

Supplementary File S1

The sequences of STTM 164a. Yellow shades indicate the 48 nt spacer. Green shades indicate the STTM 164a sequences. Blue shades and Bold indicate the *BsaI* and *Eco3II* enzyme digestion sites, respectively. Blue shades indicate the 2 ×35PS and T35PS, respectively.

>STTM 164a

CTTCAAAGCAAGTGGATTGATGTGATATCTCCACTGACGTAAGGGATGACG
CACAATCCCCTATCCTTCGCAAGACCCTTCCTCTATATAAGGAAGTTCATT
TCATTGGAGAGAACACGGGGGACTTTGAGGCAAC**TGCACGTGCCCCCTAT**
GCTTCTCCAGTTGTTGTTGTTATGGTCTAATTTAAATATGGTCTAAAGAAGA
AGAAT**TGCACGTGCCCCCTATGCTTCTCCA**TGTA**ACTAGCTCTGTCTTCAGTA**
CTGGGCCCCGAAGACTGACCAGCTCGAATTCCCGATCGTCAAACATTGCAA
TAAGTA