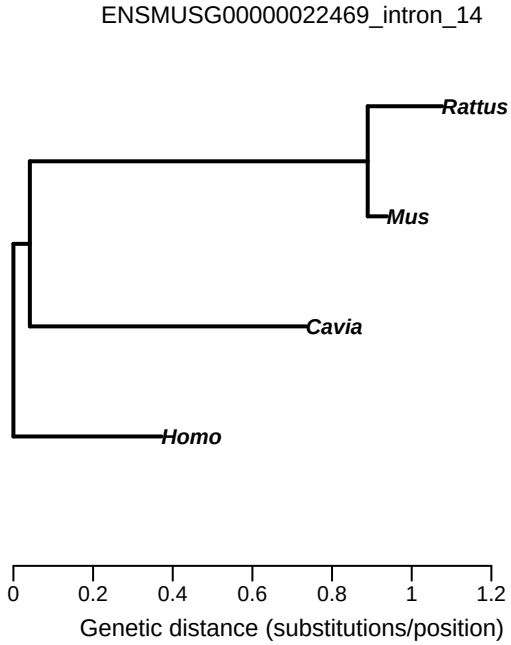
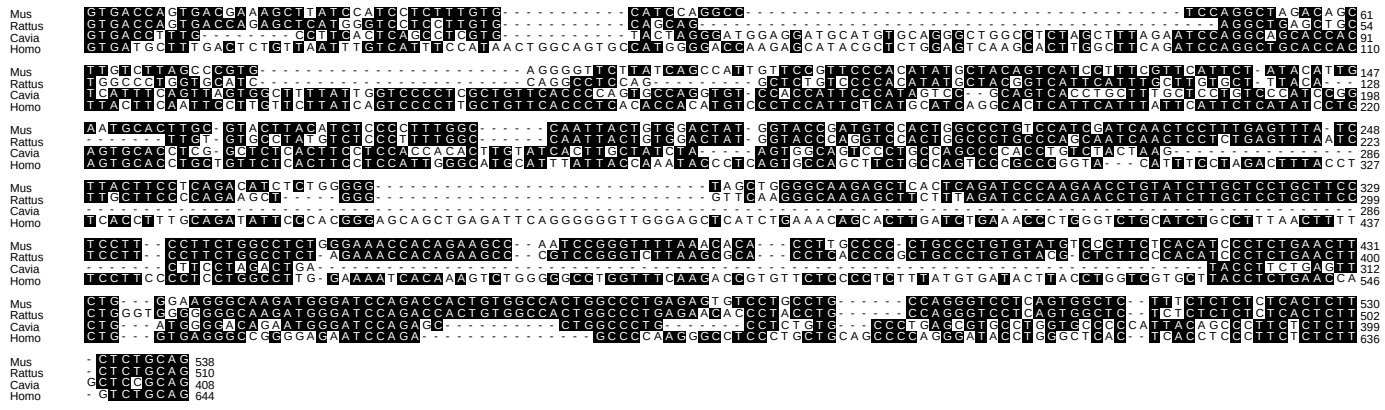
ENSMUSG00000022469 intron 14

Description: Rap guanine nucleotide exchange factor 3 (Rapgef3)
Intron number: 14
Mouse chromosome: 15
Upstream exon length: 83
Downstream exon length: 40
Mouse intron length: 538
Intron alignment length: 669
Total murinae branch length: 0.23482
K_score: 0.08642
Scaling factor: 0.40374

ENSMUSG00000022469 exon 14 (ORF 0)

ENSMUSG00000022469 exon 15 (ORF 1)




Mus
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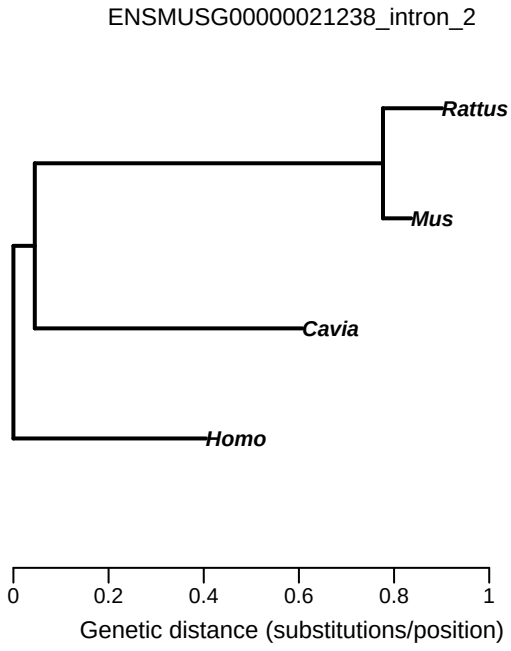
Homo

