**Supplementary Table 1: Primer sequences**

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| **Primer name** | **GSP Number** | **Usage** | **Primer Sequence (5' to 3')** |
| Sc-F-MepCheck | GSP562 | Genotyping/Sequencing | CGTTGACAACAGATTTGAATACACAAT |
| Sc-R-MepCheck | GSP563 | Genotyping | GTGTGCACAGTTAAAGTCATCGA |
| Su-F-MepCheck | GSP564 | Genotyping | CCACAGACTTAAACACCCAATATG |
| Su-R-MepCheck | GSP565 | Genotyping | GCATGCATGTGTAAAGCCGGTC |
| MEP-Seq-2R | GSP566 | Sequencing | CATTATACTATATGGTCAGTGTTC |
| qScerMEP-1 | GSP567 | qRT-PCR | GTTCTCTTCCCGATATACTGTTT |
| qScerMEP-2 | GSP568 | qRT-PCR | CAGCATGCAATAGGACAATAAAC |
| qSuvaMEP-1 | GSP569 | qRT-PCR | GCTCATTGCCTGACATCTTA |
| qSuvaMEP-2 | GSP570 | qRT-PCR | AGCAAGCAATTGGACAGTAGAC |
| qSuvaYDR458c-1 | GSP558 | qRT-PCR | TCGTTTGGTTGCCTTTGGAC |
| qSuvaYDR458c-2 | GSP559 | qRT-PCR | ACTTCTTTAGCCCCTCCTGA |
| qScerTFC1-1 | GSP571 | qRT-PCR | GATAATGTCCCCTCTGCAAGA |
| qScerTFC1-2 | GSP572 | qRT-PCR | GCGGCAGTTGGAAATCTGTA |