

Table S2. Analysis of variance table (type I SS) for Survival of explants.

Term	df	Sum Sq	Mean Sq	F-value	p-value	Signif
Cultivar	2	1701.9	850.9	7.146	1.32E-03	**
Temperature	2	9274.1	4637.0	38.942	6.54E-13	***
SA	1	1008.3	1008.3	8.468	4.55E-03	**
Cultivar:Temperature	4	1525.9	381.5	3.204	1.65E-02	*
Cultivar:SA	2	216.7	108.3	0.910	4.06E-01	
Temperature:SA	2	1088.9	544.4	4.572	1.28E-02	*
Cultivar:Temperature:SA	4	344.4	86.1	0.723	5.78E-01	

Note: * p<0.05, ** p<0.01, *** p<0.001; the p values which indicate significant effects are marked with the red color font. The same refers to the tables listed below.

Table S3. Analysis of variance table (type I SS) for Number of leaves/nodes.

Term	df	Sum Sq	Mean Sq	F-value	p-value	Signif
Cultivar	2	132.42	66.21	69.60	0.00E-01	***
Temperature	2	309.27	154.64	162.55	0.00E-01	***
SA	1	60.98	60.98	64.11	3.44E-15	***
Cultivar:Temperature	4	92.22	23.05	24.23	0.00E-01	***
Cultivar:SA	2	30.57	15.29	16.07	1.37E-07	***
Temperature:SA	2	15.64	7.82	8.22	2.88E-04	***
Cultivar:Temperature:SA	4	21.67	5.42	5.69	1.57E-04	***

Table S4. Analysis of variance table (type I SS) for Shoot length.

Term	df	Sum Sq	Mean Sq	F-value	p-value	Signif
Cultivar	2	1165.1	582.5	19.034	5.54E-07	***
Temperature	2	9369.9	4685.0	153.081	0.00E-01	***
SA	1	2407.2	2407.2	78.656	4.01E-12	***
Cultivar:Temperature	4	2864.1	716.0	23.396	2.94E-11	***
Cultivar:SA	2	138.4	69.2	2.262	1.14E-01	
Temperature:SA	2	584.1	292.1	9.544	2.82E-04	***
Cultivar:Temperature:SA	4	323.7	80.9	2.644	4.33E-02	*

Table S5. Analysis of variance table (type I SS) for Shoot mass.

Term	df	Sum Sq	Mean Sq	F-value	p-value	Signif
Cultivar	2	108816.9	54408.5	158.917	0.00E-01	***
Temperature	2	65047.9	32524.0	94.996	0.00E-01	***
SA	1	23658.1	23658.1	69.101	3.10E-11	***
Cultivar:Temperature	4	18804.6	4701.1	13.731	8.65E-08	***
Cultivar:SA	2	5680.5	2840.3	8.296	7.22E-04	***
Temperature:SA	2	1516.5	758.2	2.215	1.19E-01	
Cultivar:Temperature:SA	4	5820.7	1455.2	4.250	4.61E-03	**

Table S6. Analysis of variance table (type I SS) for Number of roots.

Term	df	Sum Sq	Mean Sq	F-value	p-value	Signif
Cultivar	2	136.179	68.090	145.150	0.00E-01	***
Temperature	2	11.872	5.936	12.654	3.11E-05	***
SA	1	0.387	0.387	0.824	3.68E-01	
Cultivar:Temperature	4	12.653	3.163	6.743	1.78E-04	***
Cultivar:SA	2	0.220	0.110	0.234	7.92E-01	
Temperature:SA	2	0.162	0.081	0.173	8.41E-01	
Cultivar:Temperature:SA	4	2.165	0.541	1.154	3.42E-01	

Table S7. Analysis of variance table (type I SS) for Root length.

Term	df	Sum Sq	Mean Sq	F-value	p-value	Signif
Cultivar	2	1526.8	763.4	10.213	1.01E-04	***
Temperature	2	5616.3	2808.2	37.570	1.37E-12	***
SA	1	24934.5	24934.5	333.591	0.00E-01	***
Cultivar:Temperature	4	808.6	202.1	2.704	3.53E-02	*
Cultivar:SA	2	1079.8	539.9	7.223	1.23E-03	**
Temperature:SA	2	148.3	74.2	0.992	3.75E-01	
Cultivar:Temperature:SA	4	581.1	145.3	1.944	1.10E-01	

Table S8. Analysis of variance table (type I SS) for Root mass.

Term	df	Sum Sq	Mean Sq	F-value	p-value	Signif
Cultivar	2	47932.6	23966.3	189.006	0.00E-01	***
Temperature	2	10136.7	5068.4	39.971	3.78E-13	***
SA	1	11914.5	11914.5	93.962	1.22E-15	***
Cultivar:Temperature	4	4280.9	1070.2	8.440	7.90E-06	***
Cultivar:SA	2	2638.1	1319.0	10.402	8.63E-05	***
Temperature:SA	2	1096.9	548.5	4.325	1.61E-02	*
Cultivar:Temperature:SA	4	2423.7	605.9	4.778	1.53E-03	**