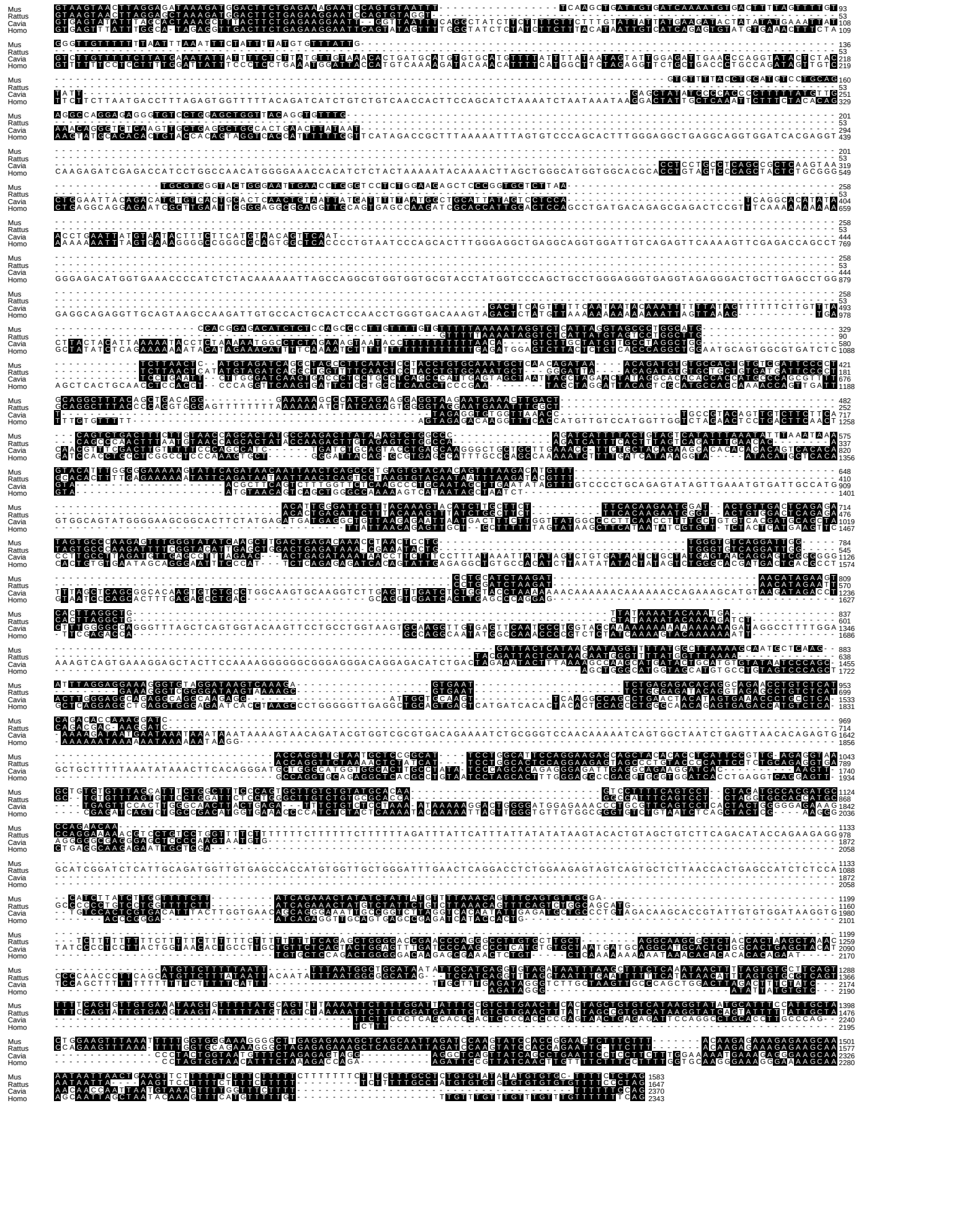
ENSMUSG00000021238 intron 2

Description: Methylmalonate-semialdehyde dehydrogenase (Aldh6a1)
Intron number: 2
Mouse chromosome: 12
Upstream exon length: 60
Downstream exon length: 75
Mouse intron length: 1583
Intron alignment length: 3383
Total murinae branch length: 0.18311
K_score: 0.07773
Scaling factor: 0.46395

ENSMUSG00000021238 exon 2 (ORF 0)

ENSMUSG00000021238 exon 3 (ORF 0)




Mus
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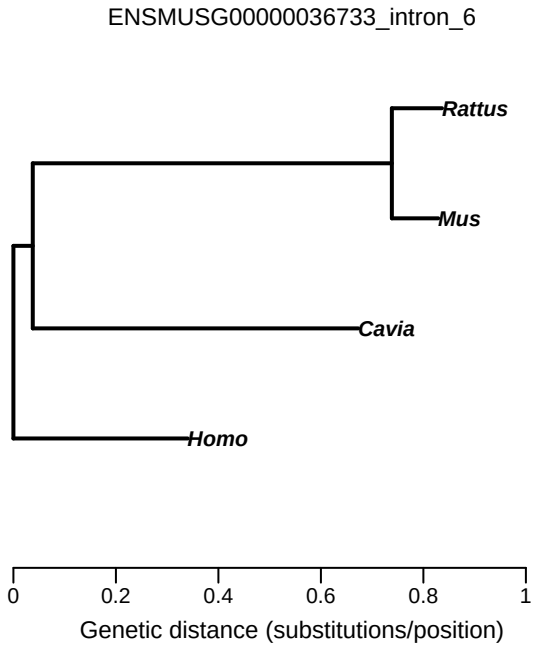
Homo

