Durio zibethinus ACC synthase (*DzACS*)

CTTTGACCTGCAGAAAATTCTAATAATGCAGTAGATCTTTACGTTGACTTAAGTTTAGGATATAGCTAGC
CAATTGTTTGGACAATTCTCCTCTTACTTGGTTTCCTTATAAAAAGCTCATGTACAACTTGTTCTTTTAT
ATATAGTTAATCTTCTTTTTTCTAATACTCTTCCTATATCAGTTTTAGTCAATTGTTTTTTATTTAAAAA
CTATGCAGATTTGCCCGGGACCTAAGATGGCGCACTGGGTTAGAAATAGTTCCAGTTGACTGCAAAAGCT
CAAACAATTTTCGTATAACAAGAGCAGCCGCCGAAGAAGCCGCCGAAAAAGCTCAAAGATCAAACATCAA
TGTCAAAGGCGTGATCATAGCAAACCCCTCAAACCCTTTAGGCACAATCTTGGACAGAGAGACAATGAGA
AGCATAGTCAGTTTTATTAACGAACAGAACATCCACCTTGTCTCCGACGAAATCTATGCAGCTACAGTCT
TCAGCTCTCCTAGATTCATTAGCATTGCTGAGATTATACAAGATATGGATTGTAACCGTGATCTGATTCA
CATTGTTTACAGCTTGTCCAAGGACATGGGATTTCCTGGTTTTCGAGTTGGCATTGTTTACTCATTCAAT
GATGTAGTTGTGAATTGTGCCCGCAAGATGTCAAGTTTCGGATTAGTCTCCTCGCAAACTCAATACTTAC
TTGCTTCAATGCTTTCTGACGAGGATTTTGTTGGGAATTTCCTAAGGGAAAGCTCAAAGAGGTTAGCCGC
CCGGCACCATGTGTTCACCAAGGGACTCGAACAAGTGGGGATTTCTTGTCTAAAAAGCAATGCTGGTTTG
TTTTTCTGGATGGACATGCGACCCCTCCTTAAAGAACAAACTGTCAAGGGAGAAATGGAATTGTGGCGTG
TGATTATCGATGAAGTGAAACTCAATGTTTCTCCAGGTTCATCTTTCCAATGCTTGGAACCTGGCTGGTT
CAGGGTCTGCTTTGCAAACATGGATGGTGAGACCGTGGAAGTAGCACTTGACAGAATTCGAAAATTTGTG
CTTCAAGGAAAGGAAGAAGATCATGCGGTGCCAGAGACGTCAAAACGTTGGCAAAAGAAAAATCTTCGCC
TCAGCTTCTCTTCCTCTAGGTTATACGACGAGAGTATCATGTCTCCACCCATGATTTCCCCTCACTCCCC
GATACCTCACTCGCCCCTCGTTCCGGCGATGACTTGAGTAATAATTACAACGTAGCATTGCATGTCTCAT
CTTCGTAGTTCATCGTATTCATCTTTAATTAGTAATTTAAGTCATAAAAGTTCAATAGGAAATTCATTGT
CATAGATATCATTTTTAAGAGATTATTATGGCTCAGATTAATTTGGTACTTAAATCTTTTTGGTCTGACG
CCGACTTATTAAACCTCTTGATTTAGCCGCCAGGTGGAGAATAATAATCTTTTTCTCTAATTAATTTTTT
CCAAATTATAAAGTCTATGCTGTATGTAAGCATTATTTTTGTGGAGATATGCATTGTACTAGTAGTAATT
GTTCTATTCTAGGAGTCTTAGTTTGTACCAAGATGTTTGATTATAGTAATAATAATAATAAATGTGATTT
AGGATTCTAATTATTTTTATGAATTGAATTTGTGGTGTGCATCTAAAGCTTGAGGTCGCTGTGGAGAACA
CTAAGATTCTCAATTATCTTCATTCTTATGGGTTTTGATTTAACATTTTAATCACTAACTAAAGGTTAGC
TAAGTGGATGCTAAATAATCAATATGACATCATTGGATTGGCAATAACAGTATCCGTGCCTTCAATTTGC
TTTGGTGGAGCAAACATATAAATAAAACAGCTCAGACAAACAACCATGGCATGGAACATGATGTGATCAT
GGCATGTGCATTATGGATAAAACTATATGCAAATTTTCTTGGACATTTGTATATATACCCCATTTGAAAC
AGTGACTCAATGAAATTGAGAAGTTTTCAGGTCATGATCCATG

Durio zibethinus ACC oxidase (*DzACO*)

