

Eef1a_gDNA_295-8_2.4kb_allele_clone2 **GTAGAAACTGGTGTATTGTCCCCTGGTATGATCGTTACATTTGCCCTGCCAATGTAACC** 60
 Eef1a_gDNA_295-8_2.4kb_allele_clone1 GTAGAAACTGGTGTATTGTCCCCTGGTATGATCGTTACATTTGCCCTGCCAATGTAACC 60
 EF1a_gDNA_295-8_2.4kb_allele_clone3 GTAGAAACTGGTGTATTGTCCCCTGGTATGATCGTTACATTTGCCCTGCCAATGTAACC 60
 EF1a_gDNA_295-8_2kb_allele_clone2 GTAGAAACTGGTGTATTGTCCCCTGGTATGATCGTTACATTTGCCCTGCCAATGTAACC 60
 EF1a_gDNA_295-8_2kb_allele_clone3 GTAGAAACTGGTGTATTGTCCCCTGGTATGATCGTTACATTTGCCCTGCCAATGTAACC 60
 Eef1a_gDNA_295-8_2kb_allele_clone5 **GC**AGAAACTGGTGTATTGTCCCCTGGTATGATCGTTACATTTGCCCTGCCAATGTAACC 60

Eef1a_gDNA_295-8_2.4kb_allele_clone2 **ACTGAGGTCAAATCTGTAGAAATGCACCACGAATCCTTAACTGAAGCACATCCAGGTGAT** 120
 Eef1a_gDNA_295-8_2.4kb_allele_clone1 ACTGAGGTCAAATCTGTAGAAATGCACCACGAATCCTTAACTGAAGCACATCCAGGTGAT 120
 EF1a_gDNA_295-8_2.4kb_allele_clone3 ACTGAGGTCAAATCTGTAGAAATGCACCACGAATCCTTAACTGAAGCACATCCAGGTGAT 120
 EF1a_gDNA_295-8_2kb_allele_clone2 ACTGAGGTCAAATCTGTAGAAATGCACCACGAATCCTTAACTGAAGCACATCCAGGTGAT 120
 EF1a_gDNA_295-8_2kb_allele_clone3 ACTGAGGTCAAATCTGTAGAAATGCACCACGAATCCTTAACTGAAGCACATCCAGGTGAT 120
 Eef1a_gDNA_295-8_2kb_allele_clone5 ACTGAGGTCAAATCTGTAGAAATGCACCACGAATCCTTAACTGAAGCACATCCAGGTGAT 120

Eef1a_gDNA_295-8_2.4kb_allele_clone2 **AATGTTGGTTTTAATGTCAAAAATGTGTCTATCAAGGATATCAAACGTGGTATGGTTGCG** 180
 Eef1a_gDNA_295-8_2.4kb_allele_clone1 AATGTTGGTTTTAATGTCAAAAATGTGTCTATCAAGGATATCAAACGTGGTATGGTTGCG 180
 EF1a_gDNA_295-8_2.4kb_allele_clone3 AATGTTGGTTTTAATGTCAAAAATGTGTCTATCAAGGATATCAAACGTGGTATGGTTGCG 180
 EF1a_gDNA_295-8_2kb_allele_clone2 AATGTTGGTTTTAATGTCAAAAATGTGTCTATCAAGGATATCAAACGTGGTATGGTTGCG 180
 EF1a_gDNA_295-8_2kb_allele_clone3 AATGTTGGTTTTAATGTCAAAAATGTGTCTATCAAGGATATCAAACGTGGTATGGTTGCG 180
 Eef1a_gDNA_295-8_2kb_allele_clone5 AATGTTGGTTTTAATGTCAAAAATGTGTCTATCAAGGATATCAAACGTGGTATGGTTGCG 180

Eef1a_gDNA_295-8_2.4kb_allele_clone2 **TCTGACAGCAAAAATGATCCAGCCAAAGAAGCCAAAACCTTTTATGCACAGGTATTCCTTT** 240
 Eef1a_gDNA_295-8_2.4kb_allele_clone1 TCTGACAGCAAAAATGATCCAGCCAAAGAAGCCAAAACCTTTTATGCACAGGTATTCCTTT 240
 EF1a_gDNA_295-8_2.4kb_allele_clone3 TCTGACAGCAAAAATGATCCAGCCAAAGAAGCCAAAACCTTTTATGCACAGGTATTCCTTT 240
 EF1a_gDNA_295-8_2kb_allele_clone2 TCTGACAGCAAAAATGATCCAGCCAAAGAAGCCAAAACCTTTTATGCACAGGTATTCCTTT 240
 EF1a_gDNA_295-8_2kb_allele_clone3 TCTGACAGCAAAAATGATCCAGCCAAAGAAGCCAAAACCTTTTATGCACAGGTATTCCTTT 240
 Eef1a_gDNA_295-8_2kb_allele_clone5 TCTGACAGCAAAAATGATCCAGCCAAAGAAGCCAAAACCTTTTATGCACAGGTATTCCTTT 240

