**Supplemental Table 2.** PCR Primers used in this study

*CDTHA2F* 5' - AGCTGGATCCATGGTGACGCCAACTACAATTAG - 3'
*CDTHA2R* 5' – ACTGCTGCAGTCACGAGTGAAATATTTTCTCAAAG- 3'

*gTHA1f* 5' - AGTCGGATCCGATAGAGAGAGAACAGAGACGCCAAT - 3'
*gTHA1r* 5' - AGTCGAATTCCCATTAGTTTTGGTTACTAGTCAGGCT - 3'

promTHA1F 5' - GGGGACAAGTTTGTACAAAAAAGCAGGCTTCataaaggtcaggtcaggtggcta - 3'*
promTHA1R 5' - GGGGACCACTTTGTACAAGAAAGCTGGGTCttttacacctaatttacctataagatattg - 3'*

promTHA2F 5' - GGGGACAAGTTTGTACAAAAAAGCAGGCTTCcgagaacaaaaactaagcaagca - 3'*
promTHA2R 5' - GGGGACCACTTTGTACAAGAAAGCTGGGTCcttgatttggctcactgcgtt - 3'*

*Uppercase letters are the *att*B1 (for forward) and *att*B2 (for reverse) primers (Gateway Technology, Invitrogen Life Technologies), whereas the lower case letters are specific to promoter regions of Arabidopsis threonine aldolases.

*tha1-2*_P1 5' - CTTTAAGGTTCTTCCGTCAAACTG - 3'
*tha1-2*_P2 5' - CCCATTTGGACGTGAATGTAGACAC - 3'

*tha2-1*_P1 5' - TTGTGGAGGTAGATGCCTTCCTA - 3'
*tha2-1*_P2 5' - CCGTTCAATCCGGTTCAGTTC - 3'

*tha2-2*_P1 5' - CCACAGAAGCGTTGAAAATCC - 3'
*tha2-2*_P2 5' - ATCTCCATCATCCGGTTACTAA - 3'

*tha2-3*_P1 5' - TCAATGAATGAATAAAGCGTAGCAA - 3'
*tha2-3*_P2 5' - GGTTCGGTAATCGTGGGAAGC - 3'

LBa1 5' - TGGTTCACGTAGTGGGCCATCG - 3'
LBb1 5' - GCGTGGACCGCTTGCTGCAACT - 3'
LB3 5' - TAGCATCTGAATTTCATAACCAATCTCGATACAC - 3'
GAB-SEQ 5' - ATATTGACCATCATACTCATTGC - 3'

RTHA1F 5' - TATCGACTATCGGGGGAGTG- 3'
RTHA1R 5' - AGCTTCACGCCATGT CTCTT- 3'

RTHA2F 5' - TCCCGTGAAGAGGATTGTTC - 3'
RTHA2R 5' - CCCTGGCTTTCTTATGGTCA - 3'

UBQ1 5' - GATCTTTGCCGGAAAACAATTGGAGGATGGT - 3'
UBQ2 5' - CGACTTGTCATTAGAAAGAAAGAGATAACAGG - 3'

TA5F 5' - GTAAAACGACGGCCAGTGTGGGAGGTTTTCTTGGAGTG - 3'
TA5R 5' - GGAAACAGCTATGACCATGGAATGAAGAAGACGGGACCA - 3'

TA6F 5' - GTAAAACGACGGCCAGTGCCTGAAACCAGAGTGTGTGTG - 3'
TA6R 5' - GGAAACAGCTATGACCATGCGTCTTGAAGAGGAGATGGC - 3'

RNAt2-1_P1 5’ -GAAAGAGGTGGCTGAGATCG – 3’
RNAt2-1_P2 5’ - CCCTGGCTTTCTTATGGTCA – 3’

At-tub-f 5’ - CGTGGATCACAGCAATACAGAGCC – 3’
At-tub-r 5’ -CCTCCTGCACTTCCACTTCGTCTT – 3’

TA8F 5’ - GTAAAACGACGGCCAGTGTGGATAAAACGTGCTTCCTT – 3’
TA8R 5’ - GGAAACAGCTATGACCATGTCGTGATATTCTCCTCATTCCA