

A

CsFAD2_A	1	ATGGGTGCAGGTGGAAGAATGCCAGTTCCTTCTTCTTCTTCCAAGAAATCTGAAACCGAT
CsFAD2_B	1	ATGGGTGCAGGTGGAAGAATGCCAGTTCCTTCTTCTTCTTCCAAGAAATCAGAAACCGAT
CsFAD2_C	1	ATGGGTGCAGGTGGAAGAATGCCGGTTCCTTCTTCTTCTTCCAAGAAATCAGAAACCGAT
At_FAD2	1	ATGGGTGCAGGTGGAAGAATGCCGGTTCCTTCTTCTTCTTCCAAGAAATCGAAACCGAT
CsFAD2_A	61	GCCATAAAGCGTGTGCCCTGCGAGAAACCAACCGTTCACGCTGGGAGATCTGAAGAAAGCA
CsFAD2_B	61	GCCATAAAGCGTGTGCCCTGCGAGAAACCAACCGTTCACGCTGGGAGAAATGAAGAAAGCA
CsFAD2_C	61	GCCATAAAGCGTGTGCCCTGCGAGAAACCGCGTTCACGCTGGGAGAAATGAAGAAAGCA
At_FAD2	58	ACCACAAAGCGTGTGCCCTGCGAGAAACCGCTTCTCGCTGGGAGATCTGAAGAAAGCA
CsFAD2_A	121	ATCCCACCGCAGTGTTCAAACGCTCTATCCCTCGCTCTTTCTCTACCTTATCACTGAC
CsFAD2_B	121	ATCCCACCGCAGTGTTCAAACGCTCTATCCCTCGCTCTTTCTCTACCTTATCACTGAC
CsFAD2_C	121	ATCCCACCGCAGTGTTCAAACGCTCTATCCCTCGCTCTTTCTCTACCTTATCACTGAC
At_FAD2	118	ATCCCACCGCATGTTCAAACGCTCAATCCCTCGCTCTTTCTCTACCTTATCACTGAC
CsFAD2_A	181	ATCATTATTGCCTCCTGCTTCTACTACGTCGCCACCAATTACTTTCTCTCCTCCCTCAG
CsFAD2_B	181	ATCATTGTTCCTCCTGCTTCTACTACGTCGCCACCAATTACTTCTCTCCTCCCTCAG
CsFAD2_C	181	ATCATTGTTCCTCCTGCTTCTACTACGTCGCCACCAATTACTTCTCTCCTCCCTCAG
At_FAD2	178	ATCATTATAGCCTCATGCTTCTACTACGTCGCCACCAATTACTTCTCTCCTCCCTCAG
CsFAD2_A	241	CCTCTCTCTTACTTGGCTTGGCCCTCTATTGGGCTTGTCAAGGCTGTGTCTTAACCGGT
CsFAD2_B	241	CCTCTCTCTTACTTGGCTTGGCCCTCTCTACTTGGGCTTGTCAAGGCTGTCTTAACCGGT
CsFAD2_C	241	CCTCTCTCTTACTTGGCTTGGCCCTCTATTGGGCTTGTCAAGGCTGTGTCTTAACCGGT
At_FAD2	238	CCTCTCTCTTACTTGGCTTGGCCCTCTCTATTGGGCTGTCAAGGCTGTGTCTTAACCTGGT
		H1
CsFAD2_A	301	GTCTGGGTTCATAGCCACGAATGCGGTCAACACGCATTACGCGACTACCAATGGCTCGAT
CsFAD2_B	301	GTCTGGGTTCATAGCTTACGAATGCGGTCAACACGCATTACGCGACTACCAATGGCTTGAT
CsFAD2_C	301	GTCTGGGTTCATAGCCACGAATGCGGTCAACACGCATTACGCGACTACCAATGGCTTGAT
At_FAD2	298	ATCTGGGTTCATAGCCACGAATGCGGTCAACACGCATTACGCGACTACCAATGGCTGGAT
