Table S8. List of mutations that are found in coding sequences with T-DNA insertion lines available

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Locus** | **Strain** | **Chr.** | **Position** | **Change** | | **Type** | **Freq** | **Exon Rank** | **Effect** | **T-DNA** | | | |
| **ID** | **Position** | **Distance** | **Phenotypic defects** |
| **MGG\_01344T0** | **S20-1** | supercont8.2 | 3187723 | A | C | SNP | <1 | 1 | Nonsynonymous | ATMT0207B6 | 5' | 1337bp | Pathogenicity |
| **MGG\_03703T0** | **S10-1** | supercont8.4 | 969548 | T | C | SNP | 1 | 2 | Nonsynonymous | ATMT0047B3 | 5' | 306bp | Pathogenicity |
| **S10-2** | supercont8.4 | 969548 | T | C | SNP | 1 | 2 | Nonsynonymous |
| **S10-3** | supercont8.4 | 969548 | T | C | SNP | 1 | 2 | Nonsynonymous |
| **S20-1** | supercont8.4 | 969548 | T | C | SNP | 1 | 2 | Nonsynonymous |
| **S20-2** | supercont8.4 | 969548 | T | C | SNP | 1 | 2 | Nonsynonymous |
| **S20-3** | supercont8.4 | 969548 | T | C | SNP | 1 | 2 | Nonsynonymous |
| **MGG\_04923T0** | **S20-1** | supercont8.3 | 3965142 | G | A | SNP | 1 | 2 | Nonsynonymous | ATMT0057B2 | 5' | 839bp | Appressorium, Pathogenicity |
| **MGG\_06064T0** | **S10-1** | supercont8.3 | 2445604 | G | A | SNP | 1 | 3 | Nonsynonymous | ATMT0045B1 | 5' | 859bp | Appressorium, Pathogenicity |
| **S10-2** | supercont8.3 | 2445604 | G | A | SNP | 1 | 3 | Nonsynonymous |
| **S10-3** | supercont8.3 | 2445604 | G | A | SNP | 1 | 3 | Nonsynonymous |
| **S20-1** | supercont8.3 | 2445604 | G | A | SNP | 1 | 3 | Nonsynonymous |
| **MGG\_08208T0** | **S20-1** | supercont8.2 | 6082401 | A | C | SNP | <1 | 1 | Synonymous | ATMT0457B6 | Exon | 0 | No defect |
| **MGG\_13324T0** | **S20-1** | supercont8.3 | 67254 | \* | +G | INS | 1 | 2 | Frame shift | ATL0379 | Exon | 0 | Not available |
| **MGG\_15990T0** | **S20-1** | supercont8.1 | 194398 | \* | -ACA | DEL | 1 | 1 | Codon deletion | ATMT0215B6 | 5' | 362bp | Growth, Pathogenicity |