC15	<i>Pseudomonas</i> sp.	99.54	93	0.00	MK965115
RRC16	<i>Pseudomonas frederiksbergensis</i>	100	92	0.00	MK965116
RRC17	<i>Pseudomonas frederiksbergensis</i>	99.88	93	0.00	MK965117
RRC18	<i>Pseudomonas grimontii</i>	99.14	93	0.00	MK965118
RRC19	<i>Flavobacterium olei</i>	99.76	97	0.00	LC485159
RRC20	<i>Pseudomonas</i> sp.	99.08	94	0.00	MK965119
RRC21	<i>Pseudomonas frederiksbergensis</i>	99.88	95	0.00	MK965120
RRC22	<i>Pseudomonas frederiksbergensis</i>	99.54	91	0.00	MK965121
RRC23	<i>Pseudomonas frederiksbergensis</i>	99.77	94	0.00	MK965122
RRC24	<i>Pseudomonas frederiksbergensis</i>	99.65	92	0.00	MK965123
RRC25	<i>Rhodococcus</i> sp.	99.65	92	0.00	MK965124
RRC26	<i>Pseudomonas</i> sp.	99.29	93	0.00	MK965125
RRC27	<i>Rhodococcus erythropolis</i>	99.57	94	0.00	MK965126
RRC28	<i>Rhodococcus</i> sp.	99.71	93	0.00	MK965127

RRC29	<i>Rhodococcus</i> sp.	73.75	21	5e-13	NO Gene Accession nos. assigned
RRC30	<i>Pseudomonas migulae</i>	99.57	95	0.00	MK965183
RRC31	<i>Rhodococcus qingshengii</i>	99.88	100	0.00	LC485160
RRC32	<i>Pseudomonas vancouverensis</i>	99.65	93	0.00	MK965184
RRC33	<i>Pseudomonas migulae</i>	99.86	94	0.00	MK965128
RRC34	<i>Pseudomonas mandelii</i>	99.28	94	0.00	MK965129
RRC35	<i>Rhodococcus</i> sp.	99.71	92	0.00	MK965130
RRC36	<i>Flavobacterium</i> sp.	99.70	93	0.00	MK965131
RRC37	<i>Pseudomonas thivervalensis</i>	99.27	93	0.00	MK965132
RRC38	<i>Rhodococcus</i> sp.	100	94	0.00	MK965133
RRC39	<i>Rhodococcus erythropolis</i>	99.57	91	0.00	MK965134
RRC40	<i>Pseudomonas migulae</i>	99.57	95	0.00	MK965185
RRC41	<i>Pseudomonas migulae</i>	99.43	92	0.00	MK965186
RRC42	<i>Pseudomonas thivervalensis</i>	99.63	98	0.00	MK965135
RRC43	<i>Rhodococcus</i> sp.	99.71	93	0.00	MK965136
RRC44	<i>Pseudomonas</i> sp.	99.71	94	0.00	MK965137
RRC45	<i>Pseudomonas</i> sp.	99.65	94	0.00	MK965138
RRC46	<i>Pseudomonas mandelii</i>	99.88	92	0.00	MK965139
RRC47	<i>Pseudomonas</i> sp.	99.57	95	0.00	MK965187
RRC48	<i>Pseudomonas</i> sp.	84.58	68	0.001	NO Gene Accession nos. assigned
RRC49	<i>Rhodococcus</i> sp.	99.71	91	0.00	MK965140
RRC50	<i>Rhodococcus qingshengii</i>	100	95	0.00	MK965141
RRC51	<i>Pseudomonas</i> sp.	80.86	94	1e-172	NO Gene Accession nos. assigned
RRC52	<i>Pseudomonas fluorescens</i>	99.15	94	0.00	MK965142
RRC53	<i>Pseudomonas</i> sp.	99.98	93	0.00	MK965143
RRC54	<i>Janthinobacterium</i> sp.	99.66	95	0.00	MK965188
RRC55	<i>Pseudomonas frederiksbergensis</i>	99.77	90	0.00	MK965144
RRC56	<i>Flavobacterium</i> sp.	74.77	66	76-108	NO Gene Accession nos. assigned

