

1 **Supplementary Information**

2 **Table S1: Growth properties and significant differences in distinct culture experiments.**

3 *S. denitrificans* were incubated under different conditions as listed in Figure 1. For selected

4 time points p-values were calculated using the student's t-test.

	+ H ₂ + S ₂ O ₃ ²⁻	+ H ₂ - S ₂ O ₃ ²⁻	+ H ₂ + S ₂ O ₃ ²⁻
	compared with	compared with	compared with
	+ H ₂ - S ₂ O ₃ ²⁻	+ H ₂ + S ₂ O ₃ ²⁻	- H ₂ + S ₂ O ₃ ²⁻

growth description (p-value)	faster within first 3 days (0.003)	denser overall (0.002)	faster and denser (<0.001)
---------------------------------	---------------------------------------	------------------------	-------------------------------

5

6