

Additional file 2 - Cellular fatty acid patterns of *Salinispira pacifica* strain L21-RPul-D2^T and phylogenetically related type strains of *Spirochaeta*.

Fatty acid	<i>Salinispira pacifica</i> L21-RPul-D2 ^T	<i>S. africana</i> DSM 8902 ^T	<i>S. asiatica</i> DSM 8901 ^T	<i>S. dissipatitropha</i> DSM 23605 ^T
C _{12:0}	0.8	-	-	-
iso-C _{13:0}	2.1	-	-	-
iso-C _{14:0}	1.6	-	-	-
C _{13:1} c12	-	1.3	-	-
C _{14:0}	36.9	13.1	10.5	15.5
C _{14:0} DMA	-	5.9	-	0.9
iso-C _{15:0}	11.7	3.0	-	-
ante-C _{15:0}	4.3	-	-	-
C _{16:0} ALDE	-	2.8	-	4.2
C _{16:1} c9	2.2	8.0	8.9	13.0
C _{16:1} c11	-	-	2.3	4.3
C _{16:0}	21.4	19.9	37.6	21.2
C _{16:1} c9 DMA	-	0.6	-	-
C _{16:0} DMA	-	11.0	1.7	17.7
ante-C _{17:0}	0.6	-	-	-
Summed feature 9*	0.8	-	-	-
C _{16:0} 2OH	1.8	-	-	-
C _{18:1} c9	2.8	0.9	0.9	0.5
C _{18:1} c11	-	30.3	33.7	19.2
C _{18:1} c13	-	-	-	0.5
C _{18:0}	9.7	0.8	3.2	2.0
C _{18:1} c11 DMA	-	0.8	-	-
C _{18:0} DMA	0.8	-	-	-
C _{19:1} c7	0.7	-	-	-

Values are percentages of total fatty acids. Major fatty acids (>5% of total amount) are given in bold. Fatty acids that were detected only in trace amounts (<0.5% of the total amount) are not shown. ALDE, aldehyde; DMA, dimethyl acetal; c, *cis* isomer; iso and ante indicate iso- and anteiso-branched fatty acids, respectively. * Summed features are groups of fatty acids that could not be separated under the conditions used: summed feature 9, iso-C_{16:0} 3OH and/or unknown fatty acid DMA with ECL 17.157.

