

表 1 培养基成分

Table 1 The composition of culture medium used in this study

培养基名称	培养基组分及含量
The name of medium	The composition of medium
愈伤组织	NB (N ₆ macro+B ₅ micro+B ₅ vitamine)+CH; 300 mg/L+Pro; 500 mg/L+Gln; 500 mg/L+2,4-D; 2 mg/L
Callus induction	+sucrose; 30 g/L+Agar; 8 g/L, pH: 5.8
共培养	NB+CH; 300 mg/L+Pro; 500 mg/L+Gln; 500 mg/L+2,4-D; 2 mg/L+AS; 100 umol/L+sucrose; 65 g/L+Agar;
co-culture	8 g/L, pH: 5.2
脱菌	NB+CH; 300 mg/L+Pro; 500 mg/L+Gln; 500 mg/L+2,4-D; 2 mg/L+Timentin; 300 mg/L+sucrose; 30
Sterilization	g/L+Agar; 8 g/L, pH: 5.8
筛选	NB+6-BA; 2 mg/L+KT; 0.5 mg/L+NAA; 0.5 mg/L+Timentin; 300 mg/L+PPT; 4 mg/L+sucrose; 30
Selection	g/L+Agar; 8 g/L, pH: 5.8
分化	NB+CH; 300 mg/L+Pro; 500 mg/L+Gln; 500 mg/L+6-BA; 2 mg/L+KT; 0.5 mg/L+NAA; 0.5
Differentiation	mg/L+Timentin; 300 mg/L+sucrose; 30 g/L+Agar; 8g/L, pH: 5.8
生根	1/2MS+ NAA; 0.5 mg/L+sucrose; 30 g/L+Cef; 150 mg/L+Agar; 8 g/L, pH: 5.8
Rooting	
重悬液	NB+CH; 300 mg/L+Pro; 500 mg/L+Gln; 500 mg/L+2,4-D; 2 mg/L+AS; 100 umol/L+sucrose; 68.5
Resuspension liquid	g/L+glucose; 36 g/L+Agar; 8 g/L, pH: 5.2
YEP	Peptone; 5 g/L+Yeast extract; 10 g/L+Nacl; 5 g/L+Km ;50 mg/L+Rif; 100 mg/L, pH: 7.2