

Supplementary Table S3: Principal component analysis of the contributions of agronomic and physico-chemical traits to total variation among the tomato accession and checks evaluated.

Traits	PC1	Eigenvectors		
		PC2	PC3	PC4
Number of branches	-0.27	-0.13	-0.33	-0.10
Number of days to flowering (days)	0.33	-0.17	0.08	-0.25
Number of days to maturity (days)	0.33	-0.30	-0.08	-0.04
Fruit length (cm)	0.22	0.27	-0.23	-0.14
Fruit width (cm)	0.29	0.12	0.19	0.25
Number of flowers per cluster	-0.27	-0.16	0.13	-0.31
Number of fruits per cluster	-0.28	-0.29	-0.07	-0.06
Plant height (cm)	-0.32	0.13	-0.05	-0.03
Number of days to first harvest	-0.15	0.42	0.14	0.12
Number of fruits per plot	0.31	-0.28	-0.04	-0.12
Fruit weight per plot (kg)	-0.31	-0.26	-0.01	-0.26
Vitamin C (mg 100 g ⁻¹)	0.13	0.40	-0.21	-0.38
β-carotene (mg 100 g ⁻¹)	-0.07	0.11	0.50	0.18
Lycopene (mg 100 g ⁻¹)	0.04	0.35	-0.23	-0.37
Titrateable acidity (%)	0.04	-0.07	-0.46	0.29
Fruit juice pH	0.28	-0.18	0.06	-0.11
Total soluble solid (°Brix)	0.03	0.02	0.42	-0.49
Eigenvalue	2.50	1.66	1.40	1.17
Proportion of variance (%)	37	16	12	8
Cumulative proportion (%)	37	53	65	73

PC = principal component