

Table S1. Primers used in this study.

Primer	Sequence (5'-3')
MaFLS-5'RACE	GCCCTAACCTAGCGACAGGCTGCCCAGC
MaFLS-3'RACE	CCAGCTGGTGAACCACGGGATACCCGCCG
MaFLS-full length cDNA-F	ATGGACATGGAGAGGGTGCAAGC
MaFLS-full length cDNA-R	TCACTGCGGAAGCTTGTGATCTTGC
MaFLS-F-2300-KpnI	ACGGGGGACGAGCTCGGTACCATGGACATGGAGAGGGTGCAAGC
MaFLS-R-2300-XbaI	CACCATGGTGTGACICTAGACTGCGGAAGCTTGTGATCTTGCAG
MaFLS-F-221-XbaI	GAGAACACGGGGGACTCTAGAAATGGACATGGAGAGGGTGCAAG
MaFLS-R-221-KpnI	TTCTCCCTTACCCATGGTACCCTGCGGAAGCTTGTGATCT
2300-F	GGAAGGTGGCTCCTACAAATGC
2300-R	CTGCTTCATGTGGTCGGGGTAG
MaFLS-qPCR-F	GCAGGAGGAGAAGGAGTCTTA
MaFLS-qPCR-R	CCAGACGTTGTGGAACAAGTA
MaActin-qPCR-F	AACATTCAAGAAAGAGTCCACCC
MaActin-qPCR-R	GCTTACCAGCAAAGATCAACCG
NtPAL-qPCR-F	AGCTAGTAGTGATTGGGTTATGG
NtPAL-qPCR-R	CCGTTCTTGGTTCTCCTATGT
NtC4H-qPCR-F	GAGAAGCACGTTGAGGCTAAT
NtC4H-qPCR-R	GTCCCAAGGTAATGCCAAGAA
Nt4CL-qPCR-F	TGTTGACGCACAAGGGATTA
Nt4CL-qPCR-R	CAAAGGCAACACACACATCAA
NtCHS-qPCR-F	TGACACCCACTTGATAGTTTAG
NtCHS-qPCR-R	CGACCTCTGGAATTGGATCAG
NtCHI-qPCR-F	CTTTTCTCGCCGCTAAATG
NtCHI-qPCR-R	TTTCTGCCACCTTCTCTG
NtF3H-qPCR-F	CAAGGCATGTGTGGATATGG
NtF3H-qPCR-R	TGTGTCGTTTCAGTCCAAGG
NtF3'H-qPCR-F	AGGCTCAACACTTCTCGT
NtF3'H-qPCR-R	CATCAACTTTGGGCTTCT
NtF3' 5'H-qPCR-F	CGCACTACCATACTTAGGAGCCAT
NtF3' 5'H-qPCR-R	CAGCATCAGGAGTAGAAGCAACAG
NtFLS-qPCR-F	GGTTAGGAGCCCATGAAATGA
NtFLS-qPCR-R	CACAACACCAAGTGCCAAATC
NtDFR-qPCR -F	AACCAACAGTCAGGGGAATG
NtDFR-qPCR -R	TTGGACATCGACAGTTCCAG

NtANS-qPCR -F	TGGCGTTGAAGCTCATACTG
NtANS-qPCR -R	GGAATTAGGCACACACTTTGC
NtUFGT-qPCR -F	GAGTGCATTGGATGCCTTTT
NtUFGT-qPCR -R	CCAGCTCCATTAGGTCCTTG
NtAN2-qPCR -F	GAAGAAAGGTGCATGGACTG
NtAN2-qPCR -R	TCTGCAGCTCTTTCTGCATC
NtAN1a-qPCR-F	ACCATTCTCGAACACCGAAG
NtAN1a-qPCR-R	TGCTAGGGCACAATGTGAAG
NtAN1b-qPCR-F	CTTGAACACTTCTCAAACCGA
NtAN1b-qPCR-R	TGCTAGGGCACAATGTGAAG
NtTubA1-qPCR-F	CTCCTATGCTCCTGTCATTTC
NtTubA1-qPCR-R	GGCGAGGATCACACTTAAC
