**Supplementary materials:**

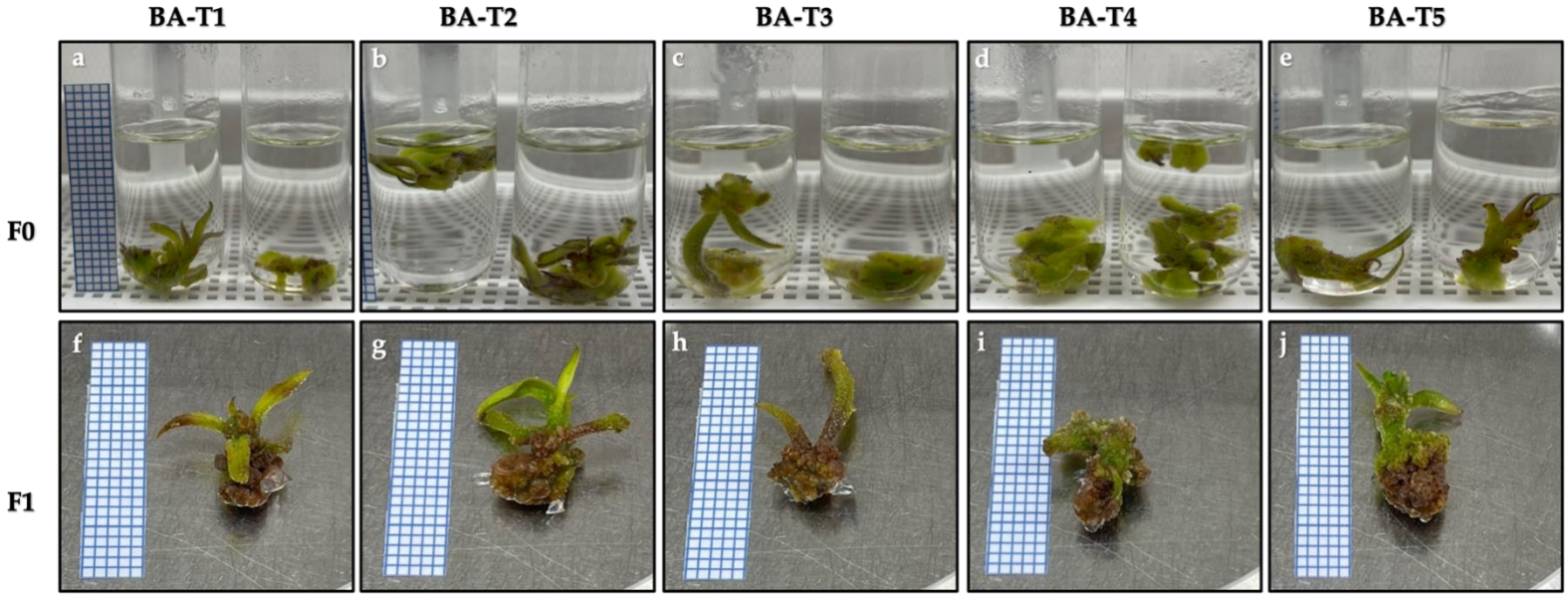


**Figure S1.** Meristem culture induction and multiplication of *D. hopwoodii* under different BA (1-15 $mgL^{-1}$) concentrations. (**a-e**) Meristems treated with different concentrations of BA in 1/2 liquid WPM at the end of F0 (**a**), BA-T1, (**b**) BA-T2, (**c**) BA-T3, (**d**) BA-T4, (**e**) BA-T5; (**f-j**) Multiplication of meristem regenerated shoots on MSK2C medium at the end of F1, showing necrosis, browning, callusing and abnormal growth (**f**) BA-T1 (**g**) BA-T2 (**h**) BA-T3 (**i**) BA-T4 (**j**) BA-T5.