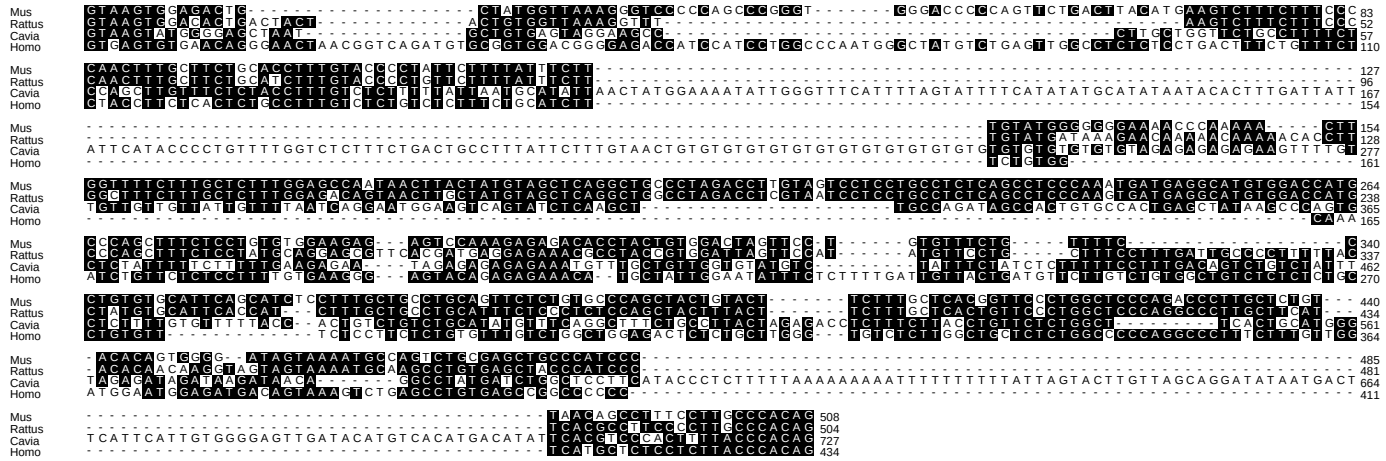
ENSMUSG00000036733 intron 6

Description: RNA-binding protein 42 (Rbm42)
Intron number: 6
Mouse chromosome: 7
Upstream exon length: 176
Downstream exon length: 333
Mouse intron length: 508
Intron alignment length: 833
Total murinae branch length: 0.18830
K_score: 0.07239
Scaling factor: 0.46866

ENSMUSG00000036733 exon 6 (ORF 2)

ENSMUSG00000036733 exon 7 (ORF 0)




Mus
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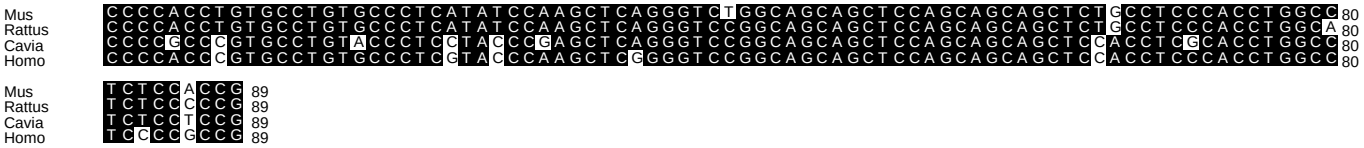
Cavia
Homo

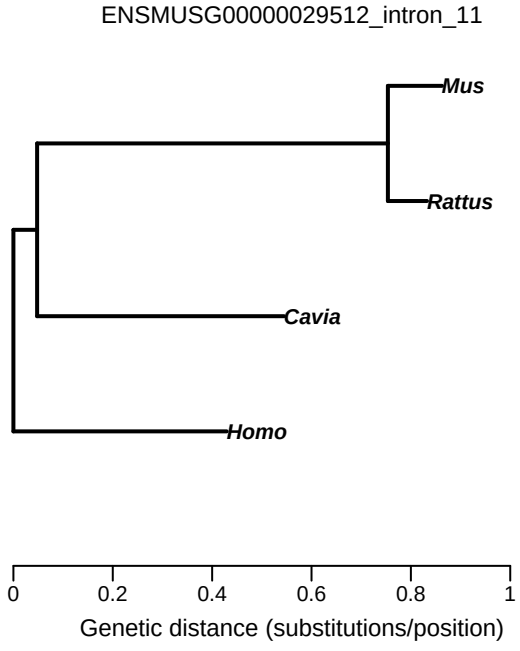
ENSMUSG00000029512 intron 11

Description: Serine/threonine-protein kinase ULK1 (Ulk1)
Intron number: 11
Mouse chromosome: 5
Upstream exon length: 51
Downstream exon length: 89
Mouse intron length: 289
Intron alignment length: 460
Total murinae branch length: 0.18766
K_score: 0.08762
Scaling factor: 0.48092

ENSMUSG00000029512 exon 11 (ORF 2)

ENSMUSG00000029512 exon 12 (ORF 2)



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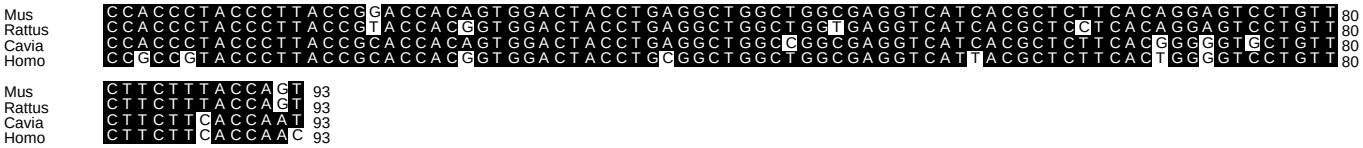
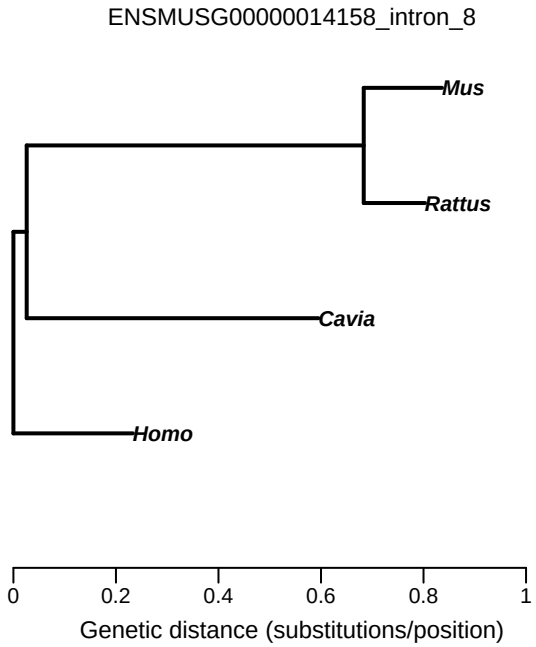
ENSMUSG00000014158 intron 8

