

Table S4: Prediction screening showing the contribution of different traits among the wheat genotypes under salt stress condition.

Traits	Contribution	Portion		Rank
Shoot K ⁺	4716.38	19.13	+++++	1
MSI	3058.19	12.4	+++++	2
RWC_R	2543.49	10.32	+++++	3
Root Ca ⁺	2303.86	9.34	+++++	4
Na ⁺ /Ca ⁺ _R	1905.54	7.73	+++++	5
Root K ⁺	1832.26	7.43	+++++	6
PS	1493.45	6.06	+++	7
R/S	1172.85	4.76	++	8
RWC_T	917.11	3.72	++	9
RWC_S	554.56	2.25	+	10
TFW	551.86	2.24	+	11
K ⁺ /Na ⁺ _S	542.39	2.2	+	12
Root Na ⁺	443.92	1.8	+	13
RL	388.58	1.58		14
K ⁺ /Na ⁺ _R	367.45	1.49		15
SFW	328.3	1.33		16
RDW	270.54	1.1		17
SL	257.22	1.04		18
Na ⁺ /Ca ⁺ _S	211.25	0.86		19
TDW	196.73	0.8		20
Shoot Na ⁺	185.5	0.75		21
SDW	146.83	0.6		22
Shoot Ca ⁺	140.53	0.57		23
RFW	64.77	0.26		24
CHL	64.05	0.26		25
(+) sign represents the significant contribution of traits at $p \leq 0.0001$ level with the respect of salt stress response.				