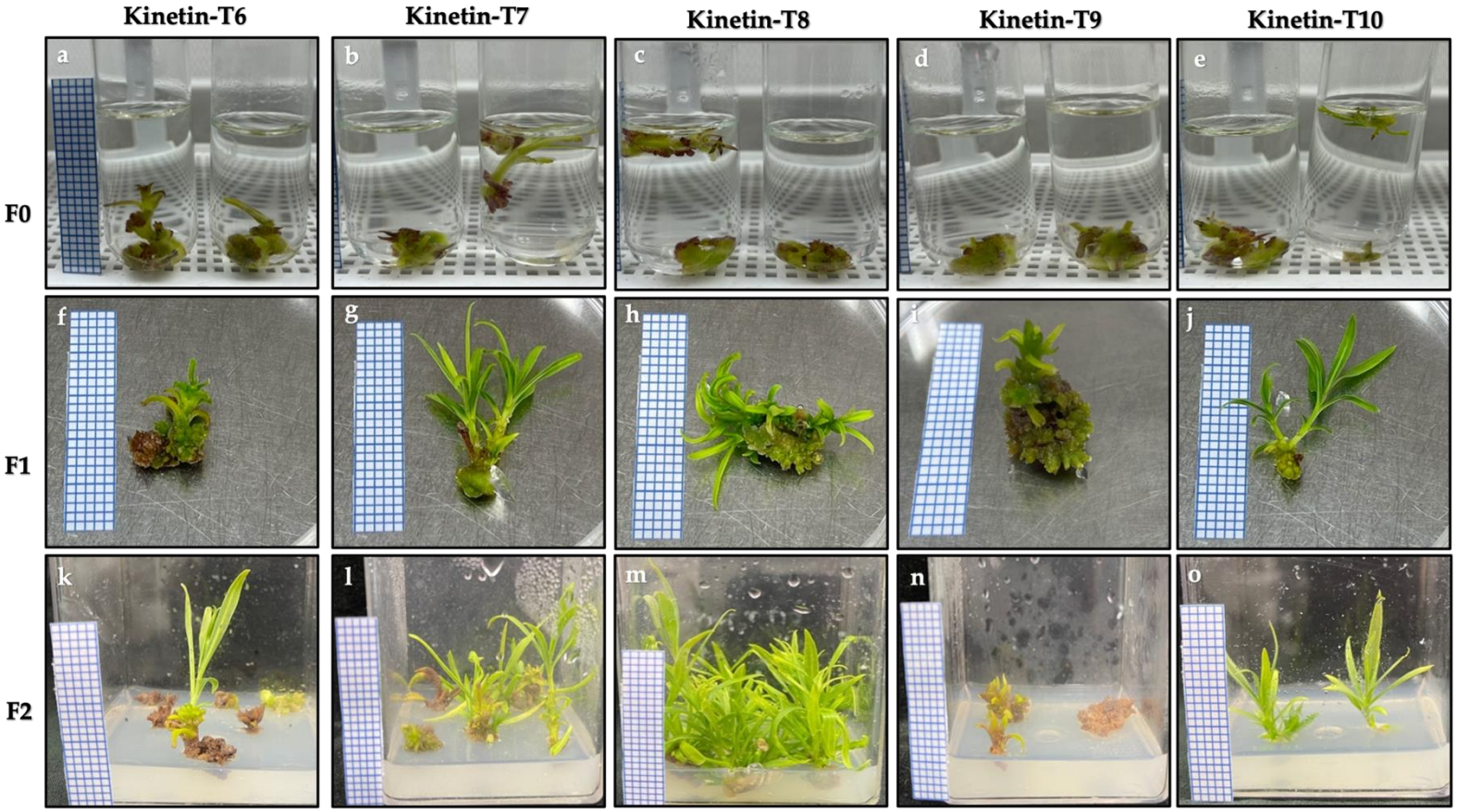


**Figure S2.** Meristem culture induction and multiplication of *D. hopwoodii* under different kinetin (1-10 $mgL^{-1}$) concentrations: (**a-e**) Meristems treated with different concentrations of kinetin in 1/2 liquid WPM at the end of F0 (**a**) Kinetin-T6, (**b**) Kinetin-T7, (**c**) Kinetin-T8, (**d**) Kinetin-T9, (**e**) Kinetin-T10; (**f-j**) Multiplication of meristem regenerated shoots in MSK2C medium at the end of F1, showing shoot proliferation capacity associated with different kinetin concentrations initially used (**f**) Kinetin-T6, (**g**) Kinetin-T7, (**h**) Kinetin-T8, (**i**) Kinetin-T9, (**j**) Kinetin-T10; (**k-o**) Multiplication of meristem regenerated shoots in MSK2C medium at the end of F2, indicating multiplication capacity