

**Table S1.** Standard errors of means (n=3) of the concentration of macro- (K, Na, Ca, Mg and K/Na) and micro- nutrients (Fe, Cu, Mn, Zn) in roots of different tomato landraces.

		Roots								
Salinity Stress	Variety	K (mg/g)	Na (mg/g)	K/Na	Ca (mg/g)	Mg (mg/g)	Fe (µg/g)	Cu (µg/g)	Mn (µg/g)	Zn (µg/g)
Interraction										
0.5 mM NaCl	Chondrokatsari	2.40	1.12	1.18	0.27	0.30	37.89	1.12	7.24	11.52
	Valldemossa (de)	1.53	0.09	0.38	0.45	0.38	35.81	0.40	7.95	8.33
	Areti	3.93	0.66	0.29	0.23	0.07	28.56	0.77	3.05	4.54
	ATS-048/06	4.33	0.05	1.09	0.59	0.26	57.42	1.66	5.14	4.84
	de Ramellet	2.33	0.37	0.19	0.35	0.33	25.16	0.64	9.17	2.78
	Moneymaker	2.03	0.61	0.77	0.51	0.19	35.26	0.16	3.17	9.17
	Cherry-INRAE (2)	1.15	0.30	0.67	0.39	0.27	41.34	1.32	4.97	5.91
	Seccagno PSC1-1	2.73	0.96	4.07	0.17	0.24	42.31	1.80	2.68	10.53
	tomataki	0.58	0.91	2.35	0.49	0.16	33.89	1.83	8.24	12.10
	CC_1791 Allungato a Fiasco	3.21	0.35	1.04	0.37	0.20	14.78	0.59	7.84	6.82
	CC_1665 Pollena	3.53	0.33	4.02	0.34	0.21	40.20	1.29	2.36	6.85
	GR-451/04	0.87	0.66	1.22	0.85	0.08	45.60	0.27	7.07	6.38
	Corbarino	3.79	0.50	1.39	0.48	0.13	69.47	0.75	6.05	8.46
	Cherry-INRAE (1)	1.45	0.10	1.98	0.88	0.25	66.94	1.21	5.25	3.10
	Cherry-INRAE (3)	2.91	0.17	2.12	0.12	0.13	40.64	0.92	6.68	6.76

30 mM NaCl	<b>Cherry-INRAE (4)</b>	3.79	0.69	2.11	0.74	0.22	25.99	0.87	3.48	6.26
	<b>Chondrokatsari</b>	2.60	1.76	0.38	0.13	0.17	16.71	1.93	3.45	8.45
	<b>Valldemossa (de)</b>	1.33	2.29	0.34	0.77	0.10	58.17	0.65	6.67	1.94
	<b>Areti</b>	1.20	1.04	0.21	0.17	0.01	26.09	1.05	1.61	6.00
	<b>ATS-048/06</b>	2.33	0.58	0.18	0.18	0.14	24.14	1.42	5.87	1.60
	<b>de Ramellet</b>	3.48	2.77	0.64	0.70	0.22	14.83	1.22	5.59	9.85
	<b>Moneymaker</b>	2.03	1.88	0.15	0.26	0.12	12.92	2.42	3.10	6.87
	<b>Cherry-INRAE (2)</b>	1.44	1.88	0.42	0.17	0.07	26.85	0.62	4.05	13.52
	<b>Seccagno PSC1-1</b>	2.52	1.61	0.48	0.11	0.04	32.60	0.87	6.44	3.79
	<b>tomataki</b>	0.00	0.43	0.08	0.44	0.07	20.01	0.63	9.23	11.32
	<b>CC_1791 Allungato a Fiasco</b>	1.45	3.56	0.39	0.50	0.16	20.59	1.10	1.70	10.59
	<b>CC_1665 Pollena</b>	0.88	0.17	0.23	0.71	0.17	52.90	1.39	4.95	9.80
	<b>GR-451/04</b>	1.53	2.50	0.41	1.02	0.38	42.11	1.20	3.01	7.85
	<b>Corbarino</b>	3.46	2.74	0.18	0.99	0.11	18.66	1.50	10.66	7.93
	<b>Cherry-INRAE (1)</b>	3.21	1.17	0.23	0.29	0.18	16.88	1.11	8.30	9.80
	<b>Cherry-INRAE (3)</b>	1.76	0.60	0.24	0.38	0.15	21.04	1.06	9.81	9.61
	<b>Cherry-INRAE (4)</b>	2.00	0.33	0.65	0.33	0.25	14.76	0.57	5.16	5.04

**Table S2.** Standard errors of means (n =3) of the concentration of macro- (K, Na, Ca, Mg and K/Na) and micro- nutrients (Fe, Cu, Mn, Zn) in leaves of different tomato landraces.