AAGGCAAAGGCACTTTAGGAAGTCTTTTATGATTTTTGGGTCATCAAAAAGTTGGTCTAATCCCACTCAA
AGAATCCAACCCAGGCCAAAGAGTGGATAGCCGCCTCAACAAGGCAAAGGGACTTTAGGAAGTCTTTTAT
GATTTTTGTTTCATTTGCTTTTACTATTATTTTCCCATTTCCTTTTTTTTTTTTTTTGTTAATTTTTAAC
TACATAATTTGCCTGACCCCCAAACCCTCCACTTGGAACTTCTATAAATACCACCACTCCTAGCTTCCAC
TCTGCAATCCGGAAATCTAAACTTTTGCGTAACACCCAAAGCAAGCGAGTGAAGACTTTGAGAGATTTTT
AGGAAAGAAAAAGAAAAGAGTGCTAAGAGAAATGGCAACTTTCCCAGTGATCTACATGGACAAGCTTAAT
GGTGAGGAGAGGGCAGCAACCATGGAGAAAATCAAGGATGCCTCTGAGAACTGGGGCTTCTTTGAGGTAT
CAAAAGGCTTAGCTATGCAGCTATGTACTATACTCTATTCTCCTCTACCTTTCTCCTTTATATTTTACTG
ATACGGTTATTTCTTCATTTCTTCCAGCTGCTGAACCATGGGATTCCCCATGATTTTCTGGACACTGTTG
AAAGATTGACAAAAGAGCATTACAAGAAATGCATGGAGCAGAGGTTTAAGGAACTGGTAGCAAGCAAGGC
CCTGGAGGGTCCCCAGGCAGAGGTGACTGATATGGATTGGGAGAGTACATTCTTCTTGCGCCATCTCCCT
GAATCAAACATGGCTGAAATTCCAGATCTCACTGATGAATACAGGTACAGAAGGAGTAAATTACAAGTTT
CAAAATGAAGTCAGATGTTCTAAATTCAATAAAAATAAATAAATTAGTCCCCTCCTAATGGTGCTTATTT
GGACAACAATAACTTTTCCCACTAAATTTCTTTCCCAGGGCTGTCTCCATAATTGGTTAATGCTGTCTCC
TCTTTCTTGACCAATGAATATAATATTGAATGATTTGACCATCATTGGCTTTTAGAATAATACCAACAAT
TACTTACTGCAATAAATTTTTCCCACTTTGTCTCTGTTTTGAAAACTTGCAAGTCCTGATACTTAGTCCA
AGTAAACAAAAATGCAGGAAGGTGATGAAAGAATTTGTACTGAAATTGGAGAAACTAGCGGAGGAGCTCC
TAGACCTGTTGTGTGAGAACCTTGGACTAGAGCAAGGATACCTGAAAAAGGCCTTCTATGGGGCAAGAGG
TCCAACCTTTGGCTCCAAAGTTAGCAACTACCCACCATGCCCAACCCCAGACAAAATCAAGGGACTCAGA
GCCCATACAGATGCAGGTGGCATCATCCTGCTCTTGCAAGACCCTAAAGTGAGCGGCCTCCAGCTTCTTA

AAGACGGGGAATGGATCGATGTTCCACCCAGCCGCCACTCCATTGTAATCAACCTTGGGGATCAGCTCGA
GGTATGCACTCTAAATCTTTACAATTTGCTTTTAGCTCAGTGCTTTTAGAAAGGAAAGTTAGACATCAAA
TTCTAAATCCTTAAACATACAGGTGATCACCAATGGCAAATACAAGAGTGTGGAGCACAGAGTGCTTGCC
CAAACTGACGGAGCTCGCATGTCTCTAGCTTCATTCTACAACCCTGGCAGGGATGCCCTTATCTACCCTG
CACCAGCTCTGGTGGAGAAAGAAGCAGAGGAGAAGAAACAATTGTACCCCAAATTTGTGTTTGAAGACTA
CATGAAGCTTTATGCTGGACTGAAATTCCAGGCCAAGGAACCAAGATTTGAAGCCGCCAAAGCCGCCGAA
ACAACTTTTCCCATTGCAACAGCTTAAAATTCTAGAGCTTCGTTTGACTTGATGGAGAAAAGGATGTGAT
CTATTTTCAACCTTTTAGTTGTGTGTGAAAGAAAAAAAAAAGAAGTCAAAGCTTACTGTAGGTGTGTGTT
GATATATTACTGTAAACAGCAACAACAATTCTATTCTACTATG

S4 Fig. Nucleotide sequences of the 2-kb promoter regions of ethylene biosynthetic genes from durian (*DzACS* and *DzACO*). ERF binding sites: GCC box (AGCCGCC) and/or dehydration-responsive element/C-repeat (DRE/CRT) (CCGAC) are highlighted in yellow. The translational start site (ATG) is underlined.