

Supplementary Information

Low-Voltage Electrochemical CO₂ Reduction by Bacterial Voltage-Multiplier Circuits

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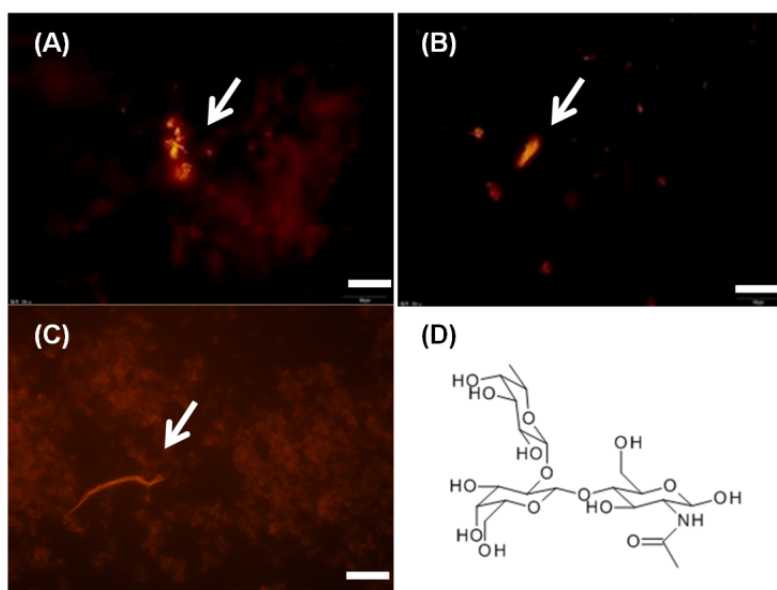


Fig. S1 (A-C) Epifluorescence images taken from different areas of the FTO electrode surfaces after 72 h of electrochemical cultivation. UEA (*Ulex europaeus* agglutinin I) lectin was used as the indicator of *Mariprofundus* stalks. The arrows indicate stalks stained with rhodamine-conjugated UEA. The scale bar equals 10 μm . (D) Molecular structure of the sugar chain of α -L-fucose, β -D-galactose, and β -D-N-acetyl glucosamine to which UEA exhibits selectivity.