

Supplementary Table S1 Composition of medium tested for callus induction from leaf explants of *Lagerstroemia indica*

Callus induction medium	Components				Callus introduction rate (%)
	Basic medium	6-BA (mg/L)	NAA (mg/L)	Sucrose (g/L)	
CIM1	WPM	0.8	0.1	30	47.67 ± 3.67 bcd
CIM2	WPM	0.8	0.2	30	63.00 ± 4.00 ab
CIM3	WPM	0.8	0.5	30	70.33 ± 3.33 a
CIM4	WPM	1.0	0.1	30	22.00 ± 6.35 f
CIM5	WPM	1.0	0.2	30	44.00 ± 6.35 cde
CIM6	WPM	1.0	0.5	30	51.67 ± 7.67 bc
CIM7	WPM	1.5	0.1	30	29.33 ± 3.67 ef
CIM8	WPM	1.5	0.2	30	29.33 ± 3.67 ef
CIM9	WPM	1.5	0.5	30	33.00 ± 6.35 def

WPM, wood plant medium; 6-BA, 6-Benzylaminopurine; NAA, Naphthylacetic acid; the callus induction mediums (CIMs) were gelled with 3 g/L gelrite, pH 5.8-6.0. Thirty leaf explants were inoculated per CIM, repeated 3 times. Data was calculated by SPSS software. Different lowercase letters indicate significant differences at $p < 0.05$