Eef1a_gDNA_295-8_2.4kb_allele_clone2 **AATTTTTGTA**CTTAACTTATCAGTTTGTATAAGCGTGTGGCCGTGGCTTGCCACTTGCT 300
 Eef1a_gDNA_295-8_2.4kb_allele_clone1 AATTTTTGTACTTAACTTATCAGTTTGTATAAGCGTGTGGCCGTGGCTTGCCACTTGCT 300
 EF1a_gDNA_295-8_2.4kb_allele_clone3 AATTTTTGTACTTAACTTATCAGTTTGTATAAGCGTGTGGCCGTGGCTTGCCACTTGCT 300
 EF1a_gDNA_295-8_2kb_allele_clone2 AATTTTTGTACTTAACTTATCAGTTTGTATAAGCGTGTGGCCGTGGCTTGCCACTTGCT 300
 EF1a_gDNA_295-8_2kb_allele_clone3 AATTTTTGTACTTAACTTATCAGTTTGTATAAGCGTGTGGCCGTGGCTTGCCACTTGCT 300
 Eef1a_gDNA_295-8_2kb_allele_clone5 AATTTTTGTACTTAACTTATCAGTTTGTATAAGCGTGTGGCCGTGGCTTGCCACTTGCT 300

Eef1a_gDNA_295-8_2.4kb_allele_clone2 **TAGCATGATAAATCAATCAACTTGACATTCCATCAATTTTGTTC AACAGAAACAGGACCT** 360
 Eef1a_gDNA_295-8_2.4kb_allele_clone1 TAGCATGATAAATCAATCAACTTGACATTCCATCAATTTTGTTC AACAGAAACAGGACCT 360
 EF1a_gDNA_295-8_2.4kb_allele_clone3 TAGCATGATAAATCAATCAACTTGACATTCCATCAATTTTGTTC AACAGAAACAGGACCT 360
 EF1a_gDNA_295-8_2kb_allele_clone2 TAGCATGATAAATCAATCAACTTGACATTCCATCAATTTTGTTC AACAGAAACAGGACCT 360
 EF1a_gDNA_295-8_2kb_allele_clone3 TAGCATGATAAATCAATCAACTTGACATTCCATCAATTTTGTTC AACAGAA**AGC**AGGACCT 360
 Eef1a_gDNA_295-8_2kb_allele_clone5 TAGCATGATAAATCAATCAACTTGACATTCCATCAATTTTGTTC AACAGAAACAGGACCT 360

Eef1a_gDNA_295-8_2.4kb_allele_clone2 **TTAAATAGCAAAACAAAATATTGAAATAAAACTGTATGATTTTGTCACTATCGTTTATGTG** 420
 Eef1a_gDNA_295-8_2.4kb_allele_clone1 TTAAATAGCAAAACAAAATATTGAAATAAAACTGTATGATTTTGTCACTATCGTTTATGTG 420
 EF1a_gDNA_295-8_2.4kb_allele_clone3 TTAAATAGCAAAACAAAATATTGAAATAAAACTGTATGATTTTGTCACTATCGTTTATGTG 420
 EF1a_gDNA_295-8_2kb_allele_clone2 TTAAATAGCAAAACAAAATATTGAAATAAAACTGTATGATTTTGTCACTATCGTTTATGTG 420
 EF1a_gDNA_295-8_2kb_allele_clone3 TTAAATAGCAAAACAAAATATTGAAATAAAACTGTATGATTTTGTCACTATCGTTTATGTG 420
 Eef1a_gDNA_295-8_2kb_allele_clone5 TTAAATAGCAAAACAAAATATTGAAATAAAACTGTATGATTTTGTCACTATCGTTTATGTG 420

Supporting Figure S2

Eef1a_gDNA_295-8_2.4kb_allele_clone2 CCCACCATGAAAATTTTACAAAGAAGTGGAACGTGTTTGAAAGTTCATTAGCAAGAACAAA 480
 Eef1a_gDNA_295-8_2.4kb_allele_clone1 CCCACCATGAAAATTTTACAAAGAAGTGGAACGTGTTTGAAAGTTCATTAGCAAGAACAAA 480
 EF1a_gDNA_295-8_2.4kb_allele_clone3 CCCACCATGAAAATTTTACAAAGAAGTGGAACGTGTTTGAAAGTTCATTAGCAAGAACAAA 480
 EF1a_gDNA_295-8_2kb_allele_clone2 CCCACCATGAAAATTTTACAAAGAAGTGGAACGTGTTTGAAAGTTCATTAGCAAGAACAAA 480
 EF1a_gDNA_295-8_2kb_allele_clone3 CCCACCATGAAAATTTTACAAAGAAGTGGAACGTGTTTGAAAGTTCATTAGCAAGAACAAA 480
 Eef1a_gDNA_295-8_2kb_allele_clone5 CCCACCATGAAAATTTTACAAAGAAGTGGAACGTGTTTGAAAGTTCATTAGCAAGAACAAA 480

Eef1a_gDNA_295-8_2.4kb_allele_clone2 TCCTAGAAATGTTAGATTTGTGTCAAGAATTC - - AAGATTTTTGTTTCTTGCCAAGT TT 538
 Eef1a_gDNA_295-8_2.4kb_allele_clone1 TCCTAGAAATGTTAGATTTGTGTCAAGAATTC - - AAGATTTTTGTTTCTTGCCAAGT TT 538
 EF1a_gDNA_295-8_2.4kb_allele_clone3 TCCTAGAAATGTTAGATTTGTGTCAAGAATTC - - AAGATTTTTGTTTCTTGCCAAGT TT 538
 EF1a_gDNA_295-8_2kb_allele_clone2 TCCTAGAAATGTTAGATTTGTGTCAAGAATTC TTAAGATTTTTGTTTCTTGCCAAGT AT 540
 EF1a_gDNA_295-8_2kb_allele_clone3 TCCTAGAAATGTTAGATTTGTGTCAAGAATTC TTAAGATTTTTGTTTCTTGCCAAGT AT 540
 Eef1a_gDNA_295-8_2kb_allele_clone5 TCCTAGAAATGTTAGATTTGTGTCAAGAATTC TTAAGATTTTTGTTTCTTGCCAAGT AT 540

