

Supplementary Table S1. Culture media for somatic embryogenesis in Chilean temperate japonica rice.

Medium	Composition
Base	(NH ₄) ₂ SO ₄ 463 mg/L, KNO ₃ 2.83 g/L, KH ₂ PO ₄ 400 mg/L, MgSO ₄ *7H ₂ O 185 mg/L, CaCl ₂ *2H ₂ O 166 mg/L, H ₃ BO ₃ 1.6 mg/L, KI 0.83 mg/L, MnSO ₄ *4H ₂ O 4.4 mg/L, ZnSO ₄ *7H ₂ O 1.5 mg/L, Na ₂ EDTA 37.3 mg/L, FeSO ₄ *7H ₂ O 27.8 mg/L, glycine 2.0 mg/L, thiamine-HCl 1.0 mg/L, pyridoxine-HCl 0.5 mg/L, nicotinic acid 0.5 mg/L, agar 7 g/L
2N6	Base Medium supplemented with myo-inositol 100 mg/L, L-proline 500 mg/L, 2,4-dichlorophenoxyacetic acid (2,4-D) 2.0 mg/L, casein hydrolysate 500 mg/L, sucrose 30 g/L, pH 5.8
N6R	Base medium supplemented myo-inositol 100 mg/L, L-proline 500 mg/L, kinetin 0.5 mg/L, casein hydrolysate 1.0 mg/L, sorbitol 30 g/L, sucrose 20 g/L, activated charcoal 500 mg/L, pH 5.8
N6RN	Base medium supplemented with myo-inositol 100 mg/L, L-proline 500 mg/L, kinetin 0.5 mg/L, 6-benzylaminopurine (BAP) 2.0 mg/L, indole-3-butyric acid (IBA) 1.5 mg/L, 2,4-D 1.5 mg/L, myo-inositol 100 mg/L, L-proline 500 mg/L, casein hydrolysate 1.0 mg/L, sorbitol 30 g/L, sucrose 20 g/L, activated charcoal 500 mg/L, pH 5.8
N6F	Base medium supplemented with casein hydrolysate 1.0 mg/L, sorbitol 30 g/L, sucrose 15 g/L, activated charcoal 500 mg/L, pH 5.8
PIMII	K ₂ HPO ₄ 3 g/L, NaH ₂ PO ₄ 1 g/L, NaCl 1 g/L, MgSO ₄ *7H ₂ O 0.3 g/L, KCl 0.15 g/L, CaCl ₂ 10 mg/L, FeSO ₄ *7H ₂ O 2.5 mg/L, 2-(N-morpholino) ethanesulfonic acid 75 mM, glucose 1%, pH 5.7
2N6200cc	2N6 supplemented with cefotaxime and carbenicillin 200 mg/L, each (MilliporeSigma)