		Leaves								
		K	Na		Ca	Mg	Fe	Cu	Mn	Zn
Salinity Stress	Variety	(mg/g)	(mg/g)	K/Na	(mg/g)	(mg/g)	(µg/g)	(µg/g)	(µg/g)	(µg/g)
Interraction										
0.5 mM NaCl	Chondrokatsari	9.13	0.11	6.54	3.77	1.20	4.16	1.53	10.74	6.17
	Valldemossa (de)	6.39	0.32	5.84	2.66	0.76	0.83	0.90	12.15	4.57
	Areti	1.86	0.12	1.18	3.81	0.77	2.51	1.01	5.68	4.43
	ATS-048/06	1.53	0.33	0.96	1.26	0.74	5.89	0.51	12.39	7.19
	de Ramellet	1.00	0.05	0.36	1.53	0.51	0.59	0.77	9.25	3.89
	Moneymaker	5.81	0.10	3.20	8.42	0.91	3.96	0.09	16.81	3.21
	Cherry-INRAE (2)	5.51	0.19	4.95	2.76	0.37	3.85	1.20	3.25	12.54
	Seccagno PSC1-1	3.28	0.18	15.69	3.23	1.13	0.74	0.72	30.03	6.55
	tomataki	3.21	0.06	2.12	1.33	0.58	4.63	1.35	13.46	5.60
	CC_1791 Allungato a Fiasco	1.00	0.08	3.07	3.54	0.59	0.99	1.44	13.37	5.71
	CC_1665 Pollena	2.73	0.08	11.92	1.53	0.04	3.73	0.83	14.44	2.65
	GR-451/04	6.08	0.20	17.86	2.98	0.94	3.95	0.47	11.49	3.14
	Corbarino	1.33	0.32	14.74	2.09	0.80	2.45	1.33	18.31	2.72
	Cherry-INRAE (1)	2.60	0.07	9.23	5.55	1.29	4.27	6.72	33.55	5.51
	Cherry-INRAE (3)	4.26	0.10	10.83	1.67	0.61	3.06	0.33	7.07	3.03
	Cherry-INRAE (4)	1.67	0.06	9.26	3.63	0.74	3.63	1.02	16.86	5.33

30 mM NaCl	<b>Chondrokatsari</b>	6.44	2.17	0.60	2.72	0.24	5.44	1.68	27.68	6.01
	<b>Valldemossa (de)</b>	0.88	0.88	0.60	6.09	1.38	3.83	1.25	11.00	1.62
	<b>Areti</b>	1.00	0.29	0.23	3.20	0.49	3.60	1.82	38.40	4.55
	<b>ATS-048/06</b>	1.45	0.76	0.26	1.89	0.17	2.49	1.10	11.72	5.00
	<b>de Ramellet</b>	3.84	1.01	0.52	4.07	1.61	5.47	0.42	20.53	2.92
	<b>Moneymaker</b>	5.04	1.42	0.33	3.81	0.88	7.13	0.85	45.67	4.83
	<b>Cherry-INRAE (2)</b>	1.33	1.20	1.35	4.20	1.73	4.33	1.76	17.53	4.85
	<b>Seccagno PSC1-1</b>	4.81	0.60	0.62	0.52	1.06	5.27	0.78	35.50	9.65
	<b>tomataki</b>	2.03	1.36	0.15	6.48	0.48	1.73	0.83	32.16	0.24
	<b>CC_1791 Allungato a Fiasco</b>	3.53	0.60	0.53	0.72	1.23	4.89	0.24	28.11	7.81
	<b>CC_1665 Pollena</b>	3.06	0.17	1.00	2.23	0.39	3.35	0.56	7.06	6.66
	<b>GR-451/04</b>	2.89	0.07	1.00	1.82	0.54	4.30	0.76	23.99	1.82
	<b>Corbarino</b>	1.53	0.88	0.76	2.91	1.53	4.92	0.67	18.11	3.74
	<b>Cherry-INRAE (1)</b>	6.01	0.76	0.28	3.67	0.54	7.87	2.42	12.49	3.56
	<b>Cherry-INRAE (3)</b>	1.45	0.03	0.59	3.13	0.30	2.47	0.16	13.01	2.09
	<b>Cherry-INRAE (4)</b>	1.00	0.17	0.87	4.02	1.10	3.36	0.89	7.85	4.51

**Table S3.** Standard errors of means (n =3) of the concentration of macro- (K, Na, Ca, Mg and K/Na) and micro- nutrients (Fe, Cu, Mn, Zn) in fruit of different tomato landraces.