Description: Transient receptor potential cation channel subfamily V memb (Trpv4)
Intron number: 8
Mouse chromosome: 5
Upstream exon length: 93
Downstream exon length: 74
Mouse intron length: 398
Intron alignment length: 433
Total murinae branch length: 0.27211
K_score: 0.08782
Scaling factor: 0.51597

ENSMUSG00000014158 exon 8 (ORF 0)



ENSMUSG00000014158 exon 9 (ORF 0)

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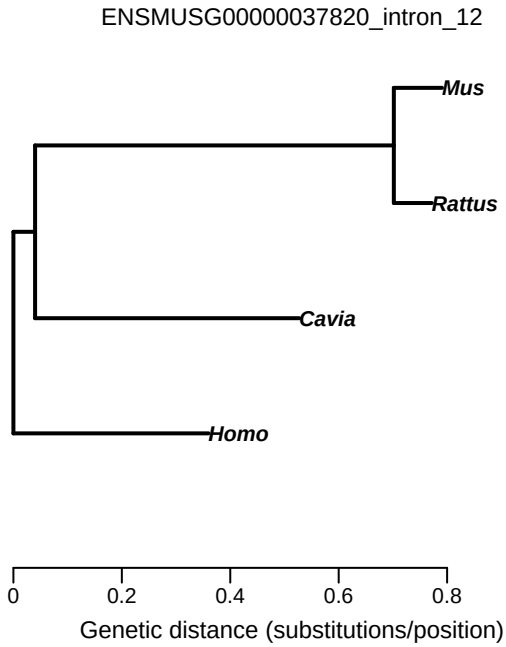
ENSMUSG00000037820 intron 12

Description: Protein-glutamine gamma-glutamyltransferase 2 (Tgm2)
Intron number: 12
Mouse chromosome: 2
Upstream exon length: 137
Downstream exon length: 151
Mouse intron length: 895
Intron alignment length: 734
Total murinae branch length: 0.15886
K_score: 0.08338
Scaling factor: 0.52074

ENSMUSG00000037820 exon 12 (ORF 0)

ENSMUSG00000037820 exon 13 (ORF 1)

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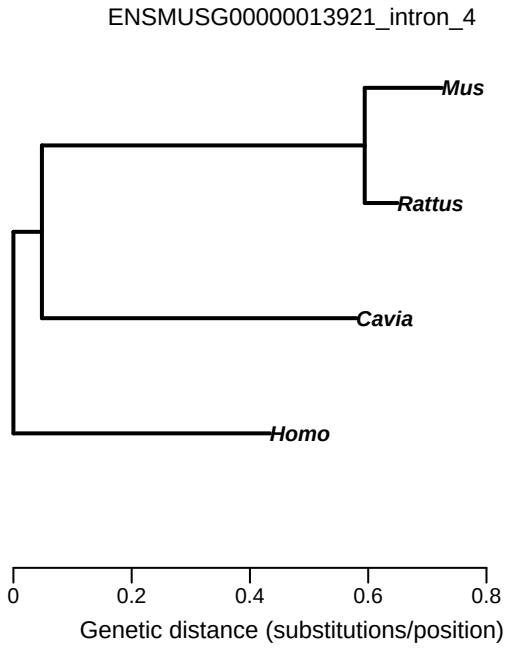
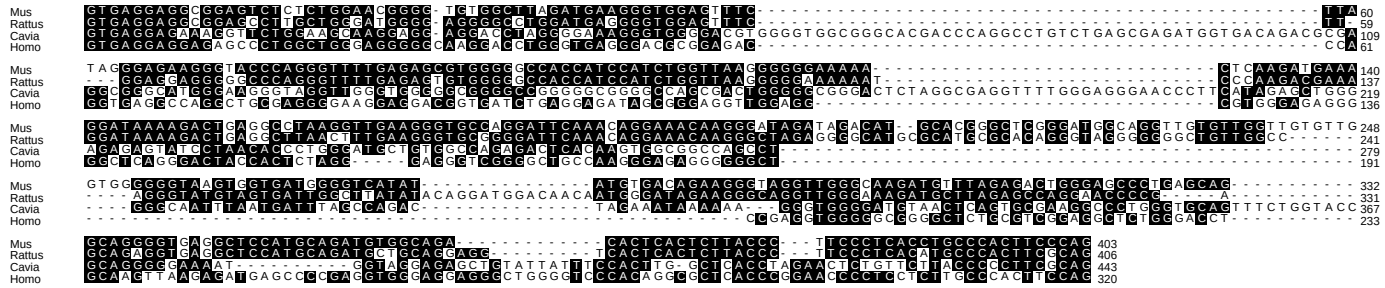
ENSMUSG00000013921 intron 4

Description: CLIP-170-related protein (Clip3)
Intron number: 4
Mouse chromosome: 7
Upstream exon length: 162
Downstream exon length: 119
Mouse intron length: 403
Intron alignment length: 527
Total murinae branch length: 0.18591
K_score: 0.07984
Scaling factor: 0.52602

ENSMUSG00000013921 exon 4 (ORF 2)

