

Table 1 Suppl. Liquid phase elution conditions of plant hormones.

Time[min]	Flow rate [mm ³ min ⁻¹]	Solution A [%]	Solution B [%]
0.0	300	0	100
1.0	300	60	40
2.5	300	55	45
5.0	300	20	80
5.1	300	90	10
7.1	300	90	10

Table 2 Suppl. MS parameters of different hormones in MRM mode.

Plant hormone	Retention time [s]	Precursor ion [m/z]	Fragment peak [m/z]	Fragmentor voltage [V]	Collision energy [eV]
ABA	2.547	263.1	153.1	90	10
GA ₃	4.010	345.1	239.0	75	9

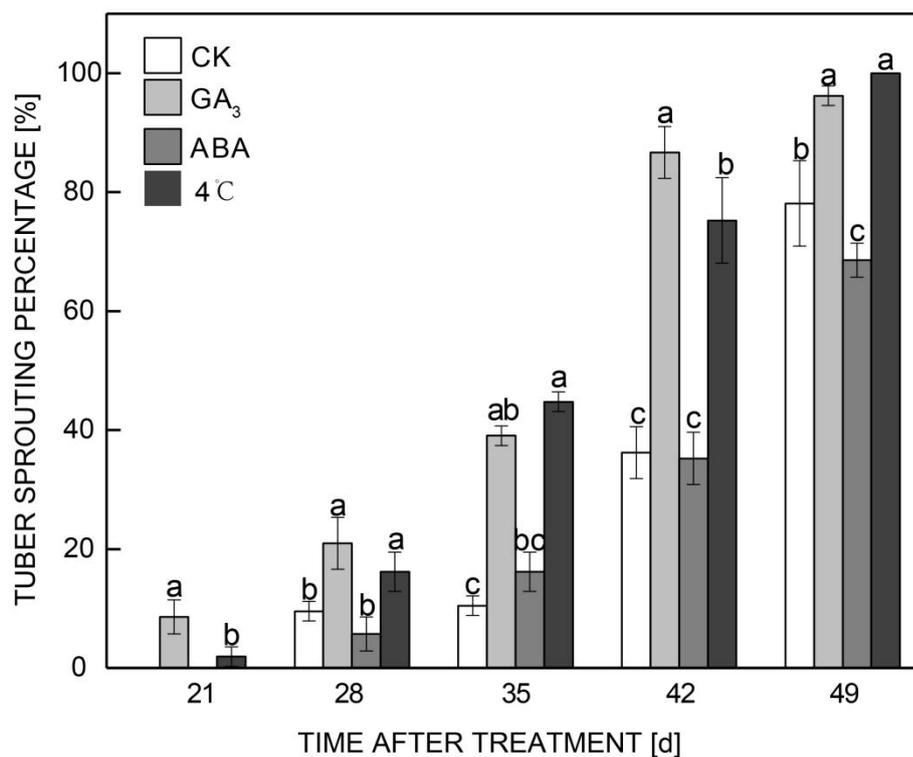


Fig. 1 Suppl. Sprouting rate of potato tuber under different treatments. No tuber germinated during 1 - 14 d after treatment. On the 21st day, potato tubers began to sprout using GA₃ and under a temperature of 4 °C. Under other treatments, sprouting started later. CK - control, GA₃ - GA₃ treatment, ABA - ABA treatment, 4 °C - low-temperature stress. Means ± SEs, n = 3, different letters mark significantly different values under different treatments at the same time (Duncan's multiple range test, *P* < 0.05).