associated with different Kinetin concentrations initially used (**k**) Kinetin-T6, (**l**) Kinetin-T7, (**m**) Kinetin-T8, (**n**) Kinetin-T9, (**o**) Kinetin-T10.

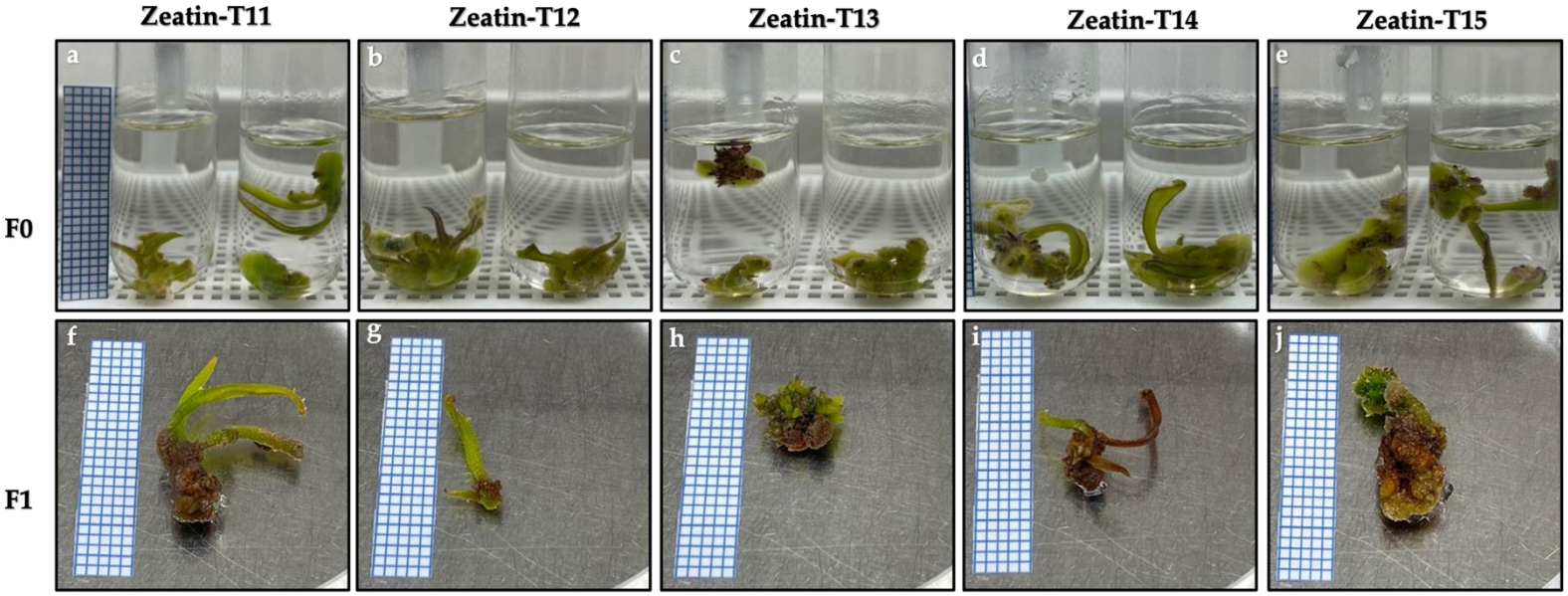


**Figure S3.** Meristem culture induction and multiplication of *D. hopwoodii* under different zeatin (1-10 $mgL^{-1}$) concentrations: (**a-e**) Meristems treated with different concentrations of zeatin in 1/2 liquid WPM at the end of F0 (**a**) Zeatin-T11, (**b**) Zeatin-T12, (**c**) Zeatin-T13, (**d**) Zeatin-T14, (**e**) Zeatin-T15; (**f-j**) Multiplication of meristem regenerated shoots in MSK2C medium at the end of F1, showing necrosis, browning, callusing and abnormal growth, (**f**) Zeatin-T11, (**g**) Zeatin-T12, (**h**) Zeatin-T13, (**i**) Zeatin-T14, (**j**) Zeatin-T15.