CsFAD2_A	361	GACACAGTGGGTCTTATCTTCCATTCCCTTCTCTCGTCCCTTACTTCTCCTGGAAGTAC
CsFAD2_B	361	GACACAGTTGGTCTTATCTTCCATTCCCTTCTCTCGTCCCTTACTTCTCCTGGAAGTAC
CsFAD2_C	361	GACACAGTTGGTCTTATCTTCCATTCCCTTCTCTCGTCCCTTACTTCTCCTGGAAGTAC
At_FAD2	358	GACACAGTTGGTCTTATCTTCCATTCCCTTCTCTCGTCCCTTACTTCTCCTGGAAGTAT
		H2
CsFAD2_A	421	AGTCATCGCGGTCAACATTCACACAGGATCTCTCGAAAGAGATGAAGTATTGTGCCA
CsFAD2_B	421	AGTCATCGCGGTCAACATTCACACAGGATCTCTCGAAAGAGATGAAGTATTGTGCCA
CsFAD2_C	421	AGTCATCGCGGTCAACATTCACACAGGATCTCTCGAAAGAGATGAAGTATTGTGCCA
At_FAD2	418	AGTCATCGCGGTCAACATTCACACATGGATCTCTCGAAAGAGATGAAGTATTGTGCCA
CsFAD2_A	481	AAGCAGAACTCGCTATCAAGTGGTATGGCAAATACCTCAACAACCCCTCTGGACGCATC
CsFAD2_B	481	AAGCAGAAATCAGCTATCAAGTGGTATGGCAAATACCTCAACAACCCCTCTGGACGCATC
CsFAD2_C	481	AAGCAGAACTCGCTATCAAGTGGTATGGCAAATACCTCAACAACCCCTCTGGACGCATC
At_FAD2	478	AAGCAGAAATCAGCAATCAAGTGGTATGGCAAATACCTCAACAACCCCTCTGGACGCATC
CsFAD2_A	541	ATGATGTTGACCGTCCAGTTTGTCTCGGGTGGCCCTTGTAAGTGGCCTTTAAGTCTCG
CsFAD2_B	541	ATGATGTTAACCGTCCAGTTTGTCTCGGGTGGCCCTTGTAAGTGGCCTTTAAGTCTCG
CsFAD2_C	541	ATGATGTTAACCGTCCAGTTTGTCTCGGGTGGCCCTTGTAAGTGGCCTTTAAGTCTCG
At_FAD2	538	ATGATGTTAACCGTCCAGTTTGTCTCGGGTGGCCCTTGTAAGTGGCCTTTAAGTCTCT
CsFAD2_A	601	GGCAGACCTACGACGGGTTCGCTTGCCATTTCTTCCCCAACGCTCCCATCTACAACGAC
CsFAD2_B	601	GGCAGACCTACGACGGGTTCGCTTGCCATTTCTTCCCCAACGCTCCCATCTACAACGAC
CsFAD2_C	601	GGCAGACCATACGATGGGTTCGCTTGCCATTTCTTCCCCAACGCTCCCATCTACAACGAC
At_FAD2	598	GGCAGACCTATGACGGGTTCGCTTGCCATTTCTTCCCCAACGCTCCCATCTACAATGAC
CsFAD2_A	661	CGTGAACGCCTCCAGATATATCTCTCTGATGCCGGTATTCTAGCAGTCTGTTTGGGCTT
CsFAD2_B	661	CGTGAACGCCTCCAGATATATCTCTCTGATGCCGGTATTCTAGCAGTCTGTTTGGGCTT
CsFAD2_C	661	CGTGAACGCCTCCAGATATATCTCTCTGATGCCGGTATTCTAGCAGTCTGTTTGGGCTT
At_FAD2	658	CGAAGAACGCCTCCAGATATATCTCTCTGATGCCGGTATTCTAGCAGTCTGTTTGGTCTT

