

Table 1 Variance (ANOVA) of the main characters of transferred lines with their receptor

Material	Source	df	The main characters <i>MS</i>				
			Filled grains per panicle	1 000-grain weight (g)	Plant height (cm)	Panicle length (cm)	Duration from seeding to heading (d)
'Liaoyan28' and transferred lines	Block	1	5.28	0.005	6.3	1.4	3.13
	Material	15	511.34**	5.77 **	120.26 **	7.27**	456.97 **
	Error	15	2.28	0.74	4.25	0.69	0.26
	Total	31	248.7	3.15	60.45	3.9	221.34
'Liaoyan6' and transferred lines	Block	1	8.6538	0.0385	0.1112	0.0754	2.4615
	Material	12	2691.46 **	8.13 **	79.73 **	17.42**	252.54 **
	Error	12	3.49	0.24	2.28	0.64	0.63
	Total	25	1293.92	4.02	39.37	8.67	121.62

Note: **: Significant at 0.01 probability level