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| **Gene** | **Purpose** | **Primer Sequence (5’ 🡪 3’)** |
| *Sopen02g027600*  (ubiquitin) | qRT-PCR | CAAGTAGACCACCACCACTTC |
| CTGATGCCGCTCCAAATGT |
| *Sopen12g002290*  (SpASAT1) | qRT-PCR | CCAAACTGTAACCATCACTAACCTTG |
| GTCGCAGCTAAACTTTGTCATTTTG |
| *Sopen05g009610*  (SpKAR) | qRT-PCR | TGGCCAAGGAATATGCAAGTAG |
| CTAGCTTAGCAGTCATATCGGATG |
| *Sopen07g006810*  (SpRbcS) | qRT-PCR | CAACTGAGCTCTAGCCTTAAGAG |
| GCTATTACCACTTACTGCCTTG |
| *Sopen08g002520*  (KAS III) | qRT-PCR | GTGTTCCAATACTGCTAAAGGTG |
| GGTAACTCTCAGGCTTGGTAC |
| *Sopen12g004240*  (KAS IV/II-like) | qRT-PCR | GGCTAAGTTTCAGTATTCCAAGAC |
| TTGTGCACTGCCACTAAATG |
| *Sopen11g007710*  (PMP22) | qRT-PCR | CTGGGAAAAAGGACAAATACATCC |
| ACCAATATCCCAAGAGTATGACG |
| *Sopen05g008450*  (AP2) | qRT-PCR | AGGAGACAACATAATGGGAGAC |
| CCTGCAAGATGTAGTACAAAGC |
| *Sopen02g027670*  (AAE\_1) | qRT-PCR | ACCTCTTCTTGTTGTGATCTCTG |
| CACTATTACCACTTTCCAGGAGG |
| *Sopen02g027680*  (AAE\_2) | qRT-PCR | CGTTGACCAGCAGTTGTTTG |
| ACAGGAGGCGGTAGATTTTC |
| *Sopen07g023200*  (AAE\_3) | qRT-PCR | ACTTACAGTGGTGCTACGAC |
| CCTTGTCTTGATTTAAGCACAGC |
| *Sopen07g023220*  (AAE\_4) | qRT-PCR | ACTTATAGTGCTGCTACGAGTTG |
| CTTGTCTTGATTTAAGCGCTGC |
| *Sopen04g005380*  (ABC\_1) | qRT-PCR | GTTTCATCCTCGCCACCTTG |
| TTGTAGACATGGCAAACGCG |
| *Sopen12g034820*  (ABC\_2) | qRT-PCR | GCTTTGGGATCAATGTATACTCCT |
| CAAAGGCGTAAGGGATGGC |
| *Sopen03g001870*  (ABC\_3) | qRT-PCR | GTGGAGTTGGTTTAGGCTTCAG |
| GCCATCGTTAGAGCAAAAAAGAC |
| *Sopen05g009610*  (SpKAR) | VIGS | CGACGACAAGACCCTCCTGCCACTGTTTAGTAGTC |
| GAGGAGAAGAGCCCTCTGCTTCTGGATCGGC |
| *Sopen07g006810*  (SpRbcS) | VIGS | CGACGACAAGACCCTTCCACAGTGTCCAATATCTCCC |
| GAGGAGAAGAGCCCTCACTCTCCTTTGTCCTCTTATG |