

Table S4 Differentiation efficiencies of watermelon cotyledons under different concentrations of hormones.

Treatment		Number of explants		Differentiation rate (%)	
6-BA (mg/L)	IAA (mg/L)	YL-3	YL-4	YL-3	YL-4
0.5	0.0	146	146	47.9 ± 1.9 ^c	41.1 ± 0.9 ^c
1.0	0.0	148	167	63.5 ± 3.5 ^b	52.1 ± 2.1 ^b
1.5	0.0	140	153	86.4 ± 1.3 ^a	65.4 ± 1.4 ^a
2.0	0.0	156	169	66.7 ± 1.7 ^b	58.0 ± 4.0 ^{ab}
0.5	1.0	140	164	49.2 ± 1.1 ^c	35.4 ± 1.4 ^c
1.0	1.0	169	148	58.6 ± 1.4 ^b	60.1 ± 1.1 ^b
1.5	1.0	144	168	72.9 ± 1.9 ^a	63.1 ± 3.1 ^a
2.0	1.0	166	152	64.6 ± 1.6 ^b	52.0 ± 2.0 ^b
0.5	2.0	140	155	24.3 ± 5.3 ^a	14.8 ± 1.8 ^c
1.0	2.0	151	153	36.4 ± 3.4 ^a	19.0 ± 1.0 ^{bc}
1.5	2.0	148	151	33.1 ± 0.1 ^a	21.9 ± 0.9 ^{ab}
2.0	2.0	154	150	35.1 ± 4.6 ^a	36.0 ± 1.0 ^a

Note: Differentiation rate=Calli number/Total explants number×100%. Values are means (three independent experiments) ± standard errors (SE), and different letters indicate significant differences between treatments according to Duncan's multiple test (P<0.05).