

Table S5. Recombination hotspots in *Azospirillum* genomes

Strains ^a	Direct ^b repeats (>80bp)	Palindromic ^c repeats (>80bp)	IS ^d elements (potentially active)	CRISPR ^e
4B	497	412	99 (55)	126
B510	1720	1406	310 (176)	153
Sp245	283	256	ND	12

^a4B, *A. lipoferum* ; B510, *Azospirillum* sp. ; Sp245, *A. brasilense*.

^{bc}Direct and palindromic repeats were calculated using the repfind application of REPUTER with the default parameters [1].

^dIS, Insertion sequences. ND, not determined.

^eCRISPR, Clustered Regularly Interspaced Short Palindromic Repeats.

References:

1. Kurtz S, Choudhuri JV, Ohlebusch E, Schleiermacher C, Stoye J, et al. (2001) REPuter: the manifold applications of repeat analysis on a genomic scale. *Nucleic Acids Res* 29: 4633-4642.