CsFAD2_A 721 TACCGTTACGCGCTGCACAAGGATTGGCCTCGATGATCTGCCTCTACGGAGTACCACTT
CsFAD2_B 721 TACCGTTACGCGTGCACAAGGAATGGCCTCGATGATCTGCCTCTACGGAGTACCGCTT
CsFAD2_C 721 TACCGTTACGCGCTGCACAAGGATTGGCCTCGATGATCTGCCTCTACGGAGTACCACTT
At_FAD2 718 TACCGTTACGCGTGCACAAGGCATGGCCTCGATGATCTGCCTCTACGGAGTACCGCTT

CsFAD2_A 781 CTGATAGTGAACGCGTTCCTCGTCTTGATCACTTACTTGCAGCACACTCATCCTGCGTTG
CsFAD2_B 781 CTGATAGTGAACGCGTTCCTCGTCTTGATCACTTACTTGCAGCACACTCATCCTGCGTTG
CsFAD2_C 781 CTGATAGTGAACGCGTTCCTCGTCTTGATCACTTACTTGCAGCACACTCATCCTGCGTTG
At_FAD2 778 CTGATAGTGAAATGCGTTCCTCGTCTTGATCACTTACTTGCAGCACACTCATCCTGCGTTG

CsFAD2_A 841 CCTCACTACGATTTCATCCGAGTGGGATTGGCTTAGGGGAGCTTTGGCTACCGTAGACAGA
CsFAD2_B 841 CCTCACTACGATTTCATCCGAGTGGGATTGGCTTAGGGGAGCTTTGGCTACCGTAGACAGA
CsFAD2_C 841 CCTCACTACGATTTCATCCGAGTGGGATTGGCTTAGGGGAGCTTTGGCTACCGTAGACAGA
At_FAD2 838 CCTCACTACGATTTCATCAGAGTGGGATGGCTCAGGGGAGCTTTGGCTACCGTAGACAGA

H3

CsFAD2_A 901 GACTATGGAATCTTGAATTAAGGTGTTCCACAACATCACGGACACACATGTGGCTCATCAT
CsFAD2_B 901 GACTATGGAATCTTGAACAAGGTGTTCCACAACATCACGGACACACATGTGGCTCATCAT
CsFAD2_C 901 GACTATGGAATCTTGAACAAGGTGTTCCACAACATCACGGACACACATGTGGCTCATCAT
At_FAD2 898 GACTACGGAATCTTGAACAAGGTGTTCCACAACATTACAGACACACATGTGGCTCATCAC

CsFAD2_A 961 CTGTTCTCGACAATGCCGATTATAATGCGATGGAAGCTACAAAGGCGATAAAGCCAATA
CsFAD2_B 961 CTGTTCTCGACAATGCCGATTATAATGCGATGGAAGCTACAAAGGCGATAAAGCCAATA
CsFAD2_C 961 CTGTTCTCGACAATGCCGATTATAATGCGATGGAAGCTACAAAGGCGATAAAGCCAATA
At_FAD2 958 CTGTTCTCGACAATGCCGATTATAACGCAATGGAAGCTACAAAGGCGATAAAGCCAATT

CsFAD2_A 1021 CTCGGTGACTATTACCAGTTCGACGGAACACCATGGTATGTGGCCATGTATAGGGAGGCCA
CsFAD2_B 1021 CTCGGTGACTATTACCAGTTCGACGGAACACCGTGGTATGTGGCCATGTATAGGGAGGCCA
CsFAD2_C 1021 CTCGGTGACTATTACCAGTTCGACGGAACACCATGGTATGTGGCCATGTATAGGGAGGCCA
At_FAD2 1018 CTGGGAGACTATTACCAGTTCGATGGAACACCGTGGTATGTAGCCATGTATAGGGAGGCCA

