

Table 1 Suppl. Sequences of primers used for PCR analyses.

Genes	Forward primers 5'-3'	Reverse primers 5'-3'
<i>Efl α</i>	GATGCTACCACCCGAAGTA	ACGAAGGGGTTTGTCTGTTG
<i>Catalase 1</i>	AAAAGCAGGCTTCATGGATC CCTCTAAGTATCG	CAAGAAAGCTGGGTCTCAC ATTGTAGGCTTCACAG
<i>Catalase 2</i>	AAAAAGCAGGCTTCATGGAT CCTTACAAGTACCG	CAAGAAAGCTGGGTCTCAT ATGCTTGGTCTCACAT
<i>Catalase 3</i>	AAAAAGCAGGCTTCATGGAT CCTTACAAGTATCG	CAAGAAAGCTGGGTCTCAC ATTGTAGGCCTTATAT
<i>FeSOD1</i>	AAAAAGCAGGCTTCATGGCC GCCGCAATAGCTT	CAAGAAAGCTGGGTCTTAGT CCGCCTCAGAATCTG
<i>FeSOD2</i>	AAAAAGCAGGCTTCATGGCC GCCACTGCCTCTGCTAA	CAAGAAAGCTGGGTCTCAA GGCGCTGTTGCTG
<i>FeSOD3</i>	AAAAAGCAGGCTTCATGAGT TGGTGCTGTTGTAA	CAAGAAAGCTGGGTCTCAT GCAACAGGAATTTTCG
<i>MnSOD</i>	AAAAAGCAGGCTTCCACCAC CAGAAGCATCATCA	CAAGAAAGCTGGGTCAAGG GTCCTGATTGCACTG
<i>(Cu-Zn)SOD</i>	AAAAAGCAGGCTTCAATCCA ACGGTGGTACCCAT	CAAGAAAGCTGGGTCCCTG CGTTTCCAGTTGTCTT
<i>(Cu-Zn)2SOD</i>	AAAAAGCAGGCTTCTGGCTG CATGTCAACAGGAC	CAAGAAAGCTGGGTCTTCC GCCAGCATTTCCAGT

Table 2 Suppl. Accumulation of Na⁺ in interspecific somatic potato hybrid lines STBa, STBc, and STBd and their BF15 parent after cultivation on Murashige and Skoog medium without (control) or with 100 mM NaCl for 10 d. Means ± SDs, n = 10; different superscripts indicate significant differences between potato lines ($P \leq ??$).

	BF15	STBa	STBc	STBd
Na ⁺ content in control roots [mg g ⁻¹ (d.m.)]	2.173 ± 0.23 ^c	56.820 ± 3.06 ^a	4.762 ± 0.33 ^b	6.267 ± 0.54 ^b
Accumulation of Na ⁺ in stressed roots [%]	1593.78	40.57	565.41	490.10
Na ⁺ content in control leaves [mg g ⁻¹ (d.m.)]	2.844 ± 0.15 ^b	13.273 ± 4.50 ^a	1.968 ± 0.09 ^c	2.789 ± 0.19 ^b
Accumulation of Na ⁺ in stressed leaves [%]	820.32	197.97	598.88	581.03



Fig. 1 Suppl. Morphology of potato plantlets during 40 days of *in vitro* cultivation on Murashige and Skoog medium without (-) and with 100 mM NaCl (+).

