**Table S4.** Two‐way analysis of variance (ANOVA) of of Stalk rot resistance assay. 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)** |
| 1st internode |  |  |  |  |  |
| Genotype | 1 | 3906 | 3906 | 71.144 | 1.72e-11\* |
| Doses | 3 | 1539 | 513 | 9.346 | 4.33e-05\* |
| Genotype:Doses | 3 | 2584 | 861 | 15.692 | 1.7e-07\* |
| Residuals | 55 | 3019 | 55 |  |  |
| 2nd internode |  |  |  |  |  |
| Genotype | 1 | 7447 | 7447 | 129.771 | 2.56e-16\* |
| Doses | 3 | 1435 | 478 | 8.338 | 0.00011\* |
| Genotype:Doses | 3 | 1933 | 644 | 11.227 | 6.85e-06 |
| Residuals | 57 | 3271 | 57 |  |  |

\*Significantly different at 0.01 probability level.