Table S1. Sequences of primers used for cloning genes and vectors construction and qRT-PCR

| Primer name | Sequence | Description |
|---|---|---|
| PpERF.A1OEF | ccggaattcATGTTCGGACAGAGTGGAACAGA | Primers used for inserting PpERF.A1 into vector pSAK277 |
| PpERF.A1OER | gctctagaTCAGCTCACTAATAACTGCTCGC | |
| PpERF.A2OEF | ccggaattcATGATTATGAGTGATAATAATCAATCTCTGA | Primers used for inserting PpERF.A2 into vector pSAK277 |
| PpERF.A2OER | gctctagaCTAGCTCACCAATAGTTGCTCGC | |
| PpERF.B1OEF | ccggaattcATGCATGCCAATCAACTCTCCT | Primers used for inserting PpERF.B1 into vector pSAK277 |
| PpERF.B1OER | gctctagaTCAAGGCTTCAAGAGTTCGGTT | |
| PpERF.B2OEF | ccgctcgagATGGCAACAGAGCATGAAGAAAC | Primers used for inserting PpERF.B2 into vector pSAK277 |
| PpERF.B2OER | gctctagaTTATGTAACCATAAGCTGAGGAAATCC | |
| PpERF.B3OEF | cccaagcttATGGCTTTGAGCTCAGACATGG | Primers used for inserting PpERF.B3 into vector pSAK277 |
| PpERF.B3OER | gctctagaTCACACGACCATAAGTTGTGGAT | |
| PpERF.E1OEF | ccggaattcATGTGTGGCGGTGCTATTCTCT | Primers used for inserting PpERF.E1 into vector pSAK277 |
| PpERF.E1OER | gctctagaTTACGGAGCAGAAACGCGGT | |
| PpERF.E2OEF | ccgctcgagATGTGTGGAGGTGCTATAATATCCG | Primers used for inserting PpERF.E2 into vector pSAK277 |
| PpERF.E2OER | gctctagaTCAGAAACCTCCCCCAATCAG | |
| PpERF.E3OEF | ccggaattcATGTGTGGTGGCGCTATCATT | Primers used for inserting PpERF.E3 into vector pSAK277 |
| PpERF.E3OER | gctctagaTTAATACAGCTGCTGACCCTGCT | |
| PpERF.F1OEF | ccggaattcATGCGGCGAGGAGGCAGA | Primers used for inserting PpERF.F1 into vector pSAK277 |
| PpERF.F1OER | gctctagaTTAGAGGCACAAAGCGGTGG | |
| PpERF.F2OEF | ccggaattcATGAGGAGGGGCAGAGGAGC | Primers used for inserting PpERF.F2 into vector pSAK277 |
| PpERF.F2OER | gctctagaTCAGAGGCATAGAGCCGTACATC | |
| PpERF.F3OEF | ccggaattcATGGCGCCGAGAGAGAAGAC | Primers used for inserting PpERF.F3 into vector pSAK277 |
| PpERF.F3OER | gctctagaTCAAGCGAGCTCCGGAGGT | |
| PpERF.F4OEF | ccggaattcATGGCGACTGCTTCTTCATCTC | Primers used for inserting PpERF.F4 into vector pSAK277 |
| PpERF.F4OER | gctctagaTCACAGCCACAAGGGTGGG | |
| PpEIL1OEF | cccaagcttATGGGTGACGTTGAAGAGGTTG | Primers used for inserting PpEIL1 into vector pSAK277 |
| PpEIL1OER | ccgctcgagTTATGCCGCAAAGTATTCCATC | |
| PpEIL2OEF | ccggaattcATGGGGATCTTTGAAGAAATGG | Primers used for inserting PpEIL2 into vector pSAK277 |
| PpEIL2OER | gctctagaTCAGATCCAAAATGCATCTTGC | |
| PpEIL3OEF | ccggaattcATGGGGATCTTTGAGGAAATGG | Primers used for inserting PpEIL3 into vector pSAK277 |
| PpEIL3OER | gctctagaTTATGGGAACCAAAAGGATGCA | |
| proACS1P0F | cgcggatccTCCGTTCCTTGGCACTATGGT | Forward primer for proACS1P0-pGreenII0800LUC+ |
| proACS1P1F | cgcggatccGAAGTAATCGGTGACATGTTAAATTC | Forward primer for proACS1P1-pGreenII0800LUC+ |
