

Table S4: Sequence and primers of *ThAP2*

Sequence	Primer
ATGTGGGATCTGAACAATATGCCCCGAGGAGCCTAGGCCTGTG GAAGTGGAGGGCCAAAACGAGAGCTTATCAAATTTCGCCTGA TGATGACGTCTCGGGTTCGACTTCCATCTCTACCAGCAACTC TGCTAAGATCTTTGGGTTTTCTTTTACTAACAGTGGTGATGGA AAAGATCGGGAGATGAATATAAGTAATGGATCCACAGCGTT ACACGCCAGTTTTTCCCAATTGAGCAGGAGATGGAGATGGA GATGGAGATGGATATGGAATTAGAGCCAGTACAGCCTGAAC TGCGAAGAGCCCATTTGGGTAGGACTTAAGTTTTCTTCTCGGT GGGCTTCACCCAAATCCAGTGAAGCCCCCTCCACCCATGCTCA TGAAGAAGAGTAGACGAGGCCCACGTTCCAGAAGTTCTCAG TACCGTGGTGTTACATTCTACAGGCGCACTGGAAGATGGGAG TCTCACATATGGGATTGTGGGAAACAAGTCTATCTTGGTGGA TTTGACACTGCCCACGTAGCCGCCAGGGCATATGATAGGGCA GCCATCAAATTCAGAGGCACGGATGCTGACATAAATTTTAGT ATTGATGACTATAAGGAGGACATCCAGCAGATGAATAGTTTG TCAAAGGAGGAGTTTGTGCATGTCCTTCGCCGGCAAAGCAA TGGATTTCGAAGAGGAAGTTCTAAGTTCAGAGGCGTCACTC AGCACAAATCTGGAAGATGGGAAGCTAGACTTGGACAACCTT CTGGGCAAAAAGTATGTTTACTTAGGTTTATTCGACGACGAA ATCGAAGCTGCAAGGACATATGATAAAGCAGCAATTGCATA CAACGGCAAGGAAGCGGTTACTAATTTTGATCCTAAAGTATA CGAAAGTGATCTAGATCTTGTAGAAACAAAAGATCTTTGTCT TGGCAACTCTATTGAAAAAGAAAGCAACTTGTCAATTC AAG GCAAGGGAAACGATGAGAGCAGAATGCAGTCATGTCAAAC AATACCACGATTGAAGATAGGCAGCAAAATCAGAGCTTGTA TTCAAACGAGTTTCACAAGCCTTGTTCAACAACACAAGGCA ATAAGTTTCTGTCCTTCCAAAATGGGGAGGATTTTATCAAGTA CAAGAGGCCATTTAGGTTGTTATCCCAGTTGGAAGGTAATGG ACAATGGCTGGCAAGTGATGATGTGATTGTGCACCGAGGATC ATCAGGGAATCCACTGCCTTCTCTTTCTCACCTTAACTACAAG GGTCCAAGTATCTTGGGTGGATGCAGAGATGAGAGAAAAAG AGGAGTATCAGCGATGTTTGGGAAGGGAGAAAGTATCATCAG GATGGGTAAATTGTCAAATGCAGACATATGTTTCATGCTCCTCT CGCAGCATCATCAGGATTCTCACCCCAAATTCTATTTCGCAAC AAATTCTTCTTCTGATTGCCAACAGAAAACAGGATTTTCATGTT AAGATTCAACCTACATTGTATTCAAACAATTTGCATAAAACT ACTTCTTCAAATCTGGTGACCACTTATTAACTTGTCTTAG GTTCTTAA	Primer F : ATGTGGGATCT GAACAATATG Primer R: AGAACCTAAGG ACAAGTTTAAT AA