Tree scale: 1 $\,$ $\,$ $\,$ **OmcL** UBA2197 sp002841765 PHAV01000018.1 29 Desulfuromusa sp002049545 LLYT01000063.1 3 Desulfuromusa kysingii NZ FNQN01000001.1 565 Thrichloromonas acetexigens NZ FOJJ01000012.1 247 Pseudodesulfuromonas thiophila NZ FNAQ01000003.1 90 - Desulfuromonas sp002869685 PKUE01000082.1 7 Desulfuromonas acetoxidans NZ AAEW02000002.1 33 BM103 sp002869725 PKTY01000052.1 3 BM707 sp002869615 PKUH01000103.1 20 BM304 sp002868905 PKUA01000018.1 117 Malonomonas rubra A QKAP01000028.1 41 J078 sp003695205 RFIO01000111.1 4 SZUA-401 sp002869605 PKUI01000012.1 6 BM707 sp002868925 PKTZ01000142.1 11 H2GEO sp003574885 PJFC01000002.1 82 Geobacter sulfurreducens NC 002939.5 2181 SZUA-401 sp003246035 QKBP01000116.1 2 SZUA-401 sp003246035 QKBP01000038.1 6 UBA2294 sp002345625 DDWE01000085.1 7 UBA12091 sp001799485 MGTO01000088.1 15 Desulfobacterium B autotrophicum NC 012108.1 1404 NA091.008 bin6 HotSeep1 GLOGJPLJ 00875 Seep-SRB2 sp. 8 str. Meg22 1618 Bin 149 MBW1939388.1 FWG174 SeepSRB2 PODDLGCL 02130 FWG173 SeepSRB2 PEOGFGPH 01286 Seep-SRB2 sp. 1 str. Meg22 1214 Bin 80 MBW1966007.1 Seep-SRB2 sp. 1 str. Meg22 1416 Bin 176 MBW1946973.1 Seep-SRB2 sp. 1 str. G37 PXF54675.1 ^{"|}UBA3076 sp003194485 PQXD01000008.1 70 UBA5754 sp002419025 DIFG01000029.1 10 Dissulfurirhabdus thermomarina ASM1297923v1 WP 163299050.1 Dissulfurirhabdus thermomarina ASM1049943v1 WP 163299050.1 Thermosulfurimonas dismutans NZ LWLG01000006.1 57 Thermodesulfatator autotrophicus NZ LSFI01000060.1 2 - Thermodesulfatator atlanticus NZ ATXH01000028.1 28 Seep-SRB2 sp. 7 str. ML8 D OPL13457.1

Seep-SRB2 sp. 8 str. Meg22 1012 Bin 335 MBW2081021.1 Seep-SRB2 sp. 8 str. Meg22 810 Bin 10 MBW1719490.1 Seep-SRB2 sp. 8 str. Meg19 1012 Bin 147 MBW2350088.1 Seep-SRB2 sp. 8 str. Meg22 46 Bin 87 MBW1670809.1