**Table S2** ANOVA for the arcsine transformed haploid male fertility values.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Source | DF | SS | MS | F value | P |
| Year | 1 | 19609.02 | 19609.02 | 412.76\*\* | <0.0001 |
| Genotype | 480 | 77751.32 | 161.98 | 3.41\*\* | <0.0001 |
| Background | 1 | 25987.77 | 25987.77 | 547.03\*\* | <0.0001 |
| Genotype×Background | 480 | 29048.70 | 60.52 | 1.27\*\* | 0.0013 |
| Error | 821 | 39003.22 | 47.51 |  |  |
| Total | 1783 | 198151.90 |  |  |  |

\*\* indicates significance at *P* ≦ 0.01