

Supplementary information (Online resource 1)

a) Effect of IBA on rhizogenesis in ST recorded at 4 weeks post inoculation.

S.No.	IBA Conc. (mg l ⁻¹)	Root (%)	Average number of roots per explant	Average root length per explant (cm)	Average maximum root length per explant (cm)
1.	0	0	0	0	0
2.	1	80bc	7.73±0.24d	7.01±0.083bc	8.98±0.26bc
3.	2.5	75c	9.24±0.26d	7.95±0.077b	10.25±0.093b
4.	5	75c	10.86±0.24bc	8.36±0.087a	10.49±0.104a
5.	7.5	95a	12.67±0.26b	8.44±0.096a	10.5±0.071a
6.	10	90ab	17.79±0.28 a	8.67±0.085a	10.74±0.06a

b) Effect of temperature shift and IBA on the shoot regeneration of ST 10 weeks post inoculation.

S. No.	IBA Conc. (mg l ⁻¹)	Shoot (%)	Average number of caulogenetic root explants	Average number of caulogenetic non-rooted explants	Average number of shoots per explant	Average shoot length per explant (cm)	Average maximum shoot length per explant (cm)
1.	0	0	0	0	0	0	0
2.	1	5c	1.5±0.22d	0	1.3±0.3d	2.27±0.127c	1.93±0.22d
3.	2.5	15b	2.4±0.26c	0	3.6±0.49cd	2.96±0.197c	2.73±0.22cd
4.	5	25b	4.2±0.24c	0	5.4±0.33c	3.77±0.241b	4.08±0.10c
5.	7.5	80a	14±1.06ab	0	7.8±0.20ab	7.5±0.171a	8.37±0.204ab
6.	10	90a	14.9±0.99a	0	8.5±0.34a	7.95±0.233a	9.99±0.28a

Table 1. Effect of IBA (a) and culture room temperature shift (b) on micropropagation of ST. Statistical analysis was performed using ANOVA. Results are mean of 20 replicates per trial. All experiments were repeated thrice. Mean separation within columns are validated using

Duncan's multiple range tests at 5% level of significance. All values related in a group in are depicted as lowercase letters and data was significant at $p<0.05$.

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An efficient and quick protocol for *in vitro* multiplication of snake plant, *Sansevieria trifasciata* var. *Laurentii* [Prain]

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