		Fruit								
Salinity Stress	Variety	K (mg/g)	Na (mg/g)	K/Na	Ca (mg/g)	Mg (mg/g)	Fe (µg/g)	Cu (µg/g)	Mn (µg/g)	Zn (µg/g)
Interraction										
0.5 mM NaCl	Chondrokatsari	0.65	0.07	10.94	0.02	0.07	3.24	0.34	0.20	0.99
	Valldemossa (de)	2.12	0.12	6.14	0.00	0.09	5.39	0.18	0.86	0.99
	Areti	1.08	0.03	5.91	0.02	0.08	4.71	0.43	0.36	0.60
	ATS-048/06	0.63	0.05	5.36	0.01	0.06	1.80	0.11	0.55	0.88
	de Ramellet	1.31	0.04	3.33	0.00	0.07	6.61	0.73	0.72	2.95
	Moneymaker	2.08	0.05	6.78	0.00	0.08	1.57	0.47	0.32	1.05
	Cherry-INRAE (2)	0.82	0.07	7.84	0.01	0.08	3.33	0.25	1.39	0.91
	Seccagno PSC1-1	1.39	0.03	3.26	0.04	0.06	2.90	0.43	0.28	0.98
	tomataki	2.14	0.03	1.66	0.02	0.06	1.25	0.53	0.65	1.10
	CC_1791 Allungato a Fiasco	0.75	0.01	1.03	0.00	0.05	1.73	0.34	0.49	0.84
	CC_1665 Pollena	1.78	0.07	12.36	0.01	0.07	3.07	0.74	0.41	0.91
	GR-451/04	1.03	0.04	9.26	0.02	0.06	5.14	0.40	0.91	1.35
	Corbarino	1.25	0.05	12.27	0.00	0.06	3.57	0.54	0.28	0.41
	Cherry-INRAE (1)	0.95	0.03	7.99	0.02	0.09	1.47	0.33	0.31	0.80
	Cherry-INRAE (3)	0.75	0.17	15.90	0.02	0.03	1.21	0.60	0.35	1.72
Cherry-INRAE (4)	1.20	0.04	9.55	0.02	0.09	3.14	0.54	0.50	0.64	

30 mM NaCl	<b>Chondrokatsari</b>	1.31	0.13	1.29	0.02	0.06	7.44	0.62	0.48	1.36
	<b>Valldemossa (de)</b>	0.41	0.11	2.59	0.00	0.02	2.55	0.37	0.53	1.73
	<b>Areti</b>	0.85	0.11	2.72	0.01	0.07	2.66	0.19	0.55	0.94
	<b>ATS-048/06</b>	2.61	0.11	2.65	0.02	0.10	3.45	0.43	0.64	1.37
	<b>de Ramellet</b>	0.75	0.10	2.37	0.00	0.03	6.17	0.49	0.54	1.94
	<b>Moneymaker</b>	1.44	0.13	2.12	0.00	0.06	0.86	0.69	0.67	1.35
	<b>Cherry-INRAE (2)</b>	2.89	0.09	1.10	0.01	0.05	2.28	0.51	0.62	1.08
	<b>Seccagno PSC1-1</b>	1.60	0.09	1.79	0.01	0.05	2.84	0.32	0.27	1.31
	<b>tomataki</b>	1.35	0.07	0.92	0.01	0.04	3.85	0.24	0.51	1.08
	<b>CC_1791 Allungato a Fiasco</b>	0.71	0.10	4.00	0.03	0.04	1.95	0.33	0.39	0.74
	<b>CC_1665 Pollena</b>	0.71	0.02	1.51	0.00	0.03	1.20	0.47	0.13	0.21
	<b>GR-451/04</b>	1.80	0.22	10.02	0.02	0.05	1.95	0.47	0.39	0.94
	<b>Corbarino</b>	0.75	0.09	6.58	0.02	0.04	3.34	0.51	0.36	0.99
	<b>Cherry-INRAE (1)</b>	0.95	0.03	2.17	0.01	0.02	2.52	0.19	0.24	0.63
	<b>Cherry-INRAE (3)</b>	0.41	0.04	1.18	0.02	0.03	1.97	0.26	0.31	0.16
	<b>Cherry-INRAE (4)</b>	1.20	0.04	3.10	0.01	0.04	1.85	0.31	0.37	0.28