

Supplementary Table

Morphological and molecular genetic variation in wheat for salinity tolerance at germination and early seedling stage

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Supplementary Table 1a. Analysis of variance of six traits studied in 172 wheat landraces/cultivars under 200 mM NaCl stress

Source of variation	Sum of Squares (% of total)						
	d.f.	Germ %	GRI	PFW (mg/p)	RFW (mg/p)	PDW (mg/p)	RDW (mg/p)
Genotype (G)	171	73.37**	51.91**	37.38**	63.73**	51.70**	54.41**
Treatment (T)	1	8.51**	23.80**	45.64**	19.12**	30.31**	28.82**
G × T	171	7.71**	10.70**	14.56**	15.25**	10.94**	12.54**
Error	688	10.41	13.59	2.41	1.90	7.05	4.22
Total sum of squares	1031	438832	903.9	407455	504547	2263	2658

Supplementary Table 1b. Analysis of variance for six traits studied in 34 wheat landraces/cultivars under 250 mM NaCl stress

Source of variation	Sum of Squares (% of total)						
	d.f.	Germ %	GRI	PFW	RFW	PDW	RDW
Genotype (G)	33	27.15**	13.72**	9.28**	42.77**	13.30**	38.04**
Treatment (T)	1	46.93**	73.88**	82.72**	13.63**	58.31**	17.81**
G × T	33	20.42**	11.89**	7.15**	37.50**	14.47**	32.28**
Error	68	5.50	0.51	0.86	6.10	13.92	11.86
Total sum of squares	135	80023	166	197046	25950	26925	2605

Supplementary Table 1c. Salt tolerance trait indices (STTIs) of six traits studied in seven wheat landraces/cultivars under 300 mM NaCl stress

** Significant at 1% probability level

Source of variation	% Sum of square						
	d.f.	Germ %	GRI	PFW	RFW	PDW	RDW
Genotype (G)	6	32.25**	14.86**	2.00**	60.32**	18.29**	33.90**
Treatment (T)	1	56.06**	76.48**	93.92**	25.96**	68.98**	31.72**
G × T	6	8.62**	6.42**	3.17**	2.54**	9.89**	9.92**
Error	14	3.07	2.25	0.90	11.18	2.84	27.46
Total sum of squares	27	17896	28	41705	988	59.82	286

Germ %=germination percentage, GRI=germination rate index, PFW=plumule fresh weight (mg plant per plant), RFW=radicle fresh weight (mg plant per plant), PDW=plumule dry weight (mg plant per plant), RDW=radicle dry weight (mg plant per plant)