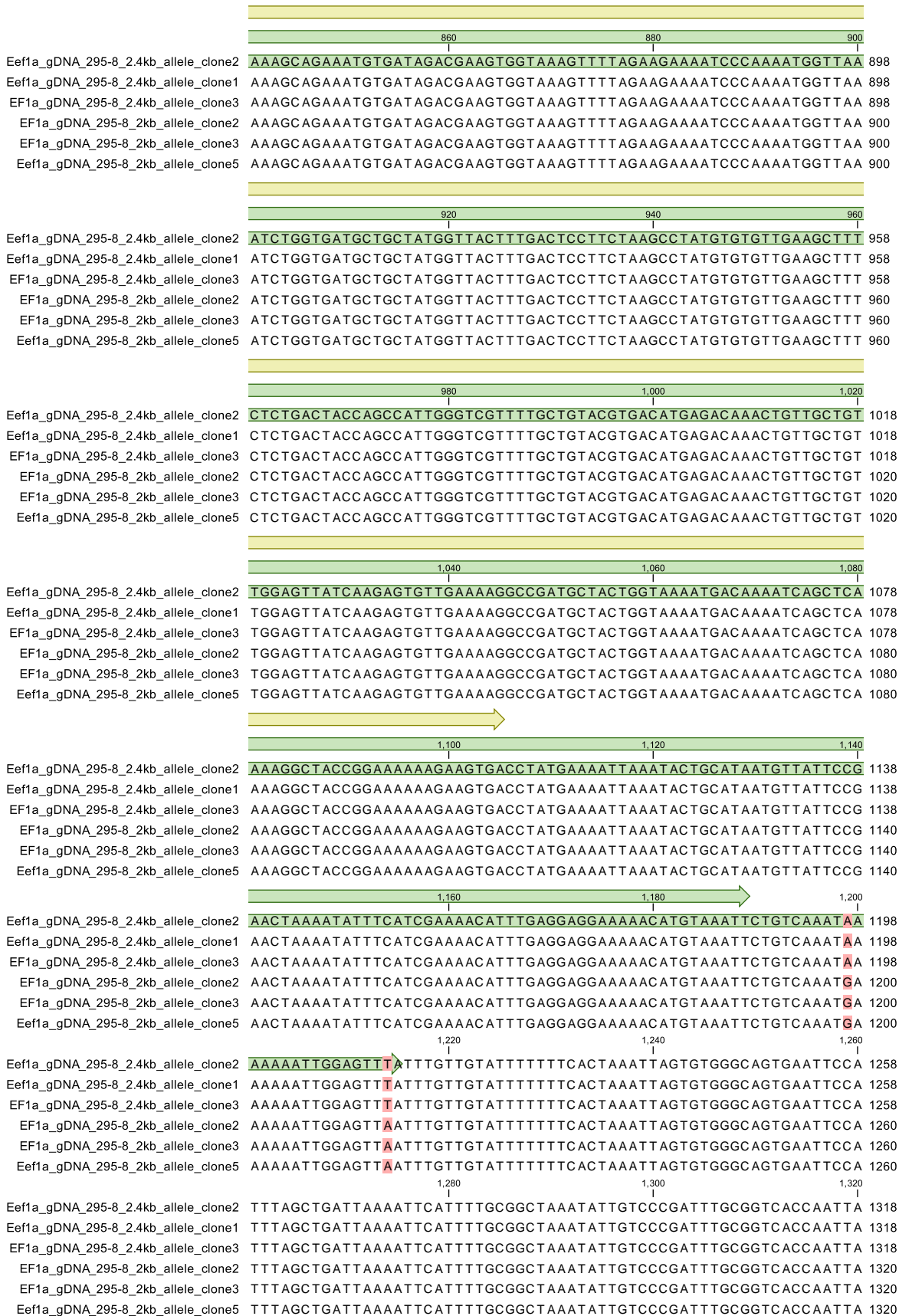
Eef1a_gDNA_295-8_2.4kb_allele_clone2 TTAGCACTTGCTTAGGGAACATTTAAAATATTAATTTTTATTGAATAAAGAACCAACCT 598
 Eef1a_gDNA_295-8_2.4kb_allele_clone1 TTAGCACTTGCTTAGGGAACATTTAAAATATTAATTTTTATTGAATAAAGAACCAACCT 598
 EF1a_gDNA_295-8_2.4kb_allele_clone3 TTAGCACTTGCTTAGGGAACATTTAAAATATTAATTTTTATTGAATAAAGAACCAACCT 598
 EF1a_gDNA_295-8_2kb_allele_clone2 TTAGCACTTGCTTAGGGAACATTTAAAATATTAATTTTTATTGAATAAAGAACCAACCT 600
 EF1a_gDNA_295-8_2kb_allele_clone3 TTAGCACTTGCTTAGGGAACATTTAAAATATTAATTTTTATTGAATAAAGAACCAACCT 600
 Eef1a_gDNA_295-8_2kb_allele_clone5 TTAGCACTTGCTTAGGGAACATTTAAAATATTAATTTTTATTGAATAAAGAACCAACCT 600

