

**S1 File. Sequence of codon-optimised Thma-encoding gene. Gene sequence in FASTA format**

>Thma

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ATGATTTCAATGAAACCGCGTTATAAACCGGATTGGGAATCACTGAGAGAACATACAGTTCCGAAATGGTTTG
ATAAAGCGAAATTTGGCATTTTTATCCATTGGGGCATCTATTCAGTTCGGGATGGGCAACACCGACAGGCGA
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CGAAAGACTGAGCTTTAAAAACGTTGGCAAAAACCTGGAATCACGGTTCGAAAAAACTGCTGGAACGGAT
TCAATTACACTGGTTCTGGAAGCAGTCGAGGAA
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