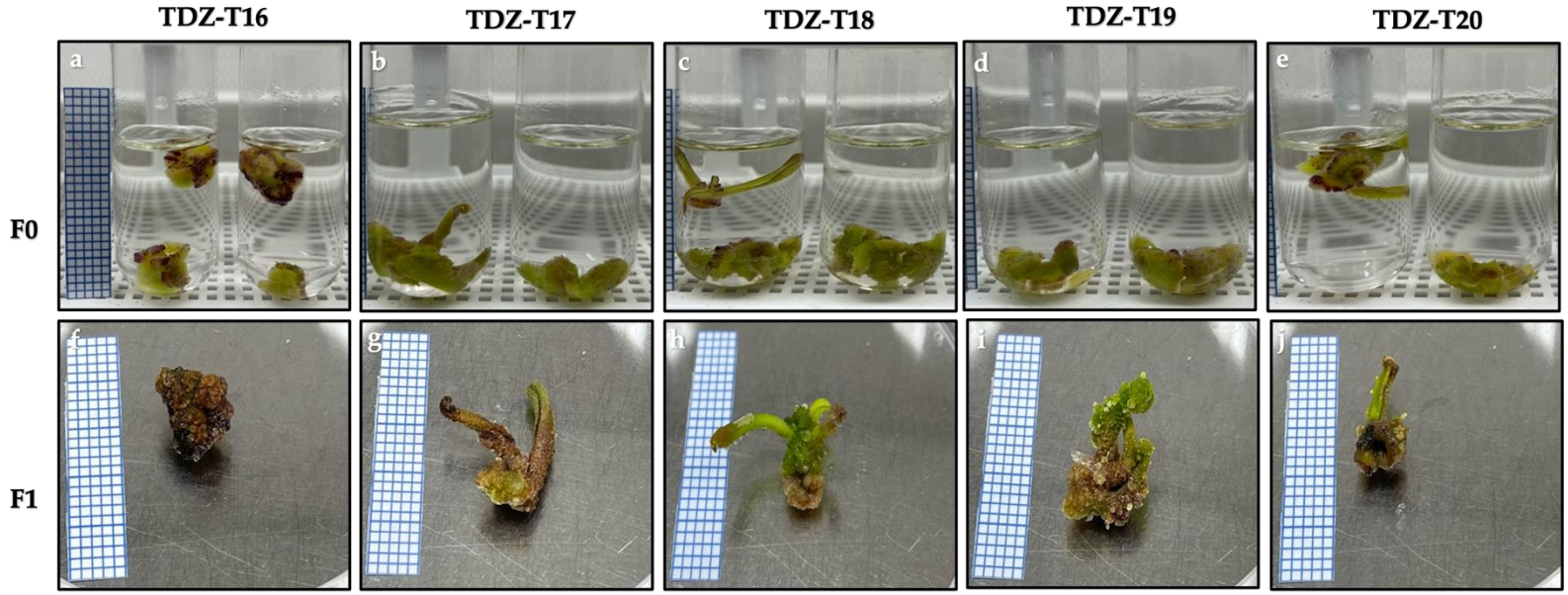


**Figure S4.** Meristem culture induction and multiplication of *D. hopwoodii* under different TDZ (0.05-0.5 $mgL^{-1}$) concentrations: (**a-e**) Meristems treated with different concentrations of TDZ in 1/2 liquid WPM at the end of F0 (**a**) TDZ-T16, (**b**) TDZ-T17, (**c**) TDZ-T18, (**d**) TDZ-19, (**e**) TDZ-T20; (**f-j**) Multiplication of meristem regenerated shoots in MSK2C medium at the end of F1, showing necrosis, browning, callusing and abnormal growth (**f**) TDZ-T16, (**g**) TDZ-T17, (**h**) TDZ-T18, (**i**) TDZ-T19, (**j**) TDZ-T20.

