**Supplemental Table 5.** Primer combinations used to genotype mutations by PCR.

| Mutant | Marker | Enzyme | Forward and Reverse Primers (5' to 3') |
|---|---|---|---|
| *sid2-1* | Caps | Mfe1 | F: TGTCTGCAGTGAAGCTTTGG<br>R: CACAAACAGCTGGAGTTGGA |
| *jar1-1* | Caps | HindIII | F: CAGTGTGTGTGTTTTTGATCATAAGCT<br>R: CAAATTTAAACTATACCTGTTTCTGAAGG |
| *eds1-1* | Dcaps | HindIII | F: CGAAGGGGACATAGATTGGA<br>R: CTTTTCATGTACGGCCCTGT |
| *coi1-1* | Dcaps | Xcm1 | F: GGTTCTCTTTAGTCTTTAC<br>R: CAGACAACTATTTCGTTACC |
| *npr1-1* | Caps | NlaIII | F: AGGCACTTGACTCGGATGAT<br>R: ATGCACTTGCACCTTTTTCC |
| *pad4-1* | Caps | BsmfI | F: GCGATGCATCAGAAGAG<br>R: TTAGCCCAAAAGCAAGTATC |
| *NahG* | Presence/absence | | F: CTGCCGCTACTCCCATATCCA<br>R: TCGGCTTCGGCTCGCTAC |
| *Etr1-1* | Dcaps | ApaLI | F: AAGTTAATAAGATGAGTTGGTGCA<br>R: AGAAATCAGCCGTGTTTCCG |
| *sgt1b-1* | Caps | AvrII | F: GGAGAGAGACAAATTCGAGCAG<br>R: GTACCTAAGGAGAACGTAACTGTC |
| *rar1-10* | 5 bp deletion | | F: CCAGTACAAAAGGCTGTGAT<br>R: ACAGTGAAAGAAAAGGGTCA |
| *pen1-1* | Dcaps | MluI | F: GAAACACTCTCTTCATGTCACGCG<br>R: GAGGACAGAGGTCCTGGTTCG |
| *pen2-3* | Caps | BsmAI | F: TGGCAAAAGGGATAGAGGAG<br>R: CTGTAGACCCACGGCTCATT |
| *pen3-1* | Caps | HphI | F: TGAAAGCTTCTGCTGCTCAA<br>R: TGAGGTGAACGATTTGTTGC |