

Table S1. Medium components used in the induction and regeneration medium.

Medium Components (mg L ⁻¹)	Induction media		Regeneration medium	
	MS1	MS2	CHB-3	CHB-3R
<i>Macronutrients</i>				
KNO ₃	1900	1900	1415	1415
(NH ₄) ₂ SO ₄	-	-	232	232
MgSO ₄ ·7H ₂ O	370	370	93	93
KH ₂ PO ₄	170	170	200	200
CaCl ₂ ·2H ₂ O	440	440	83	83
NH ₄ NO ₃	1650	1650	-	-
<i>Micronutrients</i>				
FeSO ₄ ·7H ₂ O	27.8	27.8	-	-
FeNa ₂ EDTA			40	40
Na ₂ EDTA·2H ₂ O	37.3	37.3	-	-
MnSO ₄ ·5H ₂ O	22.3	22.3	3.75	3.75
ZnSO ₄ ·7H ₂ O	8.6	8.6	5	5
H ₃ BO ₃	100	100	5	5
KI	0.8	0.8	0.4	0.4
CuSO ₄ ·5H ₂ O	0.025	0.025	0.025	0.025
Na ₂ MoO ₄ ·2H ₂ O	0.25	0.25	0.012	0.012
CoCl ₂ ·6H ₂ O	0.025	0.025	0.025	0.025
<i>Vitamins</i>				
Nicotinic acid	0.5	0.5	0.5	0.5
Biotin	-	-	0.25	0.25
Pyridoxine HCl	0.5	0.5	0.5	0.5
Thiamine HCl	0.4	0.4	2.5	2.5
Myo-inositol	100	100	0.39	0.39
Pentthenate	-	-	0.25	0.25
Glycine	-	-	1	1
Glutamine	146	146	1000	1000
<i>Carbonhydrates</i>				
Sucrose	40000	30000	-	30000
Maltose	-	-	90000	-
<i>Growth regulators</i>				
2,4-D	-	-	2	-
Kinetin	-	-	2	0.5
NAA	4	4	-	0.5
BAP	0.5	0.5	-	1
<i>Other suplements</i>				
AgNO ₃	15	15	-	-
Activated carbon	(0.25%)	(0.25%)	-	-
<i>Solidifying agents</i>				
Gelrite	-	-	-	2800
Agar	7000	7000	-	-
pH	5.9	5.9	5.9	5.9