

**Supplementary Table S5.** Summary table showing explant type, treatment, and shoot initiation rate (%) of this study.

<b>Sr. No</b>	<b>Explant(s) of interest</b>	<b>The best treatment for shoot induction</b>	<b>Shoot initiation percentage (%)</b>
<b>1</b>	Nodal segment	MS basal media + 1.5 mg L <sup>-1</sup> BAP + 0.2 mg L <sup>-1</sup> TDZ  <u>Media conditions:</u>  2% sucrose, 0.8% (w/v) agar, pH of 5.8, 25±2°C, 16/8-hour light/dark photoperiod (80 µmol m <sup>-2</sup> s <sup>-1</sup> )	88.89%
<b>2</b>	Non-dormant corm	MS basal media + 1.5 mg L <sup>-1</sup> BAP + 10 mg L <sup>-1</sup> ADS  <u>Media conditions:</u>  2% sucrose, 0.8% (w/v) agar, pH of 5.8, 25±2°C, 16/8-hour light/dark photoperiod (80 µmol m <sup>-2</sup> s <sup>-1</sup> )	91.67%
<b>3</b>	Shoot tip	MS basal media + 1.5 mg L <sup>-1</sup> BAP + 0.2 mg L <sup>-1</sup> TDZ + 8 mg L <sup>-1</sup> ADS  <u>Media conditions:</u>  2% sucrose, 0.8% (w/v) agar, pH of 5.8, 25±2°C, 16/8-hour light/dark photoperiod (80 µmol m <sup>-2</sup> s <sup>-1</sup> )	86.11%
<b>4</b>	Apical shoot buds	MS basal media + 2.0 mg L <sup>-1</sup> BAP + 0.6 mg L <sup>-1</sup> NAA  <u>Media conditions:</u>  2% sucrose, 0.8% (w/v) agar, pH of 5.8, 25±2°C, 16/8-hour light/dark photoperiod (80 µmol m <sup>-2</sup> s <sup>-1</sup> )	85.41%
<b>5</b>	Meristem	MS basal media + 2.0 mg L <sup>-1</sup> BAP + 0.6 mg L <sup>-1</sup> NAA  <u>Media conditions:</u>  2% sucrose, 0.8% (w/v) agar, pH of 5.8, 25±2°C, 16/8-hour light/dark photoperiod (80 µmol m <sup>-2</sup> s <sup>-1</sup> )	89.58%