

Appendix F Analysis of variance (ANOVA) for the investigated seedling phenotypic traits under two N regimes (n = 18, range = 8 to 36). Trait as described in Table 1. Note: shoot data available for low N treatment only.

Trait	Source of variation			Heritability (h ² B)
	Genotype	Treatment	G×N-treatment	
RTLA	39.47***	0.69	2.92***	0.97
RTLS	38.14***	9.4**	2.57***	0.97
RTLL	21.55***	52.14***	5.34***	0.94
RSC	5.46***	4.25*	2.05***	0.78
RLC	21.47***	0.69	4.31***	0.94
RMW	14.34***	12.76***	1.84***	0.93
RMD	42.75***	91.04***	3.42***	0.97
RMWD	3.1***	74.42***	1.45**	0.62
RCMX	2.05***	6.51*	1.09	0.40
RCMY	42.44***	2.62	3.72	0.97
RCH	28.36***	1.06	2.59**	0.96
RCHCX	2.54***	0.29	1.14	0.54
RCHCY	45.91***	11.94***	3.48***	0.97
RAE1	4.62***	1.25	2.97***	0.64
RAE2	2.74***	8.34**	1.72***	0.52
RAE951	3.39***	43.39***	1.72***	0.65
RAE952	2.34***	56.19***	1.56***	0.54
RAE251	3.43***	45.19***	1.33*	0.66
RAE252	2.74***	66.13***	1.27*	0.63
RAE501	2.99***	56.52***	1.15	0.65
RAE502	2.59***	27.24***	1.22	0.56
RAE751	2.87***	36.73***	1.16	0.62
RAE752	2.6***	2.09	1.28*	0.54
RAE1001	2.87***	14.84***	1.15	0.61
RAE1002	2.74***	6.28*	1.29*	0.51
SA	5.8***			0.84
SH	3.92***			0.77

***denotes p<0.001; ** p<0.01; *p<0.05