**Table S1** The sequence of BSMV:GFP

1 GTATAGCTTG AGCATTACCG TCGTGTAATT GCAACACTTG GCTTGCCAAA TAACGCTAAA

61 GCGTTCACGA AACAAACAAC ACTTCGGCAT GGATGTTGTG AAGAAATTCG CCGTCATGTC

121 AGTGACTGTA GTAGCAGGTC CCGTCCTTAC GCTTTCATCA CCTGTGGTGG TGACGTTTGG

181 AACAGGCTTA ATTGCCGTAT CTTTGGTGAA ACGGTTGCTA CAGGAACAAC CCCGTGTAAT

241 TGCTCACGAT CACGAACATT ACCCAGGTGG TTCTGAGAGC AGTTCTAGCT CTTGTGCTAC

301 CGCGCCTATT TTACGTAATC TTTCGCGAGA TCAGTGCGAT TCAGAGAATA TTGGATGCAG

361 TTCTAGCGCC TGTTCTCCGT CTGAAATTGT GAAAGTTACA AGGCAGGTAG TGGGAGTTGA

421 ACGTGGTCTT TACCGGGACA TTTTTCAGGA CAACGAAATC CCATCAGTCA TGGAAGAGAA

481 ACTGCAGAAA CTCCTTTACT CTGAGGGTGA GAAGATTCGA AGACGTTGCC AATTTGAAGC

541 ATCAACGATG CACTCACGCA AAGTAAAGGT TCCGGAGGTA GGTACTATCC CAGATATCCA

601 AACTTGGTTC GATGCTACGT TTCCTGGTAA CTCCGTTAGG TTTTCTGATT TCGACGGTTA

661 TACTGTTGCT ACGGAGGACA TTAACATGGA TGTTCAGGAT TGTAGACTTA AGTTCGGGAA

721 GACTTTTCGA CCTTATGAAT TTAAGGAATC ACTGAAACCA GTACTGAGGA CAGCAATGCC

781 AGAAAAACGA CAGGGTAGTT TGATTGAAAG TGTGCTGGCC TTTCGTAAAA GAAATTTGGC

841 TGCGCCCAGA TTACAAGGAG CTTTGAATGA ATGGCACACA ATTGAGAATG TGCTAACGAA

901 GGCGTTAAAG GTATTCTTCT TTGAAGATTT AATTGATCGA ACGGATCACT GCACTTACGA

961 GTCAGCGCTC AGATGGTGGG ATAAACAATC AGTGACAGCT CGAGCGCAGC TCGTGGCGGA

1021 TCAGCGGAGG TTATGTGATG TTGACTTCAC GACTTATAAC TTCATGATAA AAAATGATGT

1081 AAAGCCGAAG TTAGATCTAA CACCTCAAGT TGAATATGCA GCTTTGCAGA CTGTTGTATA

1141 TCCTGATAAG ATAGTCAATG CTTTCTTTGG TCCGATCATA AAGGAGATTA ATGAACGGAT

1201 CATCAGAGCG CTTAGACCTC ATGTGGTCTT TAATTCTCGT ATGACTGCTG ATGAACTGAA

1261 TGAAACAGCT GCCTTTTTGA CACCTCATAA GTACAGAGCC TTAGAGATTG ATTTTTCAAA

1321 ATTTGATAAA TCAAAGACTG GGCTTCATAT CAAAGCTGTC ATTGGACTCT ATAAGCTCTT

1381 TGGCCTAGAT GGCCTGTTAA AAGTGCTCTG GGAAAAATCG CAATATCAGA CTTACGTGAA

1441 AGATAGAAAC TTCGGTCTCG AGGCATATCT ATTGTATCAG CAAAAGTCAG GAAATTGTGA

1501 CACTTACGGT TCGAACACCT GGTCTGCCGC CTTGGCGTTG TTAGATTGTC TTCCTTTGGA

1561 AGATGCACAT TTCTGTGTAT TTGGTGGTGA TGATTCATTG ATATTGTTTG ATCAGGGATA

1621 CATAATTTCC GACCCATGCC GGCAACTTGC CGGTACTTGG AATCTTGAAT GTAAAGTGTT

1681 CGACTTCAAG TACCCCGCAT TTTGTGGTAA ATTTCTGCTG TGCATAGATG GAAAATATCA

