

Table S1 Components of BG11 medium

Components	concentration (g/L)
NaNO <sub>3</sub>	1.5
MgSO <sub>4</sub> ·7H <sub>2</sub> O	0.075
Citric acid	0.006
EDTANa <sub>2</sub>	0.001
A5 solution	1ml
K <sub>2</sub> HPO <sub>4</sub>	0.04
CaCl <sub>2</sub> ·2H <sub>2</sub> O	0.036
Ferric ammonium citrate	0.006
Na <sub>2</sub> CO <sub>3</sub>	0.02

A5 solution

Components	concentration (g/L)
H <sub>3</sub> BO <sub>3</sub>	2.86
ZnSO <sub>4</sub> ·7H <sub>2</sub> O	0.22
CuSO <sub>4</sub> ·5H <sub>2</sub> O	0.079
MnCl <sub>2</sub> ·4H <sub>2</sub> O	1.86
Na <sub>2</sub> MoO <sub>4</sub> ·2H <sub>2</sub> O	0.039
Co (NO <sub>3</sub> ) <sub>2</sub> ·6H <sub>2</sub> O	0.05

Table S2 Components of R2A liquid medium

Components	concentration (g/L)
Proteose Peptone	0.25
Starch	0.5
Glucose	0.5
Yeast Extract	0.5
Casein Hydrolysate	0.5
Dipotassium Phosphate	0.3
Sodium Pyruvate	0.3
Magnesium Sulfate Anhydrous	0.1
Bacteriological Agar	15.00
pH	7.2±0.2