

Table S1. Mean values for various morpho-physiological traits at the seedling stage under control environment in Cocodrie x Dular RIL population

Traits ^a	Cocodrie Mean	Dular Mean ^b	RIL Mean	Heritability
SNC (mmolkg ⁻¹)	1225.38	1039.29 ^{ns}	1301.56	0.84
SKC (mmolkg ⁻¹)	738.27	673.72 ^{ns}	692.53	0.93
SNK (ratio)	1.26	0.98 ^{ns}	1.17	0.68
AKT	1	1 ^{ns}	1.7	0.94
log_CHL	1.57	1.53 ^{ns}	1.56	0.87
log_SHL	1.55	1.53 ^{ns}	1.51	0.83
RTL (cm)	16.9	16.2 ^{ns}	17.63	0.89
DW (g)	48.3	50.1 ^{ns}	52.87	0.92
RSR (ratio)	0.51	0.48 ^{ns}	0.47	0.81

^a

^aSNC, shoot Na⁺ concentration; SKC, shoot K⁺ concentration; SNK, shoot Na⁺:K⁺ ratio; AKT, alkalinity tolerance score; log_CHL, log chlorophyll content; log_SHL, log shoot length; RTL, root length; DW, Dry weight; RSR, root to shoot ratio

^bt-test between Cocodrie and Dular; ^{ns} Nonsignificant