

Table S4. Sequences of genes with the AAHTGC motif. (The start codon is shown remarked in yellow and the motif remarked in purple)

Gene ID	Sequence
BAB1_2147	GCGGTGCGGCCAAGGCGGGGATTTGACCTTTTCGCCTTTTTTTGGCCTAAAAATTCCAAAACCTTGCATGCGAAGAGA AATTGC CGGACGTTGATTTTGATCCTGTCCGCTTTGACTTGCACCCCAGCCGGATCGTTCGGATATTTCCGGG ATG GCTGGATCAGTTAAGGGT CGCCAGCGCGGTTCCGCCCTAAACTGGAAAGCGGAAAAAAACCGGATTTTTTAAGGTTTTTGGAACGTACGCTTCTCTTTAACGGCCTGCAACTAAAACTAGGACAGGCGAAACTGAACGTGGGGTCGGCCTAGCAAGCCTATAAAGGCC TAC CGACCTAGTCAATTCCCA
BAB1_1821	CGTCGTTATTTTCGCTCATCGATAACATTCCAATTCTCGGCTTTGCCACAAATATTGAAGCGAAGCTTTTTCATACCCATCATATAGGCAGAAAGGCTTGCCGTGCAAAACCGTTTGACGGGCAATTGCCAGATTTGGAGACCGCCACGG ATG AATATGACGAA AACTGCC GCAGCAATAAAAGCGAGTAGCTATTGTAAGGTTAAGAGCCGAAACGGTGTTTATAACTTCGCTTCGAAAAAGTATGGGTAGTATATCCGTCTTCCGAACGGCACGTTTGGCAAACCTGCCCGTTAACGGTCTAAACCTCTGGCGGTGCC TAC TTATACTGCTTTTGACGG
BAB2_1107	GATCACCTATAAACCTCTGGGATGATGTTGAAATGCAGTTGCATCAACATGATCCCGGGCATTTTTTTGCTTATGAATAACAGAATACTCGTACCTCCCTTTTTGAAATGACCGCGAATTGATGTGGTAAATGACAGAGGCGGGGTTGAGAT ATG CCTAATTTGGCCAATCAG CTAGTGGAATTTTGGAGACCCTACTACAACCTTACGTCAACGTAGTTGTACTAGGGCC CGTAAA AAACGAATACTTATTGTCTTATGAGCATGGAGGGAAACCTTACTGGCGCTTAACCTACACCATTTACTGTCTCCGCCCCAACTCTA TAC GGATTAAACCGGTTAGTC
BAB1_0872	CGCTTGGCGCAATTTCCGTCTGGAAGGCGAAGCCTTCGCCCCGTGGATGCTTCGGAAGCCTGCCAGTGGCGCGGTGACGGAAGCCATTGTACCACCATCGGGGCAACCCGCGCTGAAGGCGCAGCAAAGCTGGTGAGAGCATAAG ATG ACGAAATATACAGACCAT GCGAACCG CGTTAA AGGCAGACCTTTCGCTTCGGAAGCGGGGCGACCTACGAAGCCTTTTTCGGACGGTCACCGCGCCAGTCGCTTCGGTAACAGTGGTGGTAGCCCCGTTGGGCGCGACTTCCGCGTCGTTTCGACCCTCTCGTATT TAC TGCTTTATATGTCTGGTA
BAB1_0476	TGTTGCTTTGGCATTCTTCCAGGGCCGGTTGATTGACGGAA AACTGC CTGGAAATTTGACGGCAGAGGGGCTTCTTTTGATAATGCCGCTGCCGGGCAGCAGCATGGATGTATGCACCTGCTTCGTTCCCAAAGAGGAGATGGGGCCG ATG TATGGAATGCTGCGTACA ACAACGAAAC CGTAAA GAAGTCCC GGCCAACTAACTGCCTTTTGACGGACCTTTAAACTGCCGTCTCCCCGAAGAAACTATTACGGCGGACGGCCCCGTGCTGCTACCTACATACGTGGACGAAGCAAGGGTTTCTCCTCTACCCCGGC TAC ATACCTTACGACGCATGT
BAB2_0955	CTGCATCTTTGCCTATTCGCAAAGAAGGGTTCTGCGCGACCGATAGAATGGAAGCATCCCGCGGGGCCGGCGAGGGG AATTGC CCGGCCGCATTTTCTGCGGGGGATTGGCTGCCGGAGCGATGGTTCCGGCCAATGAAAGGACGAAGGG ATG GCAGAACGCCTAACCAAG GACGTAGAAACGGATAAGCGTTTTCTTCCCAAGACGCGCTGGCTATCTTACCTTCGTAGGGCGCCCCGGCCGCTCCCCTTAACGGGCGCGG CGTAAA AGACGCCCCCTAACCGACGGCCTCGCTACCAAGGCCGGTTACTTTCTGCTTCCC TAC CGTCTTGCGGATTGGTTC