ENSMUSG00000013921 exon 5 (ORF 2)

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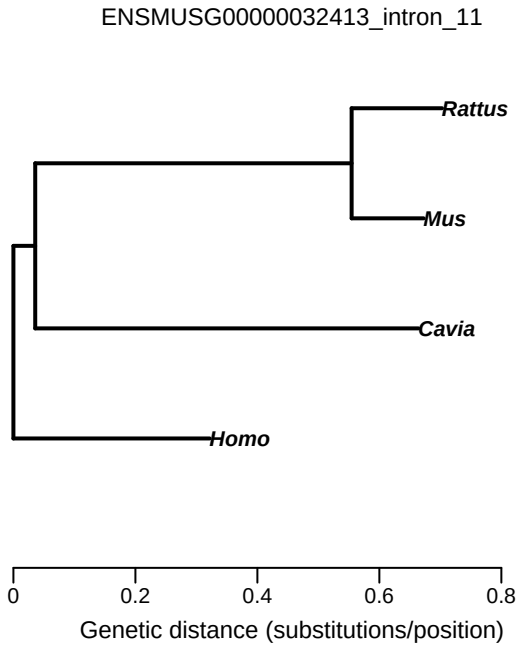
ENSMUSG00000032413 intron 11

Description: Ras GTPase-activating protein 2 (Rasa2)
Intron number: 11
Mouse chromosome: 9
Upstream exon length: 149
Downstream exon length: 115
Mouse intron length: 860
Intron alignment length: 1224
Total murinae branch length: 0.26616
K_score: 0.06252
Scaling factor: 0.53066

ENSMUSG00000032413 exon 11 (ORF 0)

ENSMUSG00000032413 exon 12 (ORF 1)

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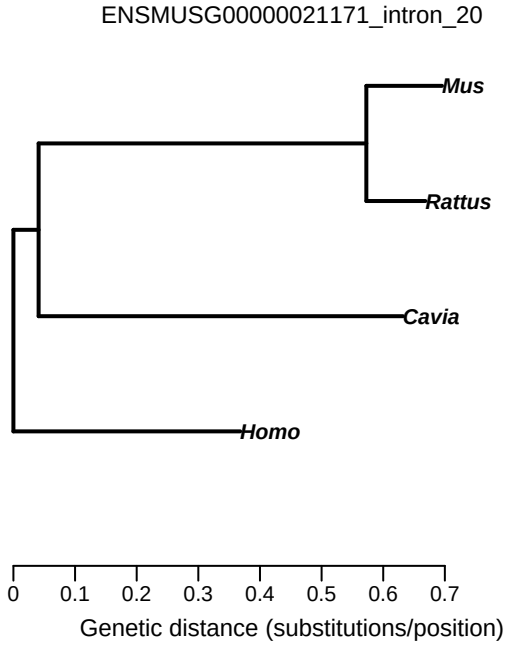
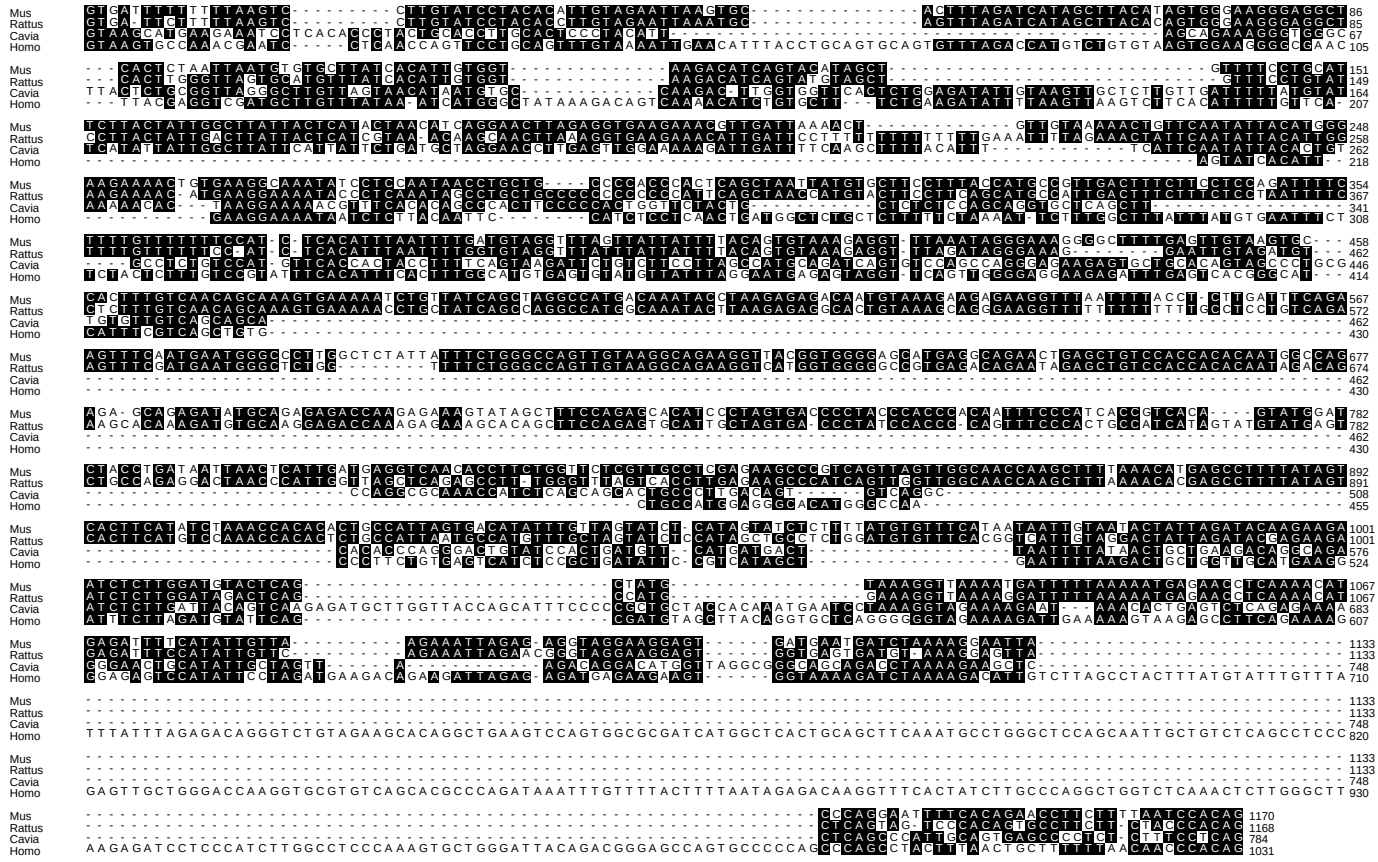
ENSMUSG00000021171 intron 20

