

Supplementary Materials

Table S1. Probability value (P) of F test from three-way analysis of variance (ANOVA) of callus and somatic embryo induction on tulip initial explants depending on auxin type, TDZ concentration and cultivar.

Effect	Callus growth	Somatic embryo number
	P	
Genotype	0.000000	0.000000
Auxin type	0.000000	0.000000
TDZ concentration	0.000020	0.000000
Genotype x auxin type	0.000000	0.000000
Genotype x TDZ concentration	0.000000	0.000000
Auxin type x TDZ concentration	0.017624	0.000051
Genotype x auxin type x cytokinin concentration	0.000003	0.000017

Table S2. Means of the callus growth and somatic embryo number regenerated on initial explants for tulip cultivars, auxin types and TDZ concentrations; three-way ANOVA.

Factor	Means	
	Callus growth	Somatic embryo number
Cultivar		
Apeldoorn	1.25 a	0.71 c
Blue Parrot	1.12 c	4.02 b
Prominence	1.76 b	8.54 a
Auxin		
2,4-D	1.33 c	7.21 a
Picloram	1.80 b	0.95 c
NAA	1.98 a	5.11 b
TDZ concentration (mg l ⁻¹)		
0	1.62 b	0.43 c
0.1	1.89 a	5.25 b
0.5	1.63 a	7.59 a

Mean separation within columns for each factor by Duncan's multiple range test. The means followed by the same letter do not differ at $P = 0.05$