BAB1_2091	CGGGTTAAACGATTTAAAAAAATTTCAAAAATTTTAAATCGATTAAATATTTGAATTTTCTCAATTAATCTGTTTCTGACTGCCATCCCCCATGAAAGCCAAACCAGGGGGACGCATTTTTTTAGTTAGTCAAACAGACGGCGGAGACATC ATG AAAGAGACCGGCATCCAC GCCAATTTTGCTAAATTTTTTTAAAGTTTTTAAATTTAGCTAATTTATAAACTTAAAAGAGTTAATTAGACAAAGACTGACGGTAGGGGGTACTTTCGGTTTGGTCCCCCTG CGTAAAA AAATCAATCAGTTTGCTTGCCGCCTCTGTAG TAC TTTCTCTGGCCGTAGGTG
BAB1_0891	GAGCAGAAAAAATCTGCCCGTTTGCTGTGCGCTCCGCCGAAGCGAGCTGAGCTTTTTTCCGTCAAGATCGGGTCTCACTGTTGACGAAAAGCAGGCGCAACCTGCCTTTTCATGATCTTTTCCGTTCCATATGAAAGACCGGCGTTGTG ATG CGTAGTCGCAGTTTTTTCA CTCGTCTTTTTTAAGACGGGCAAACGGACAGCGGAGGCGGCTTCGCTCGACTCGAAAAAAGGCAGTTCTAGCCCAGAGTGACAACCTGCTTTTTCGTCCGCGTTGGACGGAAAGTACTAGAAAAGGCAAGGTATACTTTCTGGCCGCAACAC TAC GCATCAG CGTCAA AAAGT
BAB2_0762	AACGCCTATGCGGGGAAATCAGCCAGTAGGCTGATTTCTGATCCGGCTTCGATGGA AAATGC GCCAAACAAATAGTTAGAGCAGTTCGCCGTTTCTGTTAAAAATAGGAAACGCTACAATACCCACCCCAACGGCAATGGAACAGCAAA TTG AAAGAAGACGCCACATT TTGCGGATACGCCCTTTAGTCGGTCATCCGACTAAAGACTAGGCCGAAGCTACCTTTTACGCGGTTTTGTTTTATCAATCTCGTCAAGGCGGCAAAGACAATTTATCCTTTGCGATGTTATGGGTGGGGTTGCCGTTACCTTGTGTTTT AAC TTTCTTCTGCGGGTGTA
BAB1_1397	AATATCTTTATTCCATAGAAACATGGGAAAAGCTGTTCTCGTCCGCTGAA AATTGC GCTAAACCACCATCGTCAATAGCTGGGTTTGAGGAGACTTCGCTATTACAAGTTCCGCTGCAAGAGGCGGATAGTCTAATTGAGGAGACTTCCC GTG TTGGACTGGGAAAATGTA TTATAGAAATAAGGTATCTTTGTACCCTTTTCGACAAGAGCAGGCGACTTTTAAACGCGATTGGTGGTAGCAGTTATCGACCCAAACTCCTCTGAAGCGATAATGTTCAAGGCGACGTTCTCCGCCTATCAGATTAACCTCCTCTGAAGGG CAC AACCTGACCTTTTACAT
BAB1_0722	CTCGACAGATTATCTCCACACAATGGGGCATTTCGTGCCGCAATTACCCTCGATATGTACCCCTGTGACGCGGCATGGGCGGTTTACTCCCATGCTGCCCCGCCGATAAGGGACCGCGCAAAACGTAATTTGTGTAAGGAGAATGCC ATG CGCACTCTTAAGTCTCTC GAGCTGTCTAATAGAGGTGTGTTACCC CGTAAA GCACGGCGTTAATGGGAGCTATACAGTGGGGACAGTCGCGCGGTACCCGCCAAATGAGGGCTACGACGGGCGGGCTATTCCCTGGCGCGTTTTGCATTAAACACATTCTCTTACGG TAC CGGTGAGAATTCAGAGAG
BAB1_0589	CTCACAAACGTGCAACCCAGCCGTGCATCAAGCAGCGGCCCATGCAAATTCAACTGTTACCGCGCACCGACCACCCCGGTCTGGTCGCATTTTCGTTAACCTTAAACGTTGTATCTCTATCCCTCTCCCATCATCAATCTGGTTTTTCAT ATG CAAACGACCTTACCCGC GAGTGTTTGACGCTTGGGTGCGCACGTAGTTCTGTCGCCGGTACGTTTAAAGTTGACAAGTGGCGCGTGGCTGGTGGGGGCCAGACCAG CGTAAA GCAATTGGAATTTGCAACATAGAGATAGGGAGAGGGTAGTAGTTAGACCAAAGTA TAC GTTTGCTGGGAATGGGCG
BAB2_0863	TACCTACGCAATTCGCAAGCCGCACTGGAAAACGCCGAAGGGTCGGCCGATTTTGAGCCGTTCAACTGGGAAAAGGAAGGCCGGATGCCGGGTTCCCAGCAAGCCGCAGGCTGAAAAGCCCGTCCTGCAAAAGCTATGGAGACATCTTA ATG TCAAGCTCATCAGATGCG ATGGATG CGTTAA GCGTTTCGGGTGACCTTTTGCGGCCTTCCCAGCCGGCTAAAACTCGGCAAGTTGACCCTTTTCCTTCCGGCTACGGCCCAAGGGTCGTTTCGGCGTCCGACTTTTCGGGCAGGACGTTTTCGATACCTCTGTAGAAT TAC AGTTCGAGTAGTCTACGC