Description: Extended synaptotagmin-2 (Esyt2)
Intron number: 20
Mouse chromosome: 12
Upstream exon length: 106
Downstream exon length: 50
Mouse intron length: 1170
Intron alignment length: 1641
Total murinae branch length: 0.21862
K_score: 0.05612
Scaling factor: 0.53278

ENSMUSG00000021171 exon 20 (ORF 1)

ENSMUSG00000021171 exon 21 (ORF 0)

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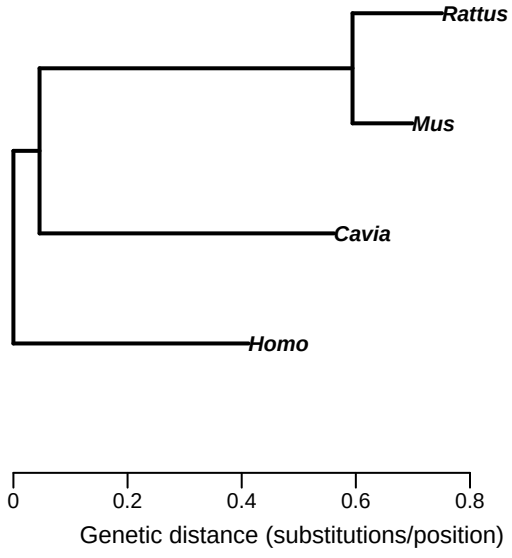
ENSMUSG00000039263 intron 9

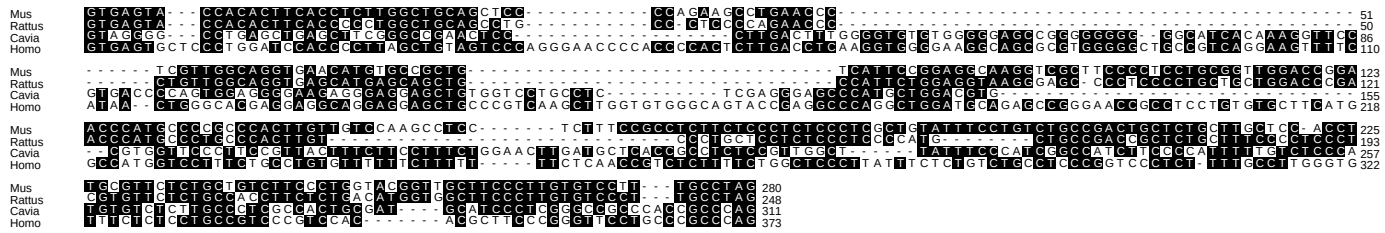
Description: Probable aminopeptidase NPEPL1 (Npepl1)
Intron number: 9
Mouse chromosome: 2
Upstream exon length: 124
Downstream exon length: 177
Mouse intron length: 280
Intron alignment length: 388
Total murinae branch length: 0.26144
K_score: 0.04856
Scaling factor: 0.53744

ENSMUSG00000039263 exon 9 (ORF 1)

ENSMUSG00000039263 exon 10 (ORF 0)

