

Genomes of “*Spiribacter*”, a streamlined, successful halophilic bacterium

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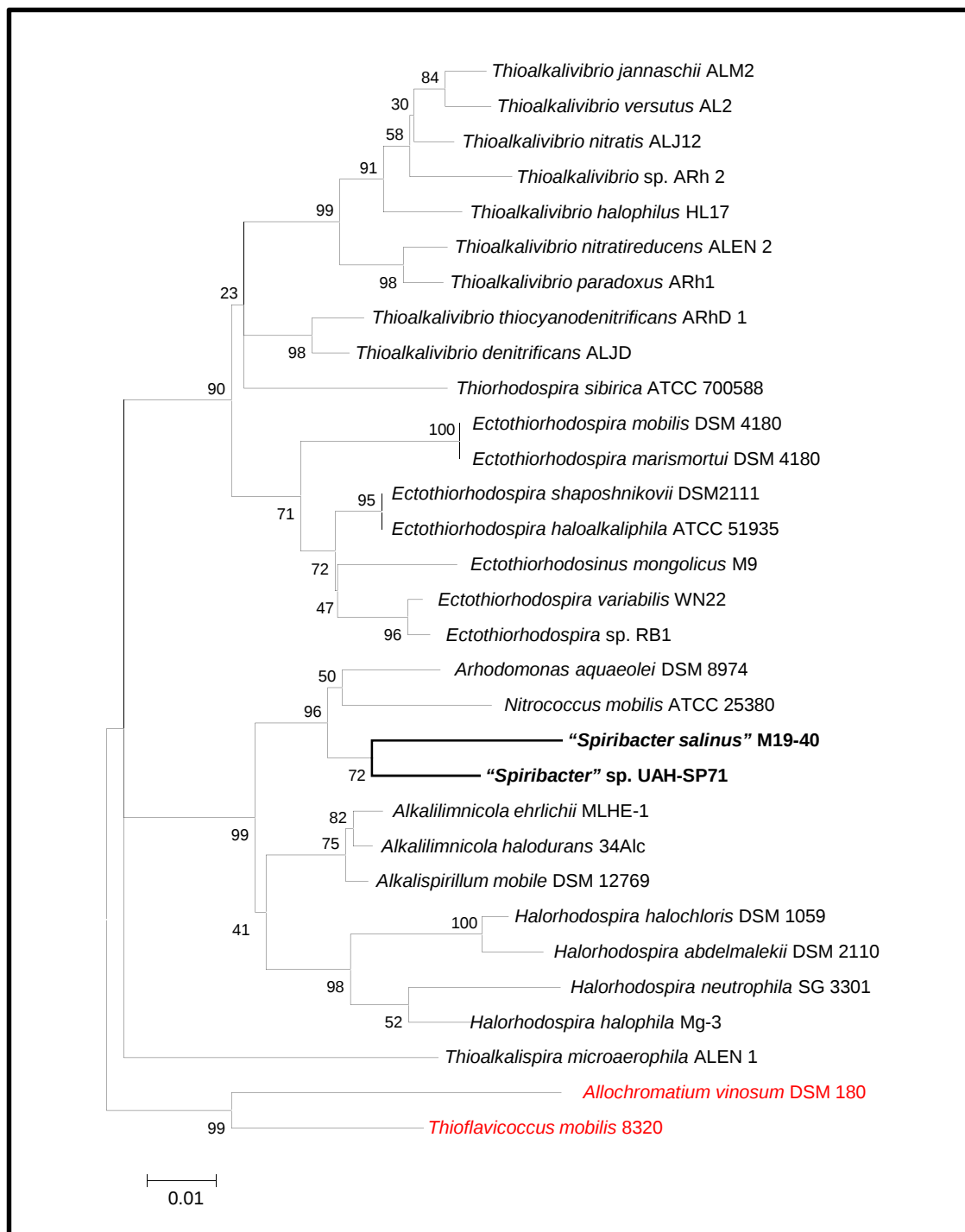
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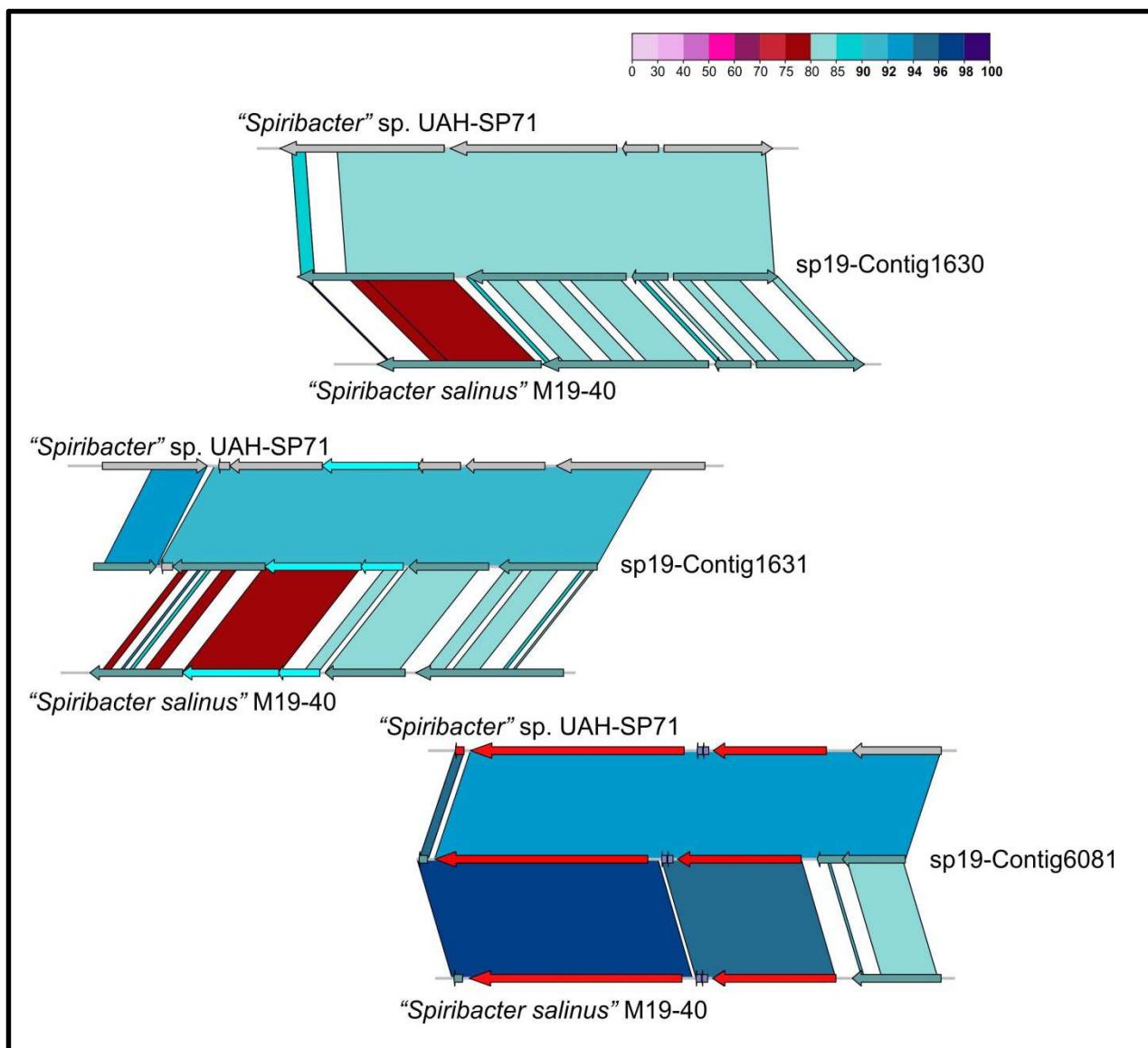
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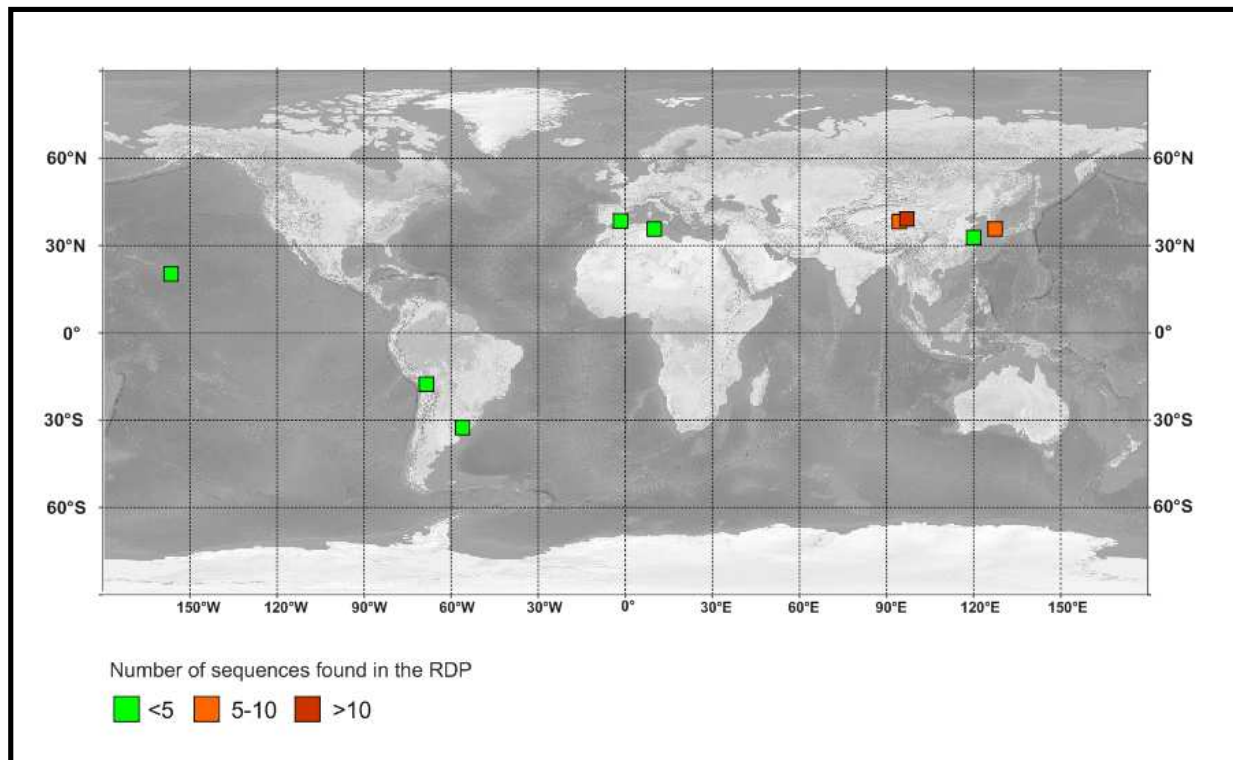
Running Head: “*Spiribacter*”, a streamlined halophile