1741 ATTTGTTCCA GATGCGGCAA AATTTATCAC AAAATTAGGT AGAACTGATG TGAGAGATGT

1801 AGAAGTTTTG AGTGAGATTT ATATCTCTAT CAATGACAAT TACAAATCTT ACAAAGACTT

1861 TAAGGTGCTT GATGCTTTGG ATAAGGCTTT AGTGGATAGA TATCGATCCC CTTATAGTGC

1921 TATTTCTGCT TTGGTTTCTT TATGTTATCA TATCTTTGAC TTTAATAAGT TTAAGTTGCT

1981 GTTTAATTGT GAAGGGAAAT TTGTGGATAA GAAGCTGAGA AAAGACTTCG AGTGGTGAAC

2041 TCTAGGTCCT GATGTTTAAA TCTACTGTAT TTACCTTCGC ATGATGGCTA CTTTCTCTTG

2101 TGTGTGTTGT GGTACCTTAA CTACAAGTAC TTACTGTGGT AAGAGATGTG AGCGAAAGCA

2161 TGTATATTCT GAAACAAGAA ATAAGAGATT GGAACTTTAC AAGAAGTATC TATTGGAACC

2221 GCAAAAATGC GCCCTGAATG GAATCGTTGG ACACAGTTGT GGAATGCCAT GCTCCATTGC

2281 GGAAGAGGCT TGTGATCAAC TGCCAATCGT GAGTAGGTTC TGTGGCCAAA AGCATGCGGA

2341 TCTGTATGAT TCACTTCTGA AACGTTCTGA ACAGGAGTTA CTTCTTGAAT TTCTCCAGAA

2401 GAAGATGCAG GAGCTGAAAC TTTCTCATAT CGTAAAAATG GCTAAGCTTG AAAGTGAGGT

2461 TAACGCAATA CGTAAGTCCG TAGCTTCTTC TTTTGAAGAT TCTGTTGGAT GTGATGATTC

2521 TTCTTCCGTT GCTAGCAGTA AAGGAGAAGA ACTTTTCACT GGAGTTGTCC CAATTCTTGT

2581 TGAATTAGAT GGTGATGTTA ATGGGCACAA ATTTTCTGTC AGTGGAGAGG GTGAAGGTGA

2641 TGCAACATAC GGAAAACTTA CCCTTAAATT TATTTGCACT ACTGGAAAAC TACCTGTTCC

2701 ATGGCCAACA CTTGTCACTA CTATGGGTTA TGGTGTTCTA TGCTTTTCAA GATACCCAGA

2761 TCATATGAAA CGGCATGACT TTTTCAAGAG TGCCATGCCC GAAGGTTATG TACAGGAAAG

2821 AACTATATTT TTCAAAGATG ACGGGAACTA CAAGACACGT GCTGAAGTCA AGTTTGAAGG

2881 TGATACCCTT GTTAATAGAA TCGAGTTAAA AGGTATTGAT TTTAAAGAAG ATGGAAACAT

2941 TCTTGGACAC AAATTGGAAT ACAACTATAA CTCACACAAT GTATACATCA TGGCAGACAA

3001 ACAAAAGAAT GGAATCAAAG TTAACTTCAA AATTAGACAC AACATTGAAG ATGGAAGCGT

3061 TCAACTAGCA GACCATTATC AACAAAATAC TCCAATTGGC GATGGCCCTG TCCTTTTACC

3121 AGACAACCAT TACCTGTCCA CACAATCTGC CCTTTCGAAA GATCCCAACG AAAAGAGAGA

3181 CCACATGGTC CTTCTTGAGT TTGTAACAGC TGCTGGGATT ACACATGGCA TGGATGAACT

3241 ATACAAAGCT AGCTAAAAAA AAAAAAAAAT GTTTGATCAG ATCATTCAAA TCTGATGGTG

3301 CCCATCAACC ATATGATGGG AGTGTTTGCA AGTCCACTAT AATCGAACTT GAAAACGATG

3361 CCTGAATTGG AAACCATGAA TCTTAACGGA CTCTGGAGAG AAAATTTAGG AATTGGTATG

3421 TAAGCTACAA CTTCCGGTAG CTGCGTCACA CTTTAAGAGT GTGCATACTG AGCCGAAGCT

3481 CAGCTTCGGT CCCCCAAGGG AAGACCA

The sequence of *GFP* insert is marked in red.