**Table S5**. Two‐way analysis of variance (ANOVA) of maize ear rot resistance tests. DF = degree of freedom, Sum Sq= sum of squares, Mean sq= mean squares, \*Significantly different at 0.05 probability level.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Source of variance** | **Df** | **Sum Sq** | **Mean Sq** | **F value** | **Pr(>F)** |
| Genotype | 1 | 19045 | 19045 | 245.86 | 3.92e-11\* |
| Doses | 1 | 7678 | 7678 | 99.12 | 2.92e-08\* |
| Genotype:Doses |  | 6493 | 6493 | 83.82 | 9.24e-08 \* |
| Residuals | 16 | 1239 | 77 |  |  |