**Table S2 Primers used in this study.**

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| Purpose | Primer name | Sequence (5'-3') |
| Plant expression vectors construction | MnEIL1 F  | CATGCCATGGTAATGGGCATTTTCGAAGAGCT |
| MnEIL1 R | GAAGATCTCCGATGTACCAGAGGGAGACAT |
| MnEIL2 F | GAAGATCTGATGGGGTTTTCTGGTAAT |
| MnEIL2 R | GGACTAGTGAGGTACCAGAGCGAGACGT |
| MnEIL3 F | CATGCCATGGTAATGGCCTATGACTCATTGGT |
| MnEIL3 R | GAAGATCTCCTGCTCCGAAGTAATGAATCA |
| MnACS1pro F | GTGAGTAGAAATGGTGGATGAC |
| MnACS1pro R | TATTAATTTGGTTTTCTCGGATGAG |
| MnACS3pro F | CCCATTTGAAACATTGTGGCAC |
| MnACS3pro R | CGAACAATATTTTGTTATGATC |
| Expressionpatternanalysis | MnEIL1 F | GGAGGCTTTAGAGCATGAGC |
| MnEIL1 R | TCAATAGCATGCGGTCTCTC |
| MnEIL2 R | AACGATGATGCTGGATCAGA |
| MnEIL2 R | ACGGTATGGGCAATTCATTT |
| MnEIL3 FMnEIL3 R | AACGGGACATCTGGGATAACATCAGTGCCATCAACGTCAT |
| MaACS1 F | GCAACACTGACCTCATCCAC |
| MaACS1 R | TGCGAGGATACTAATCCGAA |
| MaACS3 F | TGGCTTCCAAATCACTGAAG |
| MaACS3 R | GGTTGTGTTCGTTCGATGTC |
| MaACTIN3 F | GCATGAAGATCAAGGTGGTG |
| MaACTIN3 R | CATCTGCTGGAAGGTGCTAA |
| AtACS2 FAtACS2 R | ACCTCTTCTCCGAGCATGAAGCCGTCAAAAACAACCCTAA |
| AtACS3 FAtACS3 R | ATGTCTCAGGGTGCATGTGAGGCGAGACCCATTTGAATAA |
| AtACS4 FAtACS4 R | AATGTCAAGTTTCGGCCTTGGATGGCCTCTAGACCCAACA |
| AtACS6 FAtACS6 R | GACGAGTTTATCCGCGAGAGACACGCCATAGTTCGGTTTC |
| AtACS7 FAtACS7 R | GATGGAGAACCGGAGTGAAAGGTTCGATGGGTTGGTTATG |
| AtACS8 FAtACS8 R | GAGAACCGGAGCTGAGATTGGTAGTGCCCAACGGGTTAGA |
| AtACS10 FAtACS10 R | GGCGAACAGGAGTTGACATT’TGGGATTTGAAGGATTCGAG |
| AtACS12 FAtACS12 R | AGAACGAAGCTCCCACAAGAGTTTCGATATCCGGTGCTGT |
| AtACO1 FAtACO1 R | GAATGCCTTTTCTGGTCCAACTTGGATGGCGGTATAGGAA |
| AtACO2 FAtACO2 R | TGGTGACCAACTTGAGGTGACGGAATCTTTCTCGACAAGC |
| AtACO4 FAtACO4 R | ATAATCCGGGAAGCGACTCTCATTGTTGGCCACAGTTGTC |
| β-actin2 F β-actin2 R | TGCTGAGCTTATCGATTCCGTTCGGTGATGGGAATACAG |
| Inverse-PCR | Reverse F1 | TATGGAGAAACTCGAGCTTGTC |
| Reverse R1 | GATCCCCCGAATTAATTCGGCG |
| Reverse F2 | AGATCCGGTCGGCATCTACTCT |
| Reverse R2 | AGCGTCAATTTGTTTACACCAC |