CsFAD2_A 1081 AAGGAGTGTATCTATGTAGAACCGGACAGGGAAGGTGACAAGAAAGGTGTGTACTGGTAC
CsFAD2_B 1081 AAGGAGTGTATCTATGTAGAACCGGACAGGAAGGTGACAAGAAAGGTGTGTACTGGTAC
CsFAD2_C 1081 AAGGAGTGTATCTATGTAGAACCGGACAGGGAAGGTGACAAGAAAGGTGTGTACTGGTAC
At_FAD2 1078 AAGGAGTGTATCTATGTAGAACCGGACAGGGAAGGTGACAAGAAAGGTGTGTACTGGTAC

CsFAD2_A 1141 AACAAATAAGTTATGA
CsFAD2_B 1141 AACAAATAAGTTATGA
CsFAD2_C 1141 AACAAATAAGTTATGA
At_FAD2 1138 AACAAATAAGTTATGA

B

CsFAE1_A 1 ATGACGTCATTAAAGCTAAAGCTCCTTTACCATTACGTCCTAACCAACTTTTTCAACCTT
CsFAE1_B 1 ATGACGTCATTAAAGCTAAAGCTCCTTTACCATTACGTCCTAACCAACTTTTTCAACCTT
CsFAE1_C 1 ATGACGTCATTAAAGCTAAAGCTCCTTTACCATTACGTCCTAACCAACTTTTTCAACCTT
At_FAE1 1 ATGACGTCCTTAAAGCTAAAGCTCCTTTACCCTTACGTCCTAACCAACTTTTTCAACCTT

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CsFAE1_C 61 TGCTTGTTTCCGTTAACGGCGTTACTTGCCGGAAAAGCCTCTACGCTTACCACAAACGAT
At_FAE1 61 TGTTTGTTCCCGTTAACGGCGTTCTCGCCGGAAAAGCCTCTCGGCTTACCATAAACGAT

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CsFAE1_B 121 CTCTACCACTTCTATTCCCATCTCCAACACAACCTTATAACCGTAATTTTACTCTTTGCT
CsFAE1_C 121 CTCTACCACTTCTATTCCCATCTCCAACACAACCTTATAACCGTAATTTTACTCTTTGCT
At_FAE1 121 CTCACAACTTCTTCTCTATCTCCAACACAACCTTATAACAGTAACCTTACTCTTTGCT

CsFAE1_A 181 TTCACCGCTTTCGGTTTGTTTCTCTACATTGTAACCCGGCCCCAACCGGTTTACCTCGTT
CsFAE1_B 181 TTCACCGCTTTCGGTTTGTTTCTCTACATTGTAACCCGGCCCCAACCGGTTTACCTCGTT
CsFAE1_C 181 TTCACCTTTCGGTTTGTTTCTCTACCTTGTAACCCGGCCCCAACCGGTTTACCTCGTT
At_FAE1 181 TTCACCTTTCGGTTTGTTTCTCTACATCGTAACCCGACCAATCCGGTTTATCTCGTT

CsFAE1_A 241 GACTACTCGTGCTACCTTCCACCACCGCATCTCAAAGTTAGTGTTTCAAAGGCGATGGAT
CsFAE1_B 241 GACTACTCGTGCTACCTTCCACCACCGCATCTCAAAGTTAGTGTTTCAAAGGCGATGGAT
CsFAE1_C 241 GACTACTCGTGCTACCTTCCACCACCGCATCTCAAAGTTAGTGTTTCAAAGGCGATGGAT
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CsFAE1_B 358 TCCTCGCTTGATTTCCTGAGGAAGATTCAAGAACGTTCAGGTCTAGGTGATGAAACCTAC
CsFAE1_C 358 TCCTCGCTTGATTTCCTGAGGAAGATTCAAGAACGTTCAGGTCTAGGTGATGAAACCTAC
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CsFAE1_A 418 AGTCCCCAGGGACTCATTACAGTGCCCCACGAAAGACCTTTGCAGCTTCACGTGAAGAG
CsFAE1_B 418 AGTCCCCAGGGACTCATTACAGTGCCCCACGAAAGACCTTTGCAGCTTCACGTGAAGAG
CsFAE1_C 418 AGTCCCCAGGGACTCATTACAGTGCCCCACGAAAGACCTTTGCAGCTTCACGTGAAGAG
At_FAE1 421 AGTCTTGAGGGACTCATTACAGTACCAACCGGAAGACTTTTGCAGCTTCACGTGAAGAG

