

Table S1. Analysis of variance for grain yield. Abbreviations: df – degree of freedom.

Source of variation	df	Sum of Sq	Wald statistic Pr (Chisq)
(Intercept)	2	30803.7	27819.3 < 2.2e-16 ***
Location (Loc)	2	536.86	484.95 < 2.2e-16 ***
Tester (T)	1	269.85	243.75 < 2.2e-16 ***
Landrace (Lan)	36	513.45	463.65 < 2.2e-16 ***
Loc:Rep	2	2.1	1.8 0.53537
Loc:T	2	0.3	0.3 0.66503
Loc:Lan	72	99.15	89.55 0.007782 **
T:Lan	36	174.15	157.2 1.2e-08 ***
Loc:T:Lan	72	63.9	57.75 0.358887
Residual (MS)		1.1	