| proACS1P2F | cgcggatccCTATACTAATATGGGCCAAACCAAT | Forward primer for proACS1P2-pGreenII0800LUC+ |
| proACS1P3F | cgcggatccAATAGATATATCGTTAAATTTATTGTGTGAA | Forward primer for proACS1P3-pGreenII0800LUC+ |
| proACS1R | GAGCCCATGGTCTTGGTTCCAAAG | Reverse primer for proACS1-pGreenII0800LUC+ |
| ProACO1F | cgcggatccTTGGCTAAGTCACATCAAGGCA | Forward primer for proACO1-pGreenII0800LUC+ |
| ProACO1R | GTTCTCCATGGCTCTCTCTCTCTTTGTG | Reverse primer for proACO1-pGreenII0800LUC+ |
| PpERF.B2BDF | ggaattccatatgATGGCAACAGAGCATGAAGAAAC | Primers used for inserting PpERF.B2 into vector pGBKT7 |
| PpERF.B2BDR | acgcgtcgacTTATGTAACCATAAGCTGAGGAAATCC | |

| | | |
|---|---|---|
| PpERF.E2BDF | ggaattccatatgATGTGTGGAGGTGCTATAATATCCG | Primers used for inserting PpERF.E2 into vector pGBKT7 |
| PpERF.E2BDR | acgcgtcgacTCAGAAACCTCCCCCAATCAG | |
| PpERF.F1BDF | ggaattccatatgATGCGGCGAGGAGGCAGA | Primers used for inserting PpERF.F1 into vector pGBKT7 |
| PpERF.F1BDR | acgcgtcgacTTAGAGGCACAAAGCGGTGG | |
| PpERF.F2BDF | ggaattccatatgATGAGGAGGGGCAGAGGAGC | Primers used for inserting PpERF.F2 into vector pGBKT7 |
| PpERF.F2BDR | acgcgtcgacTCAGAGGCATAGAGCCGTACATC | |
| PpEIL1rF | AGTGAGCGGTGCTTCTGATAAC | Primers used for qRT-PCR |
| PpEIL1rR | CGCCTCATACTTGGCTATGG | |
| PpEIL2rF | GCCTACTGGTAATGAGGAATGG | Primers used for qRT-PCR |
| PpEIL2rR | GCTTTATCACAGCCGTGAGAAC | |
| PpEIL3rF | GGTCCTCCTCCATACAAGAAGC | Primers used for qRT-PCR |
| PpEIL3rR | GCAGACATTTAGACTGACGAACAA | |
| PpERF.A1rF | CGTGCTTGACCGAAAACTGG | Primers used for qRT-PCR |
| PpERF.A1rR | GCGTCCCTTAGAACACCGTAG | |
| PpERF.A2rF | AACAGAACAGTGGGGAGATTTG | Primers used for qRT-PCR |
| PpERF.A2rR | AAGCTGTGATCGGGTAACCAG | |
| PpERF.B1rF | TGAACTCATTCGCCAGCATCT | Primers used for qRT-PCR |
| PpERF.B1rR | GAGGGAGCACTCTGGTTTCAC | |
| PpERF.B2rF | CAAAACCACCCAGACACTCCA | Primers used for qRT-PCR |
| PpERF.B2rR | TTCGACCACCACGTTGTTAGA | |
| PpERF.B3rF | CGAACGCATCAAGAACCATC | Primers used for qRT-PCR |
| PpERF.B3rR | TGGAGCAAAGCGAGTCAGAT | |
| PpERF.E1rF | TCCCAGCCCACTCACTCG | Primers used for qRT-PCR |
| PpERF.E1rR | CTGCCTGATGCCTCGGTAG | |
| PpERF.E2rF | TCTGATGTGGACGAAGATGATG | Primers used for qRT-PCR |
| PpERF.E2rR | TCAGCCTGCCCATTGAACT | |
| PpERF.E3rF | CTCCTTGGCTTAGACCACTCC | Primers used for qRT-PCR |
| PpERF.E3rR | GCACCTGGGCTCGTCTTCT | |
| PpFRF.F1rF | GATGTCGTTCAGGCAAGCAG | Primers used for qRT-PCR |
| PpFRF.F1rR | CAGTCGCTGTGGCAGTCATC | |
| PpFRF.F2rF | GTTTGGCTCGGCACCTTC | Primers used for qRT-PCR |
| PpFRF.F2rR | TGGTCGGTTGGGTTGTTGT | |
| PpFRF.F3rF | AATAGTAGCGGGAGCAACAATC | Primers used for qRT-PCR |
| PpFRF.F3rR | GGTACTAACACCCTGAGCGAGA | |
| PpFRF.F4rF | CACTACAGAGGCGTAAGGAAGAG | Primers used for qRT-PCR |
| PpFRF.F4rR | TCGAATGTACCCAACCAAACC | |