CsFAE1_A 478 ACAGAGCAGGTAATCATCGGTGCGCTAGATTAAAGCTATTCGAGAAATACCAAAGTTAACCTT
CsFAE1_B 478 ACAGAGCAGGTAATCATCGGTGCGCTAGAAAAGCTATTTCGAGAAACACCAAAGTTAACCTT
CsFAE1_C 478 ACAGAGCAGGTAATCATCGGTGCGTTAGAAAAGCTATTTCGAGAAACACCAAAGTTAACCTT
At_FAE1 481 ACAGAGAAAGTTATCATCGGTGCGCTCGAAAATCTATTTCGAGAAACACCAAAGTTAACCTT

CsFAE1_A 538 AGAGAAATTGGTATACTTGTGGTCAACTCAAGCATGTTTAATCCAACCTCTTCGCTATCT
CsFAE1_B 538 AGAGAGATTGGTATACTTGTGGTCAACTCAAGCATGTTTAATCCAACCTCTTCGCTATCT
CsFAE1_C 538 AGAGAGATTGGTATACTTGTGGTCAACTCAAGCATGTTTAATCCAACCTCTTCGCTATCT
At_FAE1 541 AGAGAGATTGGTATACTTGTGGTCAACTCAAGCATGTTTAATCCAACCTCTTCGCTATCT

CsFAE1_A 598 GCGATGGTCGTTAATACTTTCAAGCTTCGAAGCAACATCAAAAGCTTTAGTCTCGGAGGA
CsFAE1_B 598 GCGATGGTCGTTAATACTTTCAAGCTCCGAAGCAACATCAAAAGCTTTAGTCTCGGAGGA
CsFAE1_C 598 GCGATGGTCGTTAATACTTTCAAGCTCCGAAGCAACATCAAAAGCTTTAGTCTCGGAGGA
At_FAE1 601 GCTATGGTCGTTAATACTTTCAAGCTCCGAAGCAACATCAAAAGCTTTAATCTAGGAGGA

CsFAE1_A 658 ATGGGTTGTAGTGCTGGTGTATCGCCATTGATCTTGCAAAGGACTTGTGTCATGTTTCAT
CsFAE1_B 658 ATGGGTTGTAGTGCTGGTGTATCGCCATTGATCTTGCAAAGGACTTGTGTCATGTTTCAT
CsFAE1_C 658 ATGGGTTGTAGTGCTGGTGTATCGCCATTGATCTTGCAAAGGACTTGTGTCATGTTTCAT
At_FAE1 661 ATGGGTTGTAGTGCTGGTGTATCGCCATTGATCTTGCAAAGGACTTGTGTCATGTTTCAT

CsFAE1_A 718 AAAAAACACTTATGCACTTGTGGTGAGCACTGAGAACATCACTCAAGGCATTTATGCTGGC
 CsFAE1_B 718 AAAAAACACTTATGCACTTGTGGTGAGCACTGAGAACATCACTCAAGGCATTTATGCTGGC
 CsFAE1_C 718 AAAACACACTTATGCACTTGTGGTGAGCACTGAGAACATCACTCAAGGCATTTATGCTGGC
 At_FAE1 721 AAAAAACACTTATGCTCTTGTGGTGAGCACTGAGAACATCACACAAGGCATTTATGCTGGCA

