**Table S5.** Proportion of symptomatic leaves and root vascular discoloration on lettuce line PI 251246 3 weeks following inoculation with wild type (VdLs.17) and glucosyltransferase knockout mutants Δ*GT-A* and Δ*GT-B* of *Verticillium dahliae* in a soilless growth chamber assay

|  |  |  |
| --- | --- | --- |
| Treatment |  | Proportion Symptomatic Leaves |
|  | Number of |  |  |  | 99 % confidence interval |
|  | Plants | Median | Maximum | REa | lower | upper |
| Δ*GT-A* | 44 | 0.3 | 0.4 | 0.43 | 0.19 | 0.78 |
| Δ*GT-B* | 44 | 0.3 | 0.4 | 0.46 | 0.21 | 0.76 |
| Vd.Ls17 | 43 | 0.4 | 0.5 | 0.61 | 0.24 | 0.81 |
| Waterb | 44 | 0.1 | 0.2 |   |   |   |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Treatment |  | Proportion Discolored Roots |
|  | Number of |  |  |  | 99 % confidence interval |
|  | Plants | Median | Maximum | RE | lower | upper |
| Δ*GT-A* | 44 | 0.40 | 0.70 | 0.41 | 0.19 | 0.77 |
| Δ*GT-B* | 44 | 0.40 | 0.60 | 0.43 | 0.22 | 0.72 |
| Vd.Ls17 | 43 | 0.60 | 0.90 | 0.67 | 0.27 | 0.82 |
| Waterb | 44 | 0.00 | 0.00 |   |   |   |

a The relative effect (RE) and 95% confidence intervals were calculated from the analysis of rank values of the leaf symptom and root vascular discoloration data. Higher RE indicates a higher proportion of symptomatic leaves or higher proportion of plants with root vascular discoloration.

b Water control was deleted from the data set prior to analysis, since this treatment would always have the lowest rank, the program cannot calculate CI.

P-value for difference among treatments VdLs.17, ΔGT-A, and Δ*GT-B* in Proc Mixed were > 0.05.