

Supplementary Table S2: Mean performance of the evaluated tomato accessions and the checks for physico-chemical traits.

Accession	Vitamin C (mg 100 g ⁻¹)	β-carotene (mg 100 g ⁻¹)	Lycopene (mg 100 g ⁻¹)	Titrateable acidity (%)	Fruit juice pH	Total soluble solids (°Brix)
NHTO-0199	10.7de	1.5ghi	8.6ij	3.0a	3.2fg	5.0abcd
NHTO-0239	8.0f	1.8ef	6.6kl	2.4cdef	3.7c	4.8cde
NHTO-0259	8.2f	1.5ghi	5.3l	1.8hi	2.8i	5.1abcd
NHTO-0264	11.6cd	1.4hij	31.3cd	2.1defgh	3.4e	4.9bcde
NHTO-0340	10.7d	2.5cd	6.7kl	2.0fghi	3.5d	5.1abcd
NHTO-0342	8.1f	1.6fgh	5.5l	2.2cdefg	3.8c	5.2abc
NHTO-0346	7.7f	2.2d	8.4ij	2.3cdef	3.7c	5.0abcd
NHTO-0350	7.8f	3.4a	9.2i	1.7i	3.1g	4.9bcde
NHTO-0351	8.9ef	1.8ef	34.7b	2.5bcd	3.2fg	5.0abcd
NHTO-0352	12.3abcd	2.8b	30.3de	2.1defgh	3.2fg	5.4a
NHTO-0353	14.0a	1.3ij	14.4h	1.6i	3.1g	5.1abcd
NHTO-0368	13.7ab	1.4hij	27.6f	2.3cdef	3.1g	4.5e
NHTO-0388	8.7f	2.0e	6.0kl	2.1efghi	3.0h	5.1abcd
NHTO-0389	8.3f	1.3ij	4.9l	2.5bcde	2.4j	4.9bcde
NHTO-0390	11.1d	0.8k	7.4jk	1.8hi	3.1g	5.1abcd
NHTO-0400	8.9f	3.2a	5.8kl	2.1efghi	3.2f	5.1abcd
NHTO-0568	13.6ab	1.7fg	37.7a	1.8hi	3.4e	5.0abcd
NHTO-0569	12.2bcd	1.6fgh	9.4i	2.3cdef	3.9b	5.1abcd
NHTO-0570	13.0abc	1.4hij	15.3h	2.3cdef	3.5de	4.9bcde
NHTO-0571	8.4f	2.6bc	17.9g	1.9ghi	3.6d	5.1abcd
NHTO-0572	8.1f	1.4hij	19.3g	2.4cdef	3.5d	5.1abcd
NHTO-0573	10.7d	1.6fg	6.6kl	1.7i	4.1a	5.0abcd
NHTO-0574	8.1f	0.9k	5.3l	2.9ab	4.0a	4.7de
LC CHK-H	13.5ab	1.1j	32.4c	2.6abc	3.4e	5.3ab
LC CHK-Y	13.5ab	2.0e	29.1ef	2.1defgh	3.8c	5.1abcd
Mean	10.39	1.78	15.42	2.19	3.38	5.02

All pairwise comparisons were performed using Tukey's honestly significant difference test at $p < 0.05$. Columns with dissimilar letters are statistically different, whereas columns sharing the same letter are statistically similar.