

Supplementary material

Opportunities behind the unusual ability of *Geobacter sulfurreducens* for exocellular respiration and electricity production.

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Figure S1: ATR-SEIRAS spectra during the adsorption process of cells on a thin-film gold electrode. The electrode was polarized to 0.2 V in the corresponding electrolyte under a N₂:CO₂ (80:20) atmosphere. After acquiring the spectrum corresponding to the electrode / electrolyte interface a bacterial suspension (10⁹ cell ml⁻¹) was added to the cell. Single beam spectra were recorded with a 5 min time interval after the addition of cells. A.U.: arbitrary units.

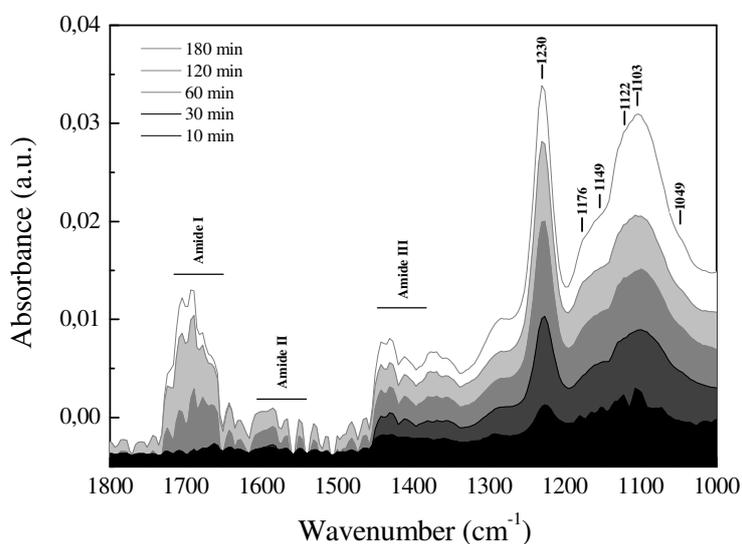


Figure S2: Fold change in the fluorescence intensity of *G. sulfureducens* cells grown under electron donor or electron acceptor limitation. Variability within measurements was less than 10%.