ENSMUSG00000039263_intron_9

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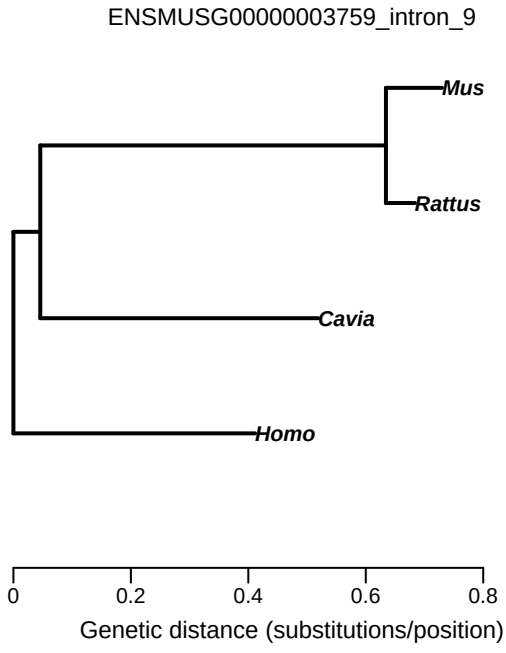
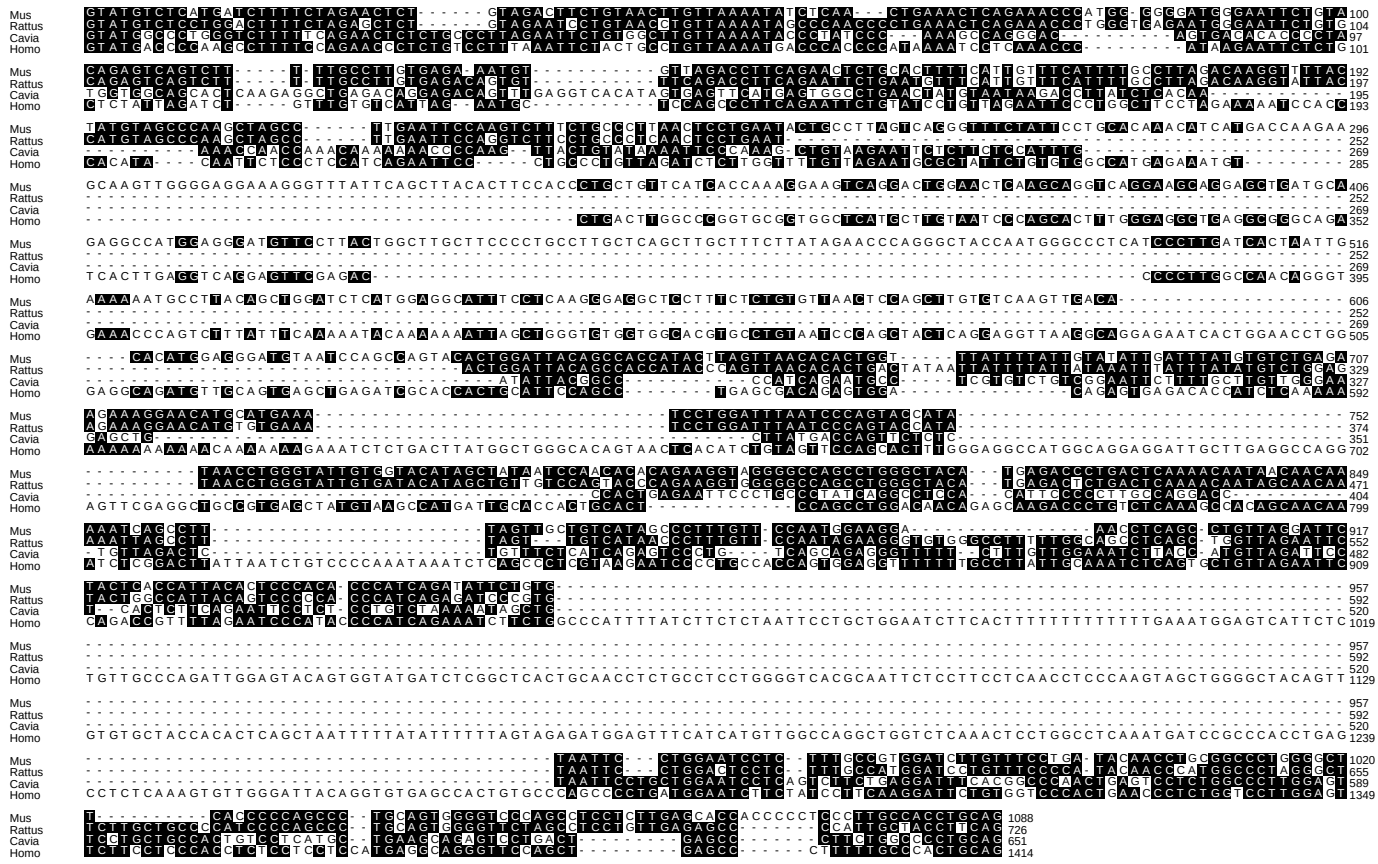
ENSMUSG00000003759 intron 9

Description: SH3KBP1-binding protein 1
Intron number: 9
Mouse chromosome: 7
Upstream exon length: 191
Downstream exon length: 116
Mouse intron length: 1088
Intron alignment length: 1620
Total murinae branch length: 0.14486
K_score: 0.08771
Scaling factor: 0.53832

ENSMUSG00000003759 exon 9 (ORF 1)

ENSMUSG00000003759 exon 10 (ORF 2)

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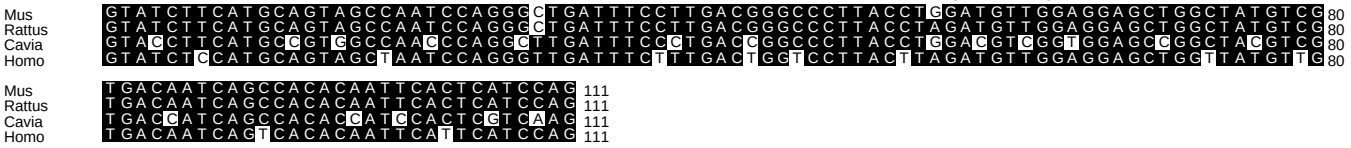
Homo

