

Supplemental Materials

Supplemental Table 1: Media stock solutions used in this study		
Component	Composition per 1 L	Stock concentration
Ammonium sulfate anhydrous	-396.42 g of ammonium sulfate	3 M
Citric acid	-100 of citric acid	100 g/L
FeSO ₄ ·7H ₂ O	-27.8 g of FeSO ₄ ·7H ₂ O -2.5 ml of concentrated H ₂ SO ₄	100 mM
MgSO ₄	-492.96 of MgSO ₄ ·2H ₂ O	2 M
CaSO ₄	-1.72 g of CaSO ₄ ·2H ₂ O	10 mM
Glucose	-500 g of glucose	500 g/L
MOPS	-209.3 g of MOPS	1 M
Bis-Tris	-209.2 g of Bis-Tris	1 M
Thiamine-HCl	-50 g of thiamine-HCl	50 g/L
Yeast Extract	-100 of yeast extract	100 g/L
Casamino Acids	-100 of casamino acids	100 g/L
Trace Metals	-10 mL of concentrated H ₂ SO ₄ -0.6 g CoSO ₄ ·7H ₂ O -0.5 g CuSO ₄ ·5H ₂ O -0.6 g ZnSO ₄ ·7H ₂ O -0.2 g Na ₂ MoO ₄ ·2H ₂ O -0.1 g H ₃ BO ₃ -0.3 g MnSO ₄ ·H ₂ O	500 X