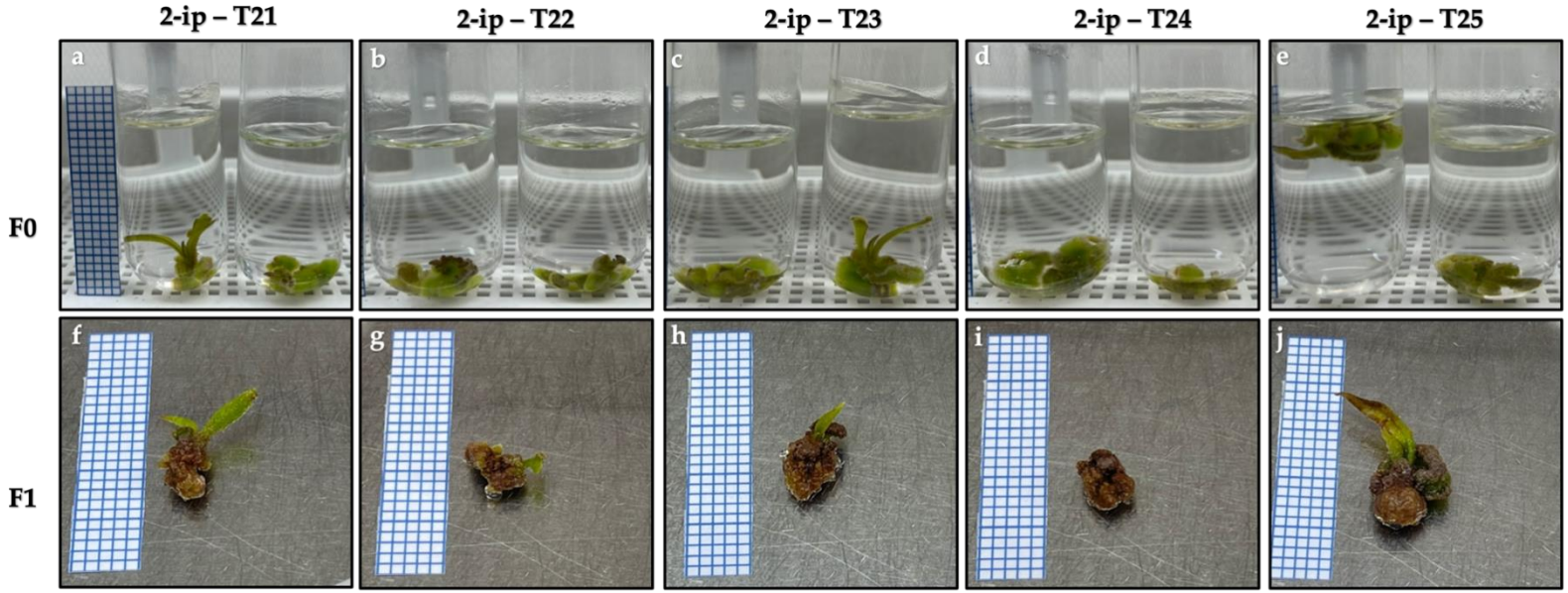


**Figure S5.** Meristem culture induction and multiplication of *D. hopwoodii* under different 2iP (0.1-1 $mgL^{-1}$) concentrations: (**a-e**) Meristems treated with different concentrations of 2-ip in 1/2 liquid WPM at the end of F0 (**a**) 2iP – T21, (**b**) 2iP – T22, (**c**) 2iP – T23, (**d**) 2iP – T24, (**e**) 2iP – T25; (**f-j**) Multiplication of meristem regenerated shoots in MSK2C medium at the end of F1, showing necrosis, browning, callusing and abnormal growth (**f**) 2iP – T21, (**g**) 2iP – T22, (**h**) 2iP – T23, (**i**) 2iP – T24, (**j**) 2iP – T25.