C

CsFAE1_A 778 GAAAAATAGATCCATGATGGTTAGCAATTGCTTGTTCCGTGTTGGTGGCCGACGCGATTTTG
 CsFAE1_B 778 GAAAAACAGATCCATGATGGTTAGCAATTGCTTGTTTCGTGTTGGTGGGCGACGCGATTTTG
 CsFAE1_C 778 GAAAAATAGATCCATGATGGTTAGCAATTGCTTGTTTCGTGTTGGTGGGCGACGCGATTTTG
 At_FAE1 781 GAAAAATAGATCAATGATGGTTAGCAATTGCTTGTTTCGTGTTGGTGGGCGCGATTTTG

CsFAE1_A 838 CTCTCCAACAAGCCAGGAGATCGGAGACGGTCCAAGTACAAGTTATGTCATACTGTTCCGA
 CsFAE1_B 838 CTCTCCAACAACAATGGGAGATCGGAGACGGTCCAAGTACAAGCTATGTCATACTGTTCCGA
 CsFAE1_C 838 CTATCCAACAAGCCGGGAGATCGGAGACGGTCCAAGTACAAGCTATGTCACACGGTTCGGC
 At_FAE1 841 CTCTCTTAACAAGTCGGGAGACCGGAGACGGTCCAAGTACAAGCTAGTTTCAACACGGTCCGA

H C

CsFAE1_A 898 ACGCATACCGGAGCTGATGACATGTCTTTTCGATGTGTGCAACAAGGAGACGATGAGAGC
 CsFAE1_B 898 ACGCATACCGGAGCTGATGACAAGTCTTTTCGATGTGTGCAACAAGGAGACGATGAGAGC
 CsFAE1_C 898 ACTCATACCGGAGCTGATGACAAGTCTTTTCGATGTGTGCAACAAGGAGACGATGAGAGC
 At_FAE1 901 ACGCATACTGGAGCTGATGACAAGTCTTTTCGATGTGTGCAACAAGTAGACGATGAGAGC

CsFAE1_A 958 GGTAAAATCGGAGTTTGTCTGTCAAAGGACATAACCGTTGTTGCGGGGATAGCGCTTAAG
 CsFAE1_B 958 GGTAAAATCGGAGTTTGTCTGTCAAAGGACATAACCGTTGTTGCGGGGACAGCGCTTAAG
 CsFAE1_C 958 GGTAAAATCGGAGTTTGTCTGTCAAAGGACATAACAAGTTGTTGCGGGGACAGCGCTTAAG
 At_FAE1 961 GGCAAAATCGGAGTTTGTCTGTCAAAGGACATAACCAATGTTGCGGGGACAACTTACG

CsFAE1_A 1018 AAAAAATAGCAACGTTGGGTCCGTTGATTCTTCTTTAAGCGAAAAATTTCTGTTTTTA
 CsFAE1_B 1018 AAAAAATAGCAACGTTGGGTCCGTTGATTCTTCTTTAAGCGAAAAGTTTCTGTTTTTA
 CsFAE1_C 1018 AAAAAATAGCAACGTTAGGTCCGTTGATTCTTCTTTAAGCGAAAAGTTTCTGTTCTTA
 At_FAE1 1021 AAAAAATATAGCAACATTGGGTCCGTTGATTCTTCTTTAAGCGAAAAGTTTCTTTTTTC

CsFAE1_A 1078 GTTACCTTTCATCGCCAAGAACTTTTGAAGGACAAGATCAAGCACTATTACGTCCTCGGAT
 CsFAE1_B 1078 GTTACCTTTCATCGCCAAGAACTTTTGAAGGACAAGATCAAGCACTGTTACGTCCTCGGAT
 CsFAE1_C 1078 GTTACCTTTCATCGCCAAGAACTTTTGAAGGACAAGATCAAGCACTATTACGTCCTCGGAT
 At_FAE1 1081 GCTACCTTTCATCGCCAAGAACTTCTTAAGGATTAATATCAAGCATTAATATGTTCCGGAT