Eef1a_gDNA_295-8_2.4kb_allele_clone2 GTTTGACTTTTATTAGTAATAAAGCTAAAATTATGGCCTAAATCATAATTTATTATGTGA 658
 Eef1a_gDNA_295-8_2.4kb_allele_clone1 GTTTGACTTTTATTAGTAATAAAGCTAAAATTATGGCCTAAATCATAATTTATTATGTGA 658
 EF1a_gDNA_295-8_2.4kb_allele_clone3 GTTTGACTTTTATTAGTAATAAAGCTAAAATTATGGCCTAAATCATAATTTATTATGTGA 658
 EF1a_gDNA_295-8_2kb_allele_clone2 GTTTGACTTTTATTAGTAATAAAGCTAAAATTATGGCCTAAATCATAATTTATTATGTGA 660
 EF1a_gDNA_295-8_2kb_allele_clone3 GTTTGACTTTTATTAGTAATAAAGCTAAAATTATGGCCTAAATCATAATTTATTATGTGA 660
 Eef1a_gDNA_295-8_2kb_allele_clone5 GTTTGACTTTTATTAGTAATAAAGCTAAAATTATGGCCTAAATCATAATTTATTATGTGA 660

Eef1a_gDNA_295-8_2.4kb_allele_clone2 TTTGGGAAAGAAATTTGTGTTGATTTTTCCATTAATATTGT AAAAAACAAAATCGAAAGTT 718
 Eef1a_gDNA_295-8_2.4kb_allele_clone1 TTTGGGAAAGAAATTTGTGTTGATTTTTCCATTAATATTGT AAAAAACAAAATCGAAAGTT 718
 EF1a_gDNA_295-8_2.4kb_allele_clone3 TTTGGGAAAGAAATTTGTGTTGATTTTTCCATTAATATTGT AAAAAACAAAATCGAAAGTT 718
 EF1a_gDNA_295-8_2kb_allele_clone2 TTTGGGAAAGAAATTTGTGTTGATTTTTCCATTAATATTGT GAAAAACAAAATCGAAAGTT 720
 EF1a_gDNA_295-8_2kb_allele_clone3 TTTGGGAAAGAAATTTGTGTTGATTTTTCCATTAATATTGT GAAAAACAAAATCGAAAGTT 720
 Eef1a_gDNA_295-8_2kb_allele_clone5 TTTGGGAAAGAAATTTGTGTTGATTTTTCCATTAATATTGT GAAAAACAAAATCGAAAGTT 720

Eef1a_gDNA_295-8_2.4kb_allele_clone2 AATTTCTTTCAAAAATTACTTTTAGTCATCATTCTCAATCATCCAGGTGAGATTCATGC 778
 Eef1a_gDNA_295-8_2.4kb_allele_clone1 AATTTCTTTCAAAAATTACTTTTAGTCATCATTCTCAATCATCCAGGTGAGATTCATGC 778
 EF1a_gDNA_295-8_2.4kb_allele_clone3 AATTTCTTTCAAAAATTACTTTTAGTCATCATTCTCAATCATCCAGGTGAGATTCATGC 778
 EF1a_gDNA_295-8_2kb_allele_clone2 AATTTTTTTCAAAAATTACTTTTAGTCATCATTCTCAATCATCCAGGTGAGATTCATGC 780
 EF1a_gDNA_295-8_2kb_allele_clone3 AATTTTTTTCAAAAATTACTTTTAGTCATCATTCTCAATCATCCAGGTGAGATTCATGC 780
 Eef1a_gDNA_295-8_2kb_allele_clone5 AATTTTTTTCAAAAATTACTTTTAGTCATCATTCTCAATCATCCAGGTGAGATTCATGC 780

Eef1a_gDNA_295-8_2.4kb_allele_clone2 TGGTTACCAACCTGTTTTGGATTGCCACACTGCTCACGTTGCCTGCAAAATTTACAGAATT 838
 Eef1a_gDNA_295-8_2.4kb_allele_clone1 TGGTTACCAACCTGTTTTGGATTGCCACACTGCTCACGTTGCCTGCAAAATTTACAGAATT 838
 EF1a_gDNA_295-8_2.4kb_allele_clone3 TGGTTACCAACCTGTTTTGGATTGCCACACTGCTCACGTTGCCTGCAAAATTTACAGAATT 838
 EF1a_gDNA_295-8_2kb_allele_clone2 TGGTTACCAACCTGTTTTGGATTGCCACACTGCTCACGTTGCCTGCAAAATTTACAGAATT 840
 EF1a_gDNA_295-8_2kb_allele_clone3 TGGTTACCAACCTGTTTTGGATTGCCACACTGCTCACGTTGCCTGCAAAATTTACAGAATT 840
 Eef1a_gDNA_295-8_2kb_allele_clone5 TGGTTACCAACCTGTTTTGGATTGCCACACTGCTCACGTTGCCTGCAAAATTTACAGAATT 840



Supporting Figure S2

		1,340		1,360		1,380	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	ATAGTGCGACCTTACAGAAAAA	TTTTCTGTCGCGCTAAATTGCA	ATGCACCTGGATAAA	1378			
Eef1a_gDNA_295-8_2.4kb_allele_clone1	ATAGTGCGACCTTACAGAAAAA	TTTTCTGTCGCGCTAAATTGCA	ATGCACCTGGATAAA	1378			
EF1a_gDNA_295-8_2.4kb_allele_clone3	ATAGTGCGACCTTACAGAAAAA	TTTTCTGTCGCGCTAAATTGCA	ATGCACCTGGATAAA	1378			
EF1a_gDNA_295-8_2kb_allele_clone2	ATAGTGCGACCTTACAGAAAAA	-----	-----	1342			
EF1a_gDNA_295-8_2kb_allele_clone3	ATAGTGCGACCTTACAGAAAAA	-----	-----	1342			
Eef1a_gDNA_295-8_2kb_allele_clone5	ATAGTGCGACCTTACAGAAAAA	-----	-----	1342			
		1,400		1,420		1,440	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	AAAGCGCGAAGAAA	ATAAAGCGGAATTAATGTTT	GCGAGTGTACTTCGTATTCGCCCGAA	1438			
Eef1a_gDNA_295-8_2.4kb_allele_clone1	AAAGCGCGAAGAAA	ATAAAGCGGAATTAATGTTT	GCGAGTGTACTTCGTATTCGCCCGAA	1438			
EF1a_gDNA_295-8_2.4kb_allele_clone3	AAAGCGCGAAGAAA	ATAAAGCGGAATTAATGTTT	GCGAGTGTACTTCGTATTCGCCCGAA	1438			
EF1a_gDNA_295-8_2kb_allele_clone2	-----	ATAAAGCGGAATTAATGTTT	GCGAGTGTACTTCGTATTCGCCCGAA	1388			
EF1a_gDNA_295-8_2kb_allele_clone3	-----	ATAAAGCGGAATTAATGTTT	GCGAGTGTACTTCGTATTCGCCCGAA	1388			
Eef1a_gDNA_295-8_2kb_allele_clone5	-----	ATAAAGCGGAATTAATGTTT	GCGAGTGTACTTCGTATTCGCCCGAA	1388			
		1,460		1,480		1,500	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	GGTGTTCATATAAAATTTAACTA	AGCCCTTTTTAAACAAAACAGACGATATCAATCTTC	1498				
Eef1a_gDNA_295-8_2.4kb_allele_clone1	GGTGTTCATATAAAATTTAACTA	AAGCCCTTTTTAAACAAAACAGACGATATCAATCTTC	1498				
EF1a_gDNA_295-8_2.4kb_allele_clone3	GGTGTTCATATAAAATTTAACTA	AAGCCCTTTTTAAACAAAACAGACGATATCAATCTTC	1498				
EF1a_gDNA_295-8_2kb_allele_clone2	GGTGTTCATATAAAATTTAACTA	AAGCCCTTTTTAAACAAAACAGACGATATCAATCTTC	1448				
EF1a_gDNA_295-8_2kb_allele_clone3	GGTGTTCATATAAAATTTAACTA	AAGCCCTTTTTAAACAAAACAGACGATATCAATCTTC	1448				
Eef1a_gDNA_295-8_2kb_allele_clone5	GGTGTTCATATAAAATTTAACTA	AAGCCCTTTTTAAACAAAACAGACGATATCAATCTTC	1448				
		1,520		1,540		1,560	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	TGCATGATACAAAAAATTTAAGCTTA	GTGTAATATGGCTTAAATG	TTTTTAAAG	1552			
Eef1a_gDNA_295-8_2.4kb_allele_clone1	TGCATGATACAAAAAATTTAAGCTTA	GTGTAATATGGCTTAAATG	TTTTTAAAG	1552			
EF1a_gDNA_295-8_2.4kb_allele_clone3	TGCATGATACAAAAAATTTAAGCTTA	GTGTAATATGGCTTAAATG	TTTTTAAAG	1552			
EF1a_gDNA_295-8_2kb_allele_clone2	TGCATGATACAAAAAATTTGATCTTA	TAGTGAATATGGCTTAAATATG	TTTTTAAAG	1508			
EF1a_gDNA_295-8_2kb_allele_clone3	TGCATGATACAAAAAATTTGATCTTA	TAGTGAATATGGCTTAAATATG	TTTTTAAAG	1508			
Eef1a_gDNA_295-8_2kb_allele_clone5	TGCATGATACAAAAAATTTGATCTTA	TAGTGAATATGGCTTAAATATG	TTTTTAAAG	1508			
		1,580		1,600		1,620	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	TTTCGAGTATTTTCAAGTCATTAAACGGT	GTTTTACTATGTGAATATCAACTGTTTGCTCA	1612				
Eef1a_gDNA_295-8_2.4kb_allele_clone1	TTTCGAGTATTTTCAAGTCATTAAACGGT	GTTTTACTATGTGAATATCAACTGTTTGCTCA	1612				
EF1a_gDNA_295-8_2.4kb_allele_clone3	TTTCGAGTATTTTCAAGTCATTAAACGGT	GTTTTACTATGTGAATATCAACTGTTTGCTCA	1612				
EF1a_gDNA_295-8_2kb_allele_clone2	TTTCGAGTATTTTCAAGTCATTAAACGGT	GTTTTACTATGTGAATATCAACTGTTTGCTCA	1568				
EF1a_gDNA_295-8_2kb_allele_clone3	TTTCGAGTATTTTCAAGTCATTAAACGGT	GTTTTACTATGTGAATATCAACTGTTTGCTCA	1568				
Eef1a_gDNA_295-8_2kb_allele_clone5	TTTCGAGTATTTTCAAGTCATTAAACGGT	GTTTTACTATGTGAATATCAACTGTTTGCTCA	1568				
		1,640		1,660		1,680	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	CACAATTATCTTCAGTAATAAATTTTTACTGCTT	AATTATGTTTAAAGTTGATGATGATTGC	1672				
Eef1a_gDNA_295-8_2.4kb_allele_clone1	CACAATTATCTTCAGTAATAAATTTTTACTGCTT	AATTATGTTTAAAGTTGATGATGATTGC	1672				
EF1a_gDNA_295-8_2.4kb_allele_clone3	CACAATTATCTTCAGTAATAAATTTTTACTGCTT	AATTATGTTTAAAGTTGATGATGATTGC	1672				
EF1a_gDNA_295-8_2kb_allele_clone2	CACAATTATCTTCAGTAATAAATTTTTACTGCTT	AATTATGTTTAAAGTTGATGATGATTGC	1628				
EF1a_gDNA_295-8_2kb_allele_clone3	CACAATTATCTTCAGTAATAAATTTTTACTGCTT	AATTATGTTTAAAGTTGATGATGATTGC	1628				
Eef1a_gDNA_295-8_2kb_allele_clone5	CACAATTATCTTCAGTAATAAATTTTTACTGCTT	AATTATGTTTAAAGTTGATGATGATTGC	1628				
		1,700		1,720		1,740	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	GGTACCGTGTTTGAGTAGCACATCTTGCTCTAATAACAGAT	ACCATTTCTAATTGTATGGT	1732				
Eef1a_gDNA_295-8_2.4kb_allele_clone1	GGTACCGTGTTTGAGTAGCACATCTTGCTCTAATAACAGAT	ACCATTTCTAATTGTATGGT	1732				
EF1a_gDNA_295-8_2.4kb_allele_clone3	GGTACCGTGTTTGAGTAGCACATCTTGCTCTAATAACAGAT	ACCATTTCTAATTGTATGGT	1732				
EF1a_gDNA_295-8_2kb_allele_clone2	GGTACCGTGTTTGAGTAGCACATCTTGCTCTAATAACAGAT	ACCATTTCTAATTGTATGGT	1688				
EF1a_gDNA_295-8_2kb_allele_clone3	GGTACCGTGTTTGAGTAGCACATCTTGCTCTAATAACAGAT	ACCATTTCTAATTGTATGGT	1688				
Eef1a_gDNA_295-8_2kb_allele_clone5	GGTACCGTGTTTGAGTAGCACATCTTGCTCTAATAACAGAT	ACCATTTCTAATTGTATGGT	1688				
		1,760		1,780		1,800	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	AGGCATGCTACCGAACATCAAAAACGTTGCTCA	ACGTCGGTTATCCAGTTACAAGGCAAG	1792				
Eef1a_gDNA_295-8_2.4kb_allele_clone1	AGGCATGCTACCGAACATCAAAAACGTTGCTCA	ACGTCGGTTATCCAGTTACAAGGCAAG	1792				
EF1a_gDNA_295-8_2.4kb_allele_clone3	AGGCATGCTACCGAACATCAAAAACGTTGCTCA	ACGTCGGTTATCCAGTTACAAGGCAAG	1792				
EF1a_gDNA_295-8_2kb_allele_clone2	AGGCATGCTACCGAACATCAAAAACGTTGCTCA	ACGTCGGTTATCCAGTTACAAGGCAAG	1748				
EF1a_gDNA_295-8_2kb_allele_clone3	AGGCATGCTACCGAACATCAAAAACGTTGCTCA	ACGTCGGTTATCCAGTTACAAGGCAAG	1748				
Eef1a_gDNA_295-8_2kb_allele_clone5	AGGCATGCTACCGAACATCAAAAACGTTGCTCA	ACGTCGGTTATCCAGTTACAAGGCAAG	1748				
		1,820		1,840		1,860	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	ATGTACTAATCGGCCACGGTATTTTCGGTATCCAAGAATAAAAACG	TGTGTGATTGCGTATA	1852				
Eef1a_gDNA_295-8_2.4kb_allele_clone1	ATGTACTAATCGGCCACGGTATTTTCGGTATCCAAGAATAAAAACG	TGTGTGATTGCGTATA	1852				
EF1a_gDNA_295-8_2.4kb_allele_clone3	ATGTACTAATCGGCCACGGTATTTTCGGTATCCAAGAATAAAAACG	TGTGTGATTGCGTATA	1852				
EF1a_gDNA_295-8_2kb_allele_clone2	ATGTACTAATCGGCCACGGTATTTTCGGTATCCAAGAATAAAAACG	TGTGTGATTGCGTATA	1808				
EF1a_gDNA_295-8_2kb_allele_clone3	ATGTACTAATCGGCCACGGTATTTTCGGTATCCAAGAATAAAAACG	TGTGTGATTGCGTATA	1808				
Eef1a_gDNA_295-8_2kb_allele_clone5	ATGTACTAATCGGCCACGGTATTTTCGGTATCCAAGAATAAAAACG	TGTGTGATTGCGTATA	1808				

Supporting Figure S2

		1,880	1,900	1,920	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	TTAGCGAACATGTGCAACAAGATGTTAAAAACACCTGTTAACTAATAGTCGTTACCATAG				1912
Eef1a_gDNA_295-8_2.4kb_allele_clone1	TTAGCGAACATGTGCAACAAGATGTTAAAAACACCTGTTAACTAATAGTCGTTACCATAG				1912
EF1a_gDNA_295-8_2.4kb_allele_clone3	TTAGCGAACATGTGCAACAAGATGTTAAAAACACCTGTTAACTAATAGTCGTTACCATAG				1912
EF1a_gDNA_295-8_2kb_allele_clone2	TTAGCGAACATGTGCAACAAGATGTTAAAAACACCTGTTAACTAATAGTCGTTACCATAG				1868
EF1a_gDNA_295-8_2kb_allele_clone3	TTAGCGAACATGTGCAACAAGATGTTAAAAACACCTGTTAACTAATAGTCGTTACCATAG				1868
Eef1a_gDNA_295-8_2kb_allele_clone5	TTAGCGAACATGTGCAACAAGATGTTAAAAACACCTGTTAACTAATAGTCGTTACCATAG				1868
		1,940	1,960	1,980	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	TGACTAATATTTAATGCAAAATGTAAGAATTCGGTAAAAAAGTTCATTGTTT				1972
Eef1a_gDNA_295-8_2.4kb_allele_clone1	TGACTAATATTTAATGCAAAATGTAAGAATTCGGTAAAAAAGTTCATTGTTT				1972
EF1a_gDNA_295-8_2.4kb_allele_clone3	TGACTAATATTTAATGCAAAATGTAAGAATTCGGTAAAAAAGTTCATTGTTT				1972
EF1a_gDNA_295-8_2kb_allele_clone2	TGACTAATATTTAATGCAAAATGTAAGAATTCGGTAAAAAAGTTCATTGTTT				1928
EF1a_gDNA_295-8_2kb_allele_clone3	TGACTAATATTTAATGCAAAATGTAAGAATTCGGTAAAAAAGTTCATTGTTT				1928
Eef1a_gDNA_295-8_2kb_allele_clone5	TGACTAATATTTAATGCAAAATGTAAGAATTCGGTAAAAAAGTTCATTGTTT				1928
		2,000	2,020	2,040	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	GGAGAGTTATTTGACAAAACATAATTTTTGCAATTAATTATTCTTACGCTTCATTGAAGA				2032
Eef1a_gDNA_295-8_2.4kb_allele_clone1	GGAGAGTTATTTGACAAAACATAATTTTTGCAATTAATTATTCTTACGCTTCATTGAAGA				2032
EF1a_gDNA_295-8_2.4kb_allele_clone3	GGAGAGTTATTTGACAAAACATAATTTTTGCAATTAATTATTCTTACGCTTCATTGAAGA				2032
EF1a_gDNA_295-8_2kb_allele_clone2	GGAGAGTTATTTGACAAAACATAATTTTTGCAATTAATTATTCTTACGCTTCATTGAAGA				1988
EF1a_gDNA_295-8_2kb_allele_clone3	GGAGAGTTATTTGACAAAACATAATTTTTGCAATTAATTATTCTTACGCTTCATTGAAGA				1988
Eef1a_gDNA_295-8_2kb_allele_clone5	GGAGAGTTATTTGACAAAACATAATTTTTGCAATTAATTATTCTTACGCTTCATTGAAGA				1988
		2,060	2,080	2,100	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	TCATACTTATAAATTTTTTATAAGTAATTATTAGTTATTCCTTGAAAATGGTGTGGACA				2092
Eef1a_gDNA_295-8_2.4kb_allele_clone1	TCATACTTATAAATTTTTTATAAGTAATTATTAGTTATTCCTTGAAAATGGTGTGGACA				2092
EF1a_gDNA_295-8_2.4kb_allele_clone3	TCATACTTATAAATTTTTTATAAGTAATTATTAGTTATTCCTTGAAAATGGTGTGGACA				2092
EF1a_gDNA_295-8_2kb_allele_clone2	TCATACTTATAAATTTTTTATAAGTAATTATTAGTTATTCCTT-----				2031
EF1a_gDNA_295-8_2kb_allele_clone3	TCATACTTATAAATTTTTTATAAGTAATTATTAGTTATTCCTT-----				2031
Eef1a_gDNA_295-8_2kb_allele_clone5	TCATACTTATAAATTTTTTATAAGTAATTATTAGTTATTCCTT-----				2031
		2,120	2,140	2,160	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	CTCAAAACGCGTGAATGCCCTCTATTTTTGCTGATACGTCAGCGAGTGTGTCATTCTG				2152
Eef1a_gDNA_295-8_2.4kb_allele_clone1	CTCAAAACGCGTGAATGCCCTCTATTTTTGCTGATACGTCAGCGAGTGTGTCATTCTG				2152
EF1a_gDNA_295-8_2.4kb_allele_clone3	CTCAAAACGCGTGAATGCCCTCTATTTTTGCTGATACGTCAGCGAGTGTGTCATTCTG				2152
EF1a_gDNA_295-8_2kb_allele_clone2	-----				2031
EF1a_gDNA_295-8_2kb_allele_clone3	-----				2031
Eef1a_gDNA_295-8_2kb_allele_clone5	-----				2031
		2,180	2,200	2,220	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	GCCGCTAGCAGTTGAATTTTTGAACGTTTCACCAGAAAAGTAAAGTCAGCATTGTTACTTA				2212
Eef1a_gDNA_295-8_2.4kb_allele_clone1	GCCGCTAGCAGTTGAATTTTTGAACGTTTCACCAGAAAAGTAAAGTCAGCATTGTTACTTA				2212
EF1a_gDNA_295-8_2.4kb_allele_clone3	GCCGCTAGCAGTTGAATTTTTGAACGTTTCACCAGAAAAGTAAAGTCAGCATTGTTACTTA				2212
EF1a_gDNA_295-8_2kb_allele_clone2	-----				2031
EF1a_gDNA_295-8_2kb_allele_clone3	-----				2031
Eef1a_gDNA_295-8_2kb_allele_clone5	-----				2031
		2,240	2,260	2,280	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	CGTCACTATTGAACCAATAATGACTCATCTCTGCTAACCTTAGTACATAATTCATCCAAA				2272
Eef1a_gDNA_295-8_2.4kb_allele_clone1	CGTCACTATTGAACCAATAATGACTCATCTCTGCTAACCTTAGTACATAATTCATCCAAA				2272
EF1a_gDNA_295-8_2.4kb_allele_clone3	CGTCACTATTGAACCAATAATGACTCATCTCTGCTAACCTTAGTACATAATTCATCCAAA				2272
EF1a_gDNA_295-8_2kb_allele_clone2	-----				2031
EF1a_gDNA_295-8_2kb_allele_clone3	-----				2031
Eef1a_gDNA_295-8_2kb_allele_clone5	-----				2031
		2,300	2,320	2,340	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	TTTCGGCAGCGATGTTGCGTTTATTATTGTGCTTCCGAATGTTAAAACCAAGTTCGTAGA				2332
Eef1a_gDNA_295-8_2.4kb_allele_clone1	TTTCGGCAGCGATGTTGCGTTTATTATTGTGCTTCCGAATGTTAAAACCAAGTTCGTAGA				2332
EF1a_gDNA_295-8_2.4kb_allele_clone3	TTTCGGCAGCGATGTTGCGTTTATTATTGTGCTTCCGAATGTTAAAACCAAGTTCGTAGA				2332
EF1a_gDNA_295-8_2kb_allele_clone2	-----				2031
EF1a_gDNA_295-8_2kb_allele_clone3	-----				2031
Eef1a_gDNA_295-8_2kb_allele_clone5	-----				2031
		2,360	2,380	2,400	
Eef1a_gDNA_295-8_2.4kb_allele_clone2	ATTAAGATCGCAAAATTTATCTGCAGGTCGTAGAATTATCGATCGTAGAATTATCTTAA				2392
Eef1a_gDNA_295-8_2.4kb_allele_clone1	ATTAAGATCGCAAAATTTATCTGCAGGTCGTAGAATTATCGATCGTAGAATTATCTTAA				2392
EF1a_gDNA_295-8_2.4kb_allele_clone3	ATTAAGATCGCAAAATTTATCTGCAGGTCGTAGAATTATCGATCGTAGAATTATCTTAA				2392
EF1a_gDNA_295-8_2kb_allele_clone2	-----				2035
EF1a_gDNA_295-8_2kb_allele_clone3	-----				2035
Eef1a_gDNA_295-8_2kb_allele_clone5	-----				2035

Supporting Figure S2

2,420
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Eef1a_gDNA_295-8_2.4kb_allele_clone2 TCGTAGCGTAAACCAAATGTGAAGT 2417
Eef1a_gDNA_295-8_2.4kb_allele_clone1 TCGTAGCGTAAACCAAATGTGAAGT 2417
EF1a_gDNA_295-8_2.4kb_allele_clone3 TCGTAGCGTAAACCAAATGTGAAGT 2417
EF1a_gDNA_295-8_2kb_allele_clone2 TCGTAGCGTAAACCAAATGTGAAGT 2060
EF1a_gDNA_295-8_2kb_allele_clone3 TCGTAGCGTAAACCAAATGTGAAGT 2060
Eef1a_gDNA_295-8_2kb_allele_clone5 TCGTAGCGTAAACCAAATGTGAAGT 2060

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S2 Fig. Alignment of cloned *Eef1a* sequences from female colony 295-8.

Two PCR amplicons (sized 2.4 kb and 2.0 kb) from the genomic region encoding the 3' end of *Eef1a* in colony 295-8 were cloned, sequenced (3 clones each), and aligned. This revealed two alleles, with the major differences being a 52 bp and a 313 bp indel. Differences are shown in red boxes. Sequence features are shown on and above the top sequence of the alignment. Green, *Eef1a* mRNA as determined by alignments to 291-10 transcripts. Yellow, *Eef1a* coding sequence.