

Table S2. Media and buffer composition. Media composition of the feed solution (pH was adjusted to 7.2 with NaOH) and composition of the phosphate-buffered saline (PBS, pH adjusted to 7.2 with either NaH₂PO₄ or Na₂HPO₄).

Component	Concentration
Salts	
KH ₂ PO ₄	0.2 g L ⁻¹
NH ₄ Cl	0.25 g L ⁻¹
NaCl	1 g L ⁻¹
MgCl ₂ ·6H ₂ O	0.4 g L ⁻¹
KCl	0.5 g L ⁻¹
CaCl ₂ 2H ₂ O	0.15 g L ⁻¹
Cysteine-HCl	0.27 g L ⁻¹
Trace elements	
FeCl ₂ ·4H ₂ O	3 µg L ⁻¹
ZnCl ₂	140 µg L ⁻¹
MnCl ₂ 4H ₂ O	0.2 mg L ⁻¹
H ₃ BO ₃	12 µg L ⁻¹
CoCl ₂ 6H ₂ O	0.38 mg L ⁻¹
CuCl ₂ ·2H ₂ O	4 µg L ⁻¹
NiCl ₂ 6H ₂ O	48 µg L ⁻¹
Na ₂ MoO ₄ 2H ₂ O	72 µg L ⁻¹
Vitamins	
Vitamin B12	50 µg L ⁻¹
p-Aminobenzoic acid	40 µg L ⁻¹
D(+)-Biotin	10 µg L ⁻¹
Nicotinic acid	100 µg L ⁻¹
Calcium pantothenate	50 µg L ⁻¹
Pyridoxine hydrochloride	150 µg L ⁻¹
Thiamine-HCl 2H ₂ O	100 µg L ⁻¹
Folic acid	15 µg L ⁻¹
Lipoic acid	5 µg L ⁻¹
Component	Concentration
NaH ₂ PO ₄	0.22 g L ⁻¹
Na ₂ HPO ₄	0.85 g L ⁻¹
NaCl	8.77 g L ⁻¹