Table S4: List of primers

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| primers | Sequences (5’-3) |
| Genotyping of transposon insertion line RATM16-0018-1 | |
| LP2GxROXY19 | GATTTTTGATCACTAAGAATATAATGTC |
| Ds3-2a | CCGGATCGTATCGGTTTTCG |
| RPGxROXY19 | CCTCATCAATCTCAAGGACCG |
| Plasmid cloning | |
| p1 | TCGCGTTAACGCTAGCATGGATCTC |
| p2 | GTAACATCAGAGATTTTGAGACAC |
| p3 | CGGAGAGGATCTTCCATGTCTCATGTGG |
| p4 | CCACATGAGACATGGAAGATCCTCTCCG |
| p5 | CCAGCTGAGAGATCTTTCTTGTGG |
| p6 | CCACAAGAAAGATCTCTCAGCTG |
| Quantitative RT PCR analysis | |
| CYP81D11 | QT00781662 (Qiagen) |
| OPR2 | QT00894768 (Qiagen) |
| ANAC032 | QT00743561(Qiagen) |
| ROXY19 | QT00869715 (Qiagen) |
| endogenous ROXY19 | TTGGAGGGTTAGATAGGGTTATGG CGTAAACAACAATTACCAATCAAGATTC |
| UBQ5 | GACGCTTCATCTCGTCC  GTAAACGTAGGTGAGTCCA |