

# Supplementary Materials

## Effect of Contact Area and Shape of Anode Current Collectors on Bacterial Community Structure in Microbial Fuel Cells

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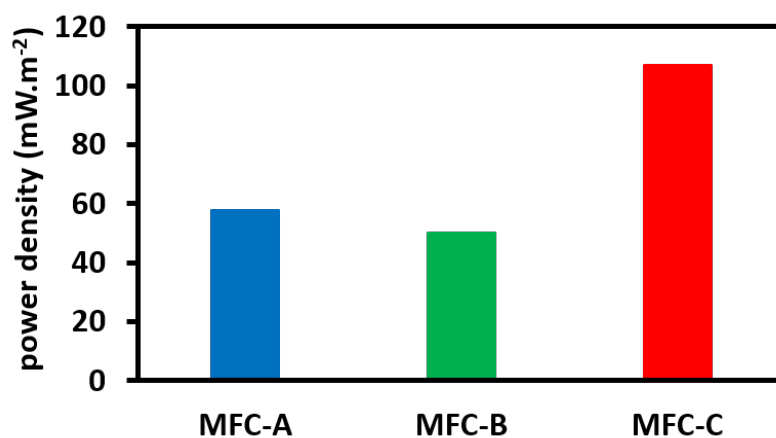
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**Figure S1.** Maximal power output for each current collector configuration.



**Table S1.** Composition of synthetic wastewater for 500mg COD/L.

Compounds dissolved in tap water	Mass for 1L of solution (mg)
tryptone	800
yeast extract	550
urea (CH <sub>4</sub> N <sub>2</sub> O)	150
anhydrous dipotassium hydrogen phosphate (K <sub>2</sub> HPO <sub>4</sub> )	140
sodium chloride (NaCl)	35
calcium chloride dihydrate (CaCl <sub>2</sub> .2H <sub>2</sub> O)	20
magnesium sulphate heptahydrate (MgSO <sub>4</sub> .7H <sub>2</sub> O)	10

**Table S2. Primer sequences for qPCR assay of “all bacteria” and for *Geobacter* sp. and for sequencing of the variable V3 and V4 regions of the 16S rRNA gene.**

Assay	Names and sequences (5'-3')	Product size (bp)	Annealing temperature (°C)	Reference
“all bacteria”	<b>Eub338F</b> ; ACT CCT ACG GGA GGC AGC AG <b>Eub518R</b> ; ATT ACC GCG GCT GCT GG	200	53	Fierer <i>et al.</i> <sup>1</sup>
<i>Geobacter</i> sp.	<b>Geo561F</b> ; GCG TGT AGG CGG TTT CTT AA <b>Geo825R</b> ; TAC CCG CRA CAC CTA GTT CT	265	59	Stults <i>et al.</i> <sup>2</sup>
Primers for 16S V3 and V4 regions	<b>Fwd</b> ; TCG TCG GCA GCG TCA GAT GTG TAT AAG AGA CAG CCT ACG GGN GGC WGC AG <b>Rev</b> ; GTC TCG TGG GCT CGG AGA TGT GTA TAA GAG ACA GGA CTA CHV GGG TAT CTA ATC C	460	55	Illumina’s instructions <sup>3</sup>