RRC57	<i>Janthinobacterium lividum</i>	99.71	94	0.00	MK965145
RRC58	<i>Pseudomonas</i> sp.	99.85	94	0.00	MK965146
RRC59	<i>Pseudomonas</i> sp.	98.30	95	0.00	MK965147
RRC60	<i>Arthrobacter</i> sp.	79.52	23	2e-25	NO Gene Accession no. assigned
RRC61	<i>Pseudomonas</i> sp.	99.85	95	0.00	MK965189
RRC62	<i>Rhodococcus</i> sp.	99.76	94	0.00	MK965148
RRC63	<i>Nocardia coeliaca</i>	99.71	86	0.00	LC485161
RRC64	<i>Flavobacterium</i> sp.	100	93	0.00	MK965149
RRC65	<i>Pseudomonas frederiksbergensis</i>	99.74	94	0.00	MK965150
RRC66	<i>Rhodococcus</i> sp.	99.18	95	0.00	MK965151
RRC67	<i>Rhodococcus qingshengii</i>	100	99	0.00	LC485162
RRC68	<i>Pseudomonas</i> sp.	90.92	86	0.00	NO Gene Accession nos. assigned
RRC69	<i>Arthrobacter</i> sp.	99.41	91	0.00	MK965190
RRC70	<i>Pseudomonas frederiksbergensis</i>	99.54	94	0.00	MK965152
RRC71	<i>Nocardia coeliaca</i>	100	99	0.00	LC485163
RRC72	<i>Rhodococcus</i> sp.	99.86	95	0.00	MK965153
RRC73	<i>Rhodococcus</i> sp.	99.53	92	0.00	MK965154
RRC74	<i>Rhodococcus</i> sp.	99.85	92	0.00	MK965155
RRC75	<i>Rhodococcus</i> sp.	99.85	92	0.00	MK965156
RRC76	<i>Pseudomonas</i> sp.	99.65	94	0.00	MK965157
RRC77	<i>Rhodococcus</i> sp.	99.29	93	0.00	MK965158
RRC78	<i>Paeniglutamicibacter</i> sp.	99.29	91	0.00	MK965159
RRC79	<i>Arthrobacter oryzae</i>	99.16	100	0.00	LC485164
RRC80	<i>Rhodococcus</i> sp.	99.71	94	0.00	MK965160
RRC81	<i>Rhodococcus</i> sp.	99.71	95	0.00	MK965161
RRC82	<i>Rhodococcus</i> sp.	99.42	95	0.00	MK965162
RRC83	<i>Rhodococcus</i> sp.	99.41	95	0.00	MK965163
RRC84	<i>Rhodococcus</i> sp.	100	94	0.00	MK965164
RRC85	<i>Rhodococcus</i> sp. strain A23	99.57	93	0.00	MK965165
RRC86	<i>Rhodococcus</i> sp.	99.18	96	0.00	MK965166
RRC87	<i>Rhodococcus erythropolis</i>	99.57	92	0.00	MK965191
RRC88	<i>Rhodococcus</i> sp.	99.57	95	0.00	MK965167
RRC89	<i>Rhodococcus</i> sp.	99.86	94	0.00	MK965168
RRC90	<i>Rhodococcus erythropolis</i>	99.64	92	0.00	MK965169
RRC91	<i>Rhodococcus erythropolis</i>	99.86	95	0.00	MK965170

RRC92	<i>Rhodococcus</i> sp.	99.85	92	0.00	MK965171
RRC93	<i>Pseudomonas frederiksbergensis</i>	100	92	0.00	MK965172
RRC94	<i>Pseudomonas</i> sp..	99.08	93	0.00	MK965173
RRC95	<i>Rhodococcus</i> sp.	99.57	93	0.00	MK965174
RRC96	<i>Rhodococcus boritolerans</i>	92.40	95	0.00	MK965175
RRC97	<i>Rhodococcus erythropolis</i>	99.28	95	0.00	MK965176
RRC98	<i>Rhodococcus</i> sp.	100	94	0.00	MK965177
RRC99	<i>Rhodococcus</i> sp.	99.71	96	0.00	MK965178
RRC100	<i>Pseudomonas</i> sp.	99.79	94	0.00	MK965179
RRC101	<i>Pseudomonas frederiksbergensis</i>	99.88	100	0.00	LC485165
RRC102	<i>Rhodococcus erythropolis</i>	99.71	94	0.00	MK965180
RRC103	<i>Rhodococcus</i> sp.	99.29	92	0.00	MK965181