

**Table S1.** The primers sequences used for *SINAC4* study.

Primer name	Primer sequence
EST-F	5'-CGAGTTTCAGCATCTGGGT-3'
EST-R	5'-GAGCACGCCCTTG ATAGA-3'
SINAC4-3'-Outer	5'-GGTGAATAAGTGGGGG GGAT-3'
SINAC4-3'-Inner	5'-GAAAAGGAAGGTTGAAGGGC-3'
SINAC4-F	5'-CATTCTGTGGGGGTTATTTG-3'
SINAC4-R	5'-CCCTTACAAAGTTACAATGG-3'
SINAC4-qF	5'-GAAAAGAAAGGTTGAAGGGCTAGA-3'
SINAC4-qR	5'-ATCCCTTGGACAGAGAAAGAACC-3'
SlActin-qF	5'-ATCCCAAGGCTAA TCGTGAAAA-3'
SlActin-qr	5'-CACCATCACCAGAGTCCAACA-3'
AtABA1-qF	5'-ACTTAGGTGTTGGGCTTGGT-3'
AtABA1-qR	5'-CGGCTTTGTGAGTGAGTCTG-3'
AtABA3-qF	5'-CGTCGTCAGTGGAAGGTTTC-3'
AtABA3-qR	5'-AATTTACCGGTCAGACCCT-3'
AtNCED3-qF	5'-TCTCCGGTGGTTTACGACAA-3'
AtNCED3-qR	5'-GGACCCTATCACGACGACTT-3'
AtAAO3-qF	5'-ACAAGGCACTTGGGACTACA-3'
AtAAO3-qR	5'-GGAATGTTTCCGAGCTTCCC-3'
AtCYP707A3-qF	5'-AAAGCCATGAAAGCTCGCAA-3'
AtCYP707A3-qR	5'-CTTGCGGCGAAGATTACTCC-3'
Atactin-qF	5'-CGAGGCTCCTCTTAACCCAA-3'
Atactin-qR	5'-ACCATCACCAGAATCCAGCA-3'
AtABA1-F	5'-cgagctcGCTCTAGCCTCTAGGCTATGGGT
AtABA1-R	5'-ccctcgagGTGACGTGATCAGCGCTTGTG
AtABA3-F	5'-ggggtaccCAAACCCGAATAGGTATCCAAAC
AtABA3-R	5'-ccctcgagACAATTTTCGTTTTCCACGTAAGT
AtNCED3-F	5'-ggggtaccACATATCCAAAAGTGACGATGA
AtNCED3-R	5'-gcgtcgacACCGTTGTAAGATGAAGTTAAGTGTA
AtAAO3-F	5'-cgagctcATGTGAAAGCTGTAGACTCGTTCG

AtAAO3-R	5'-ccctcgagTCATTGACTGTGCGCCACGAGT
AtCYP707A3-F	5'-ggggtaccAGTCTTTGGTCCTAGATCCCTCAAG
AtCYP707A3-R	5'-ccctcgagAGGCAGTGGAGGAGAGAGAAG
SINAC4-F	5'-cggaattcATGGGAGCTGCAACTTTG
SINAC4-R	5'-ccctcgagTCAGAAGGGATTTTGATAGCTAAGAGTA