**Table S2**. Primer sequences used for *ASMTs* and *ASMTL* cloning*.*

|  |  |  |
| --- | --- | --- |
| Gene name | Primer name | Primer sequence ( from 5’ to 3’) |
| BP\_ASMT1 | BP\_ASMT1-F1 | GCACAGGCTATAGAGGCGTACCC |
|  | BP\_ASMT1-R1 | TTTGCGTCCCAGGACAGTGTCG |
| BP\_ASMT2 | BP\_ASMT2-F1 | ATGGCAGAACACCTTTCCCAAA |
|  | BP\_ASMT2-R1 | TCTGATGGCGAGGATGGCGT |
| BP\_ASMTL | BP\_ASMTL-F1 | ATGGTACTGAACCCTGTCATTTC |
|  | BP\_ASMTL-R1 | TTTGACACAGAGCATAGCGTCC |

F: forward primer; R: reverse primer