

Supplementary table 1: Difference in gene expression for putative genes encoding for proteins involved in archaeellum formation in oxygen amended incubations versus anoxic control incubations after 24h.

Locus Tag	Gene Abbreviation	Fold Change	p-value
MNVS_02934	FlaI	4.04	6.77E-02
MNVS_01141	FlaD	16.04	1.71E-02
MNVS_00659	Type II secretion system protein F	1.48	7.34E-01
MNVS_00658	Type II secretion system protein E	2.19	3.20E-01
MNVS_00657	Flagellar accessory protein FlaH	2.26	6.24E-01
MNVS_00615	Type IV pilin	2.01	1.56E-01
MNVS_00460	FlaJ	2.26	4.20E-01
MNVS_00459	FlaI	8.04	6.77E-02
MNVS_00352	FlaH	NA	NA
MNVS_00353	Flagellar protein G	NA	NA
MNVS_00354	Flagellar protein F	NA	NA
MNVS_00355	FlaB2_1	1.45	8.25E-01
MNVS_00356	FlaB2_2	5.70	1.38E-01
MNVS_00357	FlgA2 flagellin	-1.70	5.70E-01
MNVS_02423	FlaK	10.41	2.74E-02

