

Havenga et al. Genetic recombination in *Teratosphaeria destructans* causing a new disease outbreak in Malaysia

TABLE S3. Probability of the occurrence and repeated occurrence of multilocus genotypes (MLGs) in the *Teratosphaeria destructans* Malaysian dataset, calculated in MLGsim 2.0.

| MLG | Number of isolates | P_{sex}^a | P value for P_{sex} | Significance Level ^b | P_{Gen}^c |
|-------|--------------------|-------------|-------------------------|---------------------------------|-----------------------|
| MLG19 | 1 | - | - | - | 0.0024 |
| MLG20 | 2 | 0.212 | 0.391 | NS | 0.0209 |
| MLG21 | 1 | - | - | - | 0.0061 |
| MLG22 | 11 | 0.155 | 0.336 | NS | 0.1937 |
| MLG23 | 4 | 0.197 | 0.375 | NS | 0.0562 |
| MLG24 | 2 | 0.059 | 0.166 | NS | 0.0096 |
| MLG25 | 1 | - | - | - | 0.0469 |
| MLG26 | 1 | - | - | - | 0.0080 |
| MLG27 | 1 | - | - | - | 0.0002 |
| MLG28 | 1 | - | - | - | 0.0164 |
| MLG29 | 6 | 0.604 | 0.818 | NS | 0.1516 |
| MLG30 | 1 | - | - | - | 0.0210 |
| MLG31 | 1 | - | - | - | 0.0036 |
| MLG32 | 1 | - | - | - | 0.0049 |
| MLG33 | 2 | 0.447 | 0.681 | NS | 0.0367 |
| MLG34 | 1 | - | - | - | 0.0051 |
| MLG35 | 1 | - | - | - | 0.0107 |
| MLG36 | 1 | - | - | - | 0.0021 |
| MLG37 | 1 | - | - | - | 0.0002 |
| MLG38 | 1 | - | - | - | 2.07×10^{-5} |

^a Probability of the obtaining observed number of identical genotypes as a result of random mating

^b Significance level of the observed P-values. NS - Not significant ($P > 0,05$)

^c Probability of the MLG occurring in the dataset