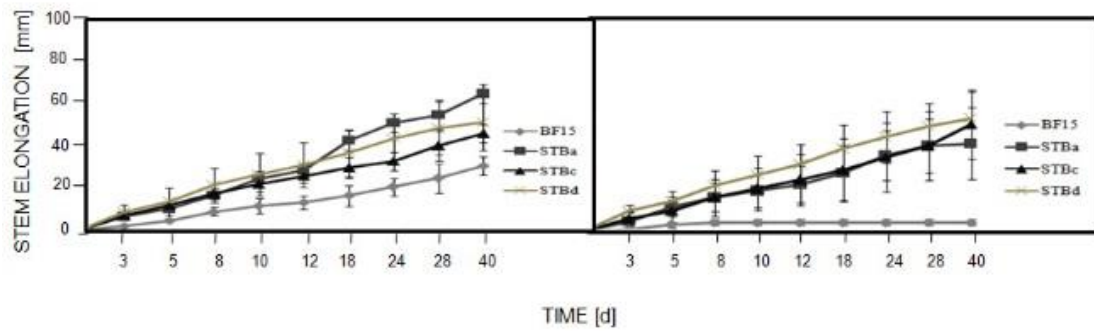


Fig. 2 Suppl. Stem elongation of interspecific somatic potato hybrid lines STBa, STBc, and STBd) and their BF15 parent cultivated on Murashige and Skoog medium without (*on the left*) or with 100 mM NaCl (*on the right*) for 40 days. Means $\pm$ SDs, $n = 10$.

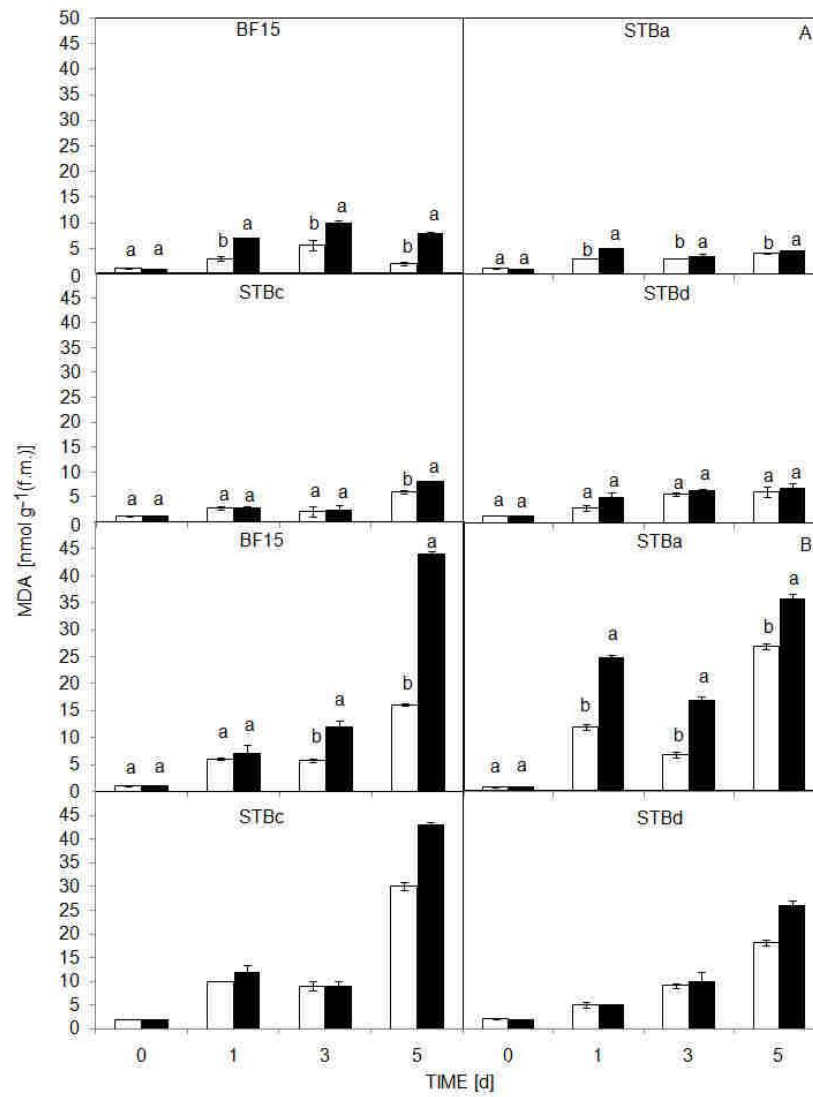


Fig. 3 Suppl. Malondialdehyde (MDA) content in roots (A) and leaves (B) of interspecific somatic potato hybrid lines STBa, STBc, and STBd) and their parent BF15 parent cultivated in vitro on Murashige and Skoog medium without (*white columns*) or with 100 mM NaCl (*black columns*) for 5 d. Means $\pm$ SDs, $n = 10$. Means followed by different letters indicate significant differences between the stressed and control plant ($P \leq 0.05$).