H C H

CsFAE1_A 1138 TTCAAGCTTGCTATTGACCATTTCTGTATTTCATGCGGGAGGCAGAGCCGTGATCGATGTG
 CsFAE1_B 1138 TTCAAGCTTGCTATCGACCATTTCTGTATTTCATGCGGGAGGCAGAGCCGTGATCGATGTG
 CsFAE1_C 1138 TTCAAGCTTGCTATTGACCATTTCTGTATTTCATGCGGGAGGCAGAGCCGTGATCGATGTG
 At_FAE1 1141 TTCAAGCTTGCTTTGACCATTTCTGTATTTCATGCGGGAGGCAGAGCCGTGATCGATGAG

H

CsFAE1_A 1198 CTTGAGAAGAGCTTAGGACTATCTCCAATCGATGTGGAGGCATCTAGATCAACGTTACATC
 CsFAE1_B 1198 CTTGAGAAGAGCTTAGGACTATCGCCAATCGATGTGGAGGCATCTAGATCAACGTTACAT
 CsFAE1_C 1198 CTTGAGAAGAGCTTAGGACTATCGCCAATCGATGTGGAGGCATCTAGATCAACGTTACAT
 At_FAE1 1201 CTAGAGAAGAACTTAGGACTATCGCCATCGATGTGGAGGCATCTAGATCAACGTTACAT

N

CsFAE1_A 1258 AGATTGGAATACTTCGTCTAGCTCAATTTGGTATGAATTGGCATACATAGAAGCAAAA
 CsFAE1_B 1258 AGATTGGAATACTTCGTCTAGCTCAATTTGGTATGAATTGGCATACATAGAAGCAAAA
 CsFAE1_C 1258 AGATTGGAATACTTCGTCTAGCTCAATTTGGTATGAATTGGCATACATAGAAGCAAAA
 At_FAE1 1261 AGATTGGAATACTTCTCTAGCTCAATTTGGTATGAATTAGCATACATAGACGCAAAAC

C

CsFAE1_A 1318 GGAAGGATGAAGAAAGGGAATAGAGCTTGGCAGATTGCTTTAGGGTCAGGATTTAAGTGT
 CsFAE1_B 1318 GGAAGGATGAAGAAAGGGAATAGAGCTTGGCAGATTGCTTTAGGGTCAGGATTTAAGTGT
 CsFAE1_C 1318 GGAAGGATGAAGAAAGGGAATAGAGCTTGGCAGATTGCTTTAGGGTCAGGATTTAAGTGT
 At_FAE1 1321 GGAAGATGAAGAAAGGGAATAAGCTTGGCAGATTGCTTTAGGATCAGGATTTAAGTGT

CsFAE1_A 1378 AACAGTGCGGTTTGGGTGGCTCTATGCAATGTCAAGGCTTCGGCGAATAGTCCTTGGGAA
 CsFAE1_B 1378 AACAGTGCGGTTTGGGTGGCTCTATGCAATGTCAAGGCTTCGGCGAATAGTCCTTGGGAA
 CsFAE1_C 1378 AACAGTGCGGTTTGGGTGGCTCTATGCAATGTCAAGGCTTCGGCGAATAGTCCTTGGGAA
 At_FAE1 1381 AATAGTGCGGTTTGGGTGGCTCTACGCAATGTCAAGGCTTCGGCAATAGTCCTTGGCAA

CsFAE1_A 1438 CATTGCATCGATAGATATCCGGTTCAAATTGATTCTGGTTCATCAAAATCAGATTACTCAT
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CsFAE1_C 1438 CATTGCATCGATAGATATCCGGTTCAAATTGATTCTGATTTCATCAAAATCAGAGACTCAT
At_FAE1 1441 CATTGCATCGATAGATATCCGGTTCAAATTGATTCTGATTTCCTCAAAGTCAAGACTCAT

CsFAE1_A 1498 GTCAAAAACGGTCGGTCCTAA
CsFAE1_B 1498 GTCAAAAACGGTCGGTCCTAA
CsFAE1_C 1498 GTCAAAAACGGTCGGTCCTAA
At_FAE1 1501 GTCCTCAAACGGTCGGTCCTAA