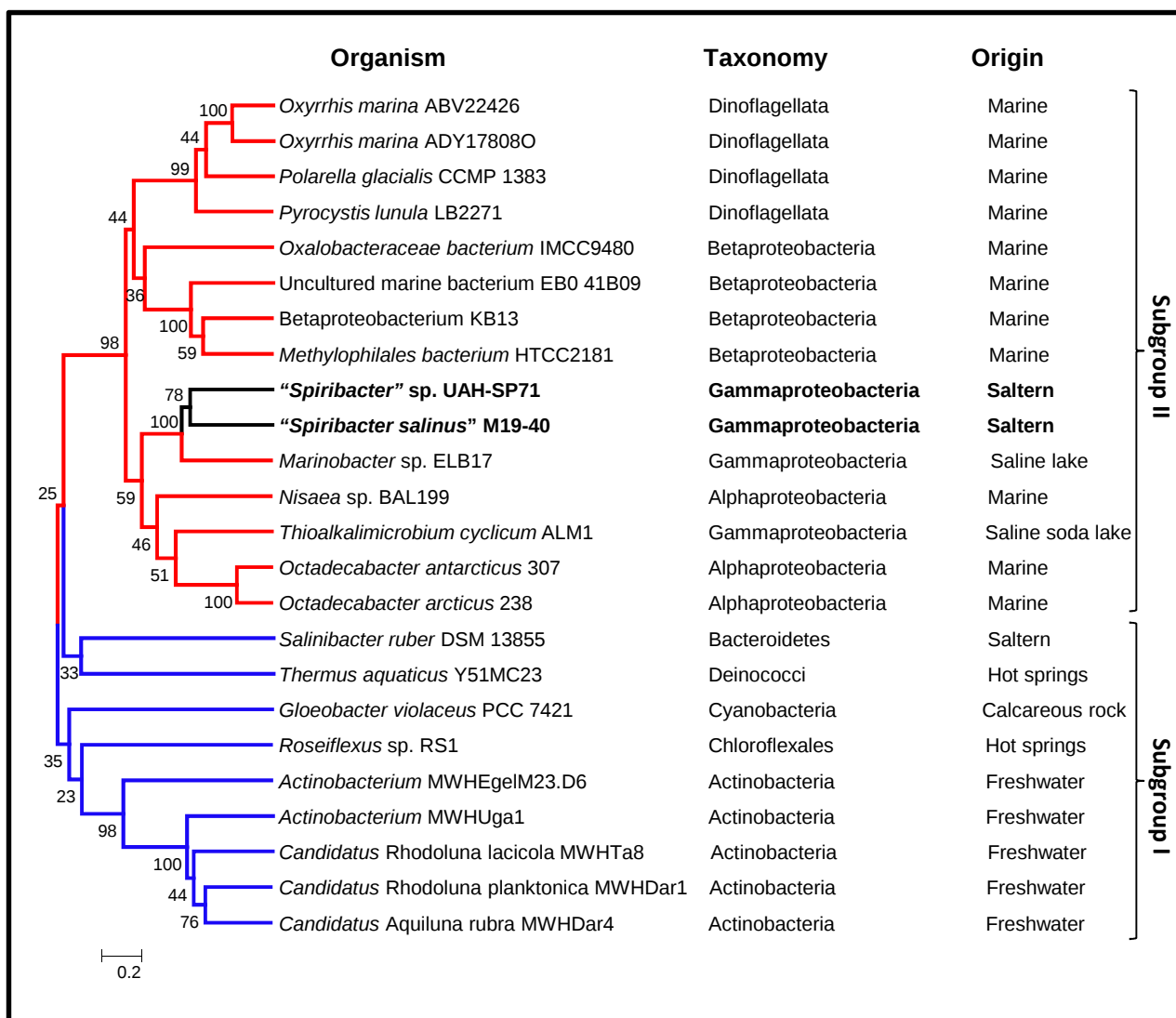
Additional Figure S1: 16S rRNA phylogeny. Maximum likelihood phylogenetic tree based on the comparison of 16S rRNA gene sequences of the *Ectothiorhodospiraceae*. *Allochromatium vinosum* DSM 180 and *Thioflavicoccus mobilis* 8320, belonging to the *Chromatiaceae* were used as outgroup and are shown in red. Bootstrap values are indicated at the nodes.



Additional Figure S2: BLASTN comparisons of metagenomic contigs from 19% Santa Pola to *"Spiribacter"* genomes. The metagenomic contigs are shown in the middle. A color key for the similarity is shown on the top right.



Additional Figure S3: Global distribution of *Spiribacter* 16S rRNA gene sequences. Locations where 16S rRNA gene sequences from the Ribosomal Database Project were found (>97% identical, >300 bp) are indicated by colored boxes. The color code indicates the number of sequences found at each location. The map is a modified version of a freely available map from <http://www.natureearthdata.com>.



Additional Figure S4: Phylogenetic tree of the two xanthorhodopsins found in both "*Spiribacter*" with all the xanthorhodopsins available. Taxonomy and origin of isolation of each strain are also shown.

