

**Table S8.** Divergence in the 16S rRNA gene between *Azospirillum lipoferum* 4B and other members of *Rhodospirillaceae*

<b><i>Azospirillum lipoferum</i> 4B</b>	
<i>Azospirillum</i> sp. B510	2.16 %
<i>Azospirillum brasilense</i> Sp245	2.98 %
<i>Rhodospirillum centenum</i> SW	8.03 %
<i>Nisaea</i> sp. BAL 199	9.18 %
<i>Magnetospirillum magnetotacticum</i> MS-1	9.34 %
<i>Magnetospirillum magneticum</i> AMB-1	9.46 %
<i>Magnetospirillum gryphiswaldense</i> MSR-1	10.12 %
<i>Rhodospirillum rubrum</i> ATCC 11170	10.93 %