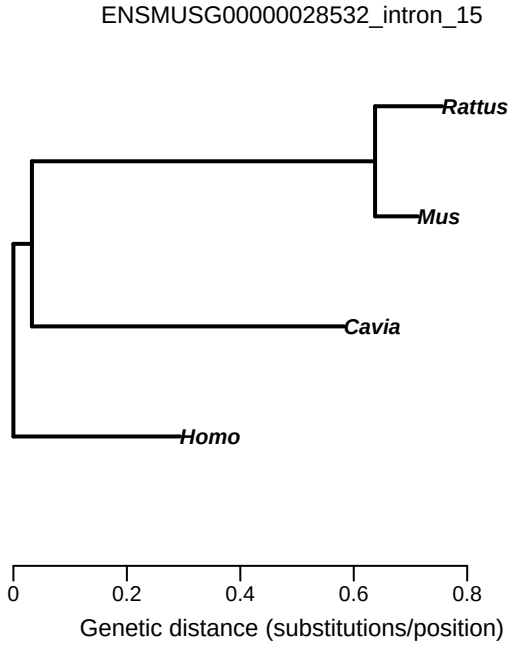
ENSMUSG00000028532 intron 15

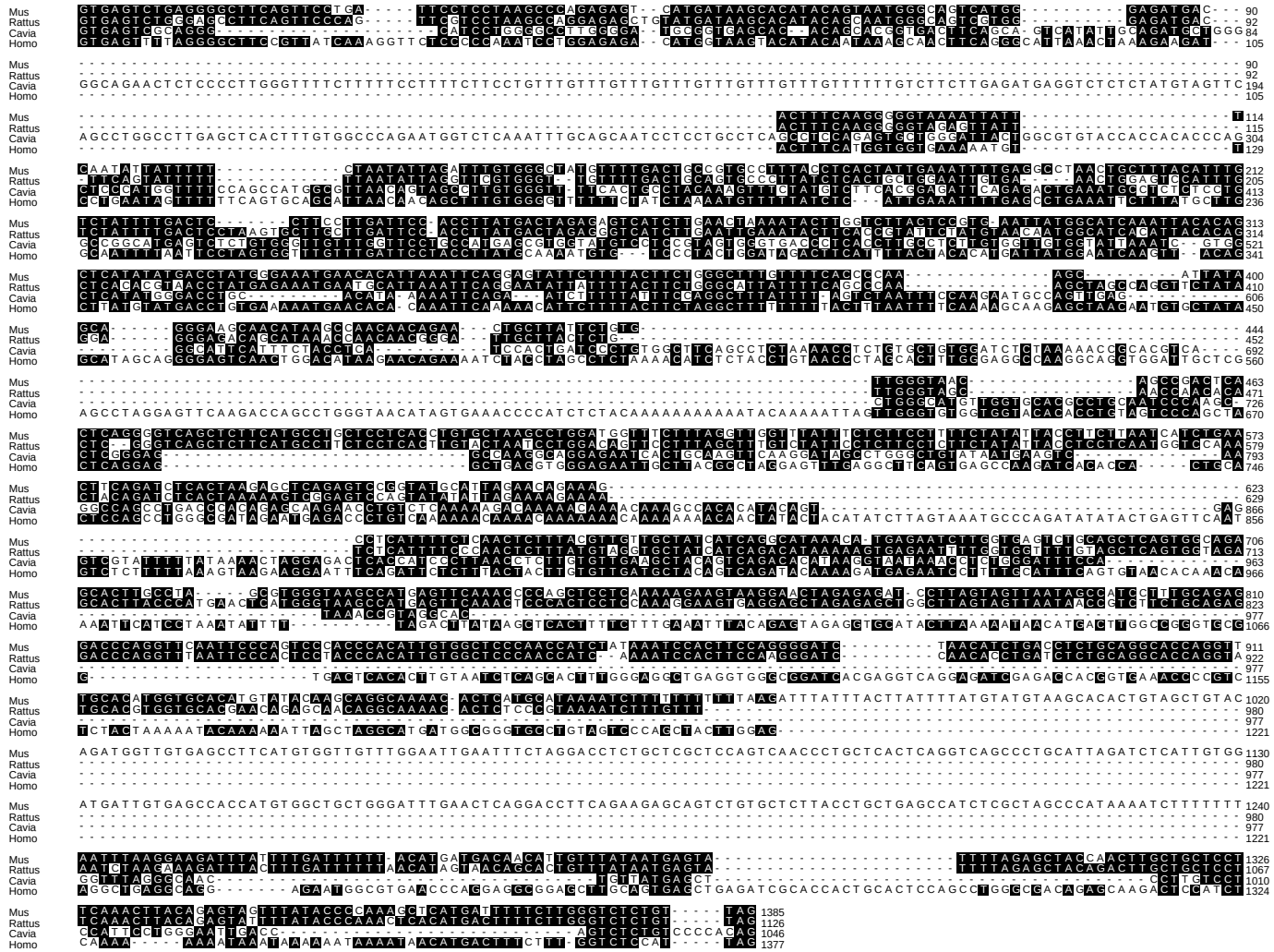
Description: VWFA and cache domain-containing protein 1 Precursor (Cachd1)
Intron number: 15
Mouse chromosome: 4
Upstream exon length: 182
Downstream exon length: 111
Mouse intron length: 1385
Intron alignment length: 1934
Total murinae branch length: 0.19311
K_score: 0.06399
Scaling factor: 0.54129

ENSMUSG00000028532 exon 15 (ORF 0)

ENSMUSG00000028532 exon 16 (ORF 1)



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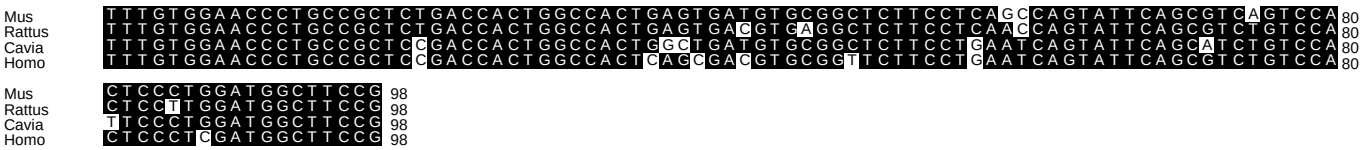
