

Supplementary Table S11. Mutual information–based importance analysis of factors affecting differentiation rate.

(A) Shooting rate

Factor	Effect size (MI)	Standardized importance rank
Explant type	0.17	1
6-BA × NAA interaction	0.12	2
NAA/BA ratio	0.10	3
NAA concentration	0.09	4
BA ratio	0.09	5
Petiole indicator variable	0.09	6
Log(NAA concentration)	0.08	7
NAA ratio	0.07	8

(B) Rooting rate

Factor	Effect size (MI)	Standardized importance rank
6-BA × NAA interaction	0.21	1
Explant type	0.18	2
Log(NAA concentration)	0.17	3
NAA concentration	0.14	4
BA ratio	0.12	5
BA/NAA ratio	0.12	6
NAA/BA ratio	0.11	7
Total hormone concentration	0.11	8

Note: MI, mutual information. Higher MI values indicate stronger dependency between predictor and differentiation rate.