Supplementary Table S1. Summary data on prior studies reporting shoot morphogenesis in *Gloriosa superba* L. via direct organogenesis from selected explant type.

Sr. No	Explant(s) of interest	The best treatment that showed maximum shooting	Media and growth conditions	References
1	Shoot tips	MS basal media + 2.0 mg/l BAP + 0.5 mg/l NAA	3.0% (w/v) sucrose, 0.8% (w/v) agar, 25±2°C, 16/8-hour light/dark, 40 µmol m^{-2} s^{-1} photosynthetic photon flux density (PPFD) and 60 - 70% humidity.	[1]
2	Apical and axillary buds of young sprouts	MS basal + 1.5 mg/l BA + 0.5 mg/l NAA	30 g/l sucrose, 7 g/l agar (Difco), pH of 5.8, 16 h photoperiod at 24 ± 2°C under a light intensity of 3 mmol m^{-2} s^{-2}	[2]
3	Shoot cuttings, tuber tips,	MS basal + 3 mg l^{-1} BA + 0.1 mg 1^{-1} IAA	3% sucrose, 0.65% agar (Oxoid), pH of 5.6, 16 h photoperiod at 24°C under a light intensity of 25 µmol m^{-2} s^{-1}	[3]
4	Shoot tips	MS basal + 7.0 mg/l BAP + 0.5 mg/l NAA	3% (w/v) sucrose, pH of 5.8, 0.8% (w/v), 24±2°C, under 16/8 h (light/dark cycle) photoperiod (60 µ$Em^{-2}s^{-1}$)	[4]

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