**Supplementary Table 2. Primers used in this study.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Primer Name  | Sequence 5' to 3' | Target gene | Purpose | Reference |
| SmHPL1\_F | CACCATGGAGGTCCCCGGAAGCTATG | [SmHPL (XP\_002969700.1)](https://www.ncbi.nlm.nih.gov/protein/XP_002969700.1) | Topo cloning, Sequencing | This study |
| SmHPL1\_R | CTAGGCACTTACTTTGTTGCCAG | [SmHPL (XP\_002969700.1)](https://www.ncbi.nlm.nih.gov/protein/XP_002969700.1) | Topo cloning, Sequencing | This study |
| SmHPL1\_Seq1F | GCCCGTCTCAAGGAATTCGTG | [SmHPL (XP\_002969700.2)](https://www.ncbi.nlm.nih.gov/protein/XP_002969700.1) | Sequencing | This study |
| SmHPL1\_Seq1R | CTCCAGCACGGTCGATTTGAG | [SmHPL (XP\_002969700.3)](https://www.ncbi.nlm.nih.gov/protein/XP_002969700.1) | Sequencing | This study |
| SmHPL1\_Seq2F | AAGTTCATGGCCGCGGTG | [SmHPL (XP\_002969700.4)](https://www.ncbi.nlm.nih.gov/protein/XP_002969700.1) | Sequencing | This study |
| SmHPL1\_Seq2R | TAAACGCCAGATCCAGGAGC | [SmHPL (XP\_002969700.5)](https://www.ncbi.nlm.nih.gov/protein/XP_002969700.1) | Sequencing | This study |
| SmAOS4\_F | CACCATGGCGAGCTTCCTCAGCGATCGATCC | SmAOS4 (XP\_002991302.1) | Topo cloning | This study |
| SmAOS4\_R | TCACGTCGATGGCGATCGGCGCGAGAGCG | SmAOS4 (XP\_002991302.2) | Topo cloning | This study |
| SmAOS4\_SeqF | CATCTCCGACCGCTTCAAC | SmAOS4 (XP\_002991302.3) | Sequencing | This study |
| SmAOS4\_SeqR | CTTGTGGCTCTCGATCACC | SmAOS4 (XP\_002991302.4) | Sequencing | This study |
| qSmUbi\_F2 | ATCGTCTGGGCAAGAAGGTG | SmUbiquitin (XP\_002966475.1) | RT-qPCR | Pratiwi et el. 2017 |
| qSmUbi\_F1 | ATACCATCGGCGATTTGAA | SmUbiquitin (XP\_002966475.2) | RT-qPCR | Pratiwi et el. 2017 |
| qSmUbi\_R2 | GATCCTGATCTTCTCCGGGC | SmUbiquitin (XP\_002966475.3) | RT-qPCR | Pratiwi et el. 2017 |
| qSmUbi\_R1 | CGCTTACAAGGAAAGCACCT | SmUbiquitin (XP\_002966475.4) | RT-qPCR | Pratiwi et el. 2017 |
| SmActin\_F | ACTGGGACGACATGGAGAAG | SmActin (XP\_002977012.1) | RT-qPCR | Pratiwi et el. 2017 |
| SmActin\_R | CGCCTGAATAGCAACGTACA | SmActin (XP\_002977012.1) | RT-qPCR | Pratiwi et el. 2017 |
| qSmHPL1\_F | CTGGAGGTGATGAGGATCGC | [SmHPL (XP\_002969700.4)](https://www.ncbi.nlm.nih.gov/protein/XP_002969700.1) | RT-qPCR | This study |
| qSmHPL1\_R | GCGGATGAGAAACTCCCTCC | [SmHPL (XP\_002969700.4)](https://www.ncbi.nlm.nih.gov/protein/XP_002969700.1) | RT-qPCR | This study |
| qSmAOS4\_F | CGACGAGAGATGGAGTGGTG | SmAOS4 (XP\_002991302.2) | RT-qPCR | This study |
| qSmAOS4\_R | GGACCACAGCACGTACTTGA | SmAOS4 (XP\_002991302.2) | RT-qPCR | This study |
| qSmAOS1\_F | GCCCGAGTACCAGAAGATCG | SmAOS1(XP\_002978826.1) | RT-qPCR | Pratiwi et el. 2017 |
| qSmAOS1\_R | AGAAGACGAGGTTGTGCAGG | SmAOS1(XP\_002978826.1) | RT-qPCR | Pratiwi et el. 2017 |
| qSmAOS2\_F | CGCAGCTCAAGTCGTATTGC | SmAOS2(EFJ20163.1) | RT-qPCR | Pratiwi et el. 2017 |
| qSmAOS2\_R | GACTTCTTCGGCTTGTTGCG | SmAOS2(EFJ20163.1) | RT-qPCR | Pratiwi et el. 2017 |
| qSmAOS3\_F | TACCCTTCATCATCGTGGCG | SmAOS3(XP\_002978827.1) | RT-qPCR | Pratiwi et el. 2017 |
| qSmAOS3\_R | AGAAGACGAGGTTGTGCAGG | SmAOS3(XP\_002978827.1) | RT-qPCR | Pratiwi et el. 2017 |
| qSmOPR5-F | AGCTGTGCATGACAAAGGTG | SmOPR5 (XP\_002979866.1) | RT-qPCR | Pratiwi et el. 2017 |
| qSmOPR5-R | GGACTGTCCATCTGGGAAGA | SmOPR5 (XP\_002979866.1) | RT-qPCR | Pratiwi et el. 2017 |