Table S1. ANOVA for SR with ten replications in RIL population.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Factor | DF | Sum of squares | Mean squares | *F* value | Probability |
| Line | 138 | 662.1 | 4.80 | 8.05 | 0.00 |
| Residuals | 1251 | 745.4 | 0.60 |  |  |

The proportion of phenotypic variance explained by genetic variance is calculated as (SS Line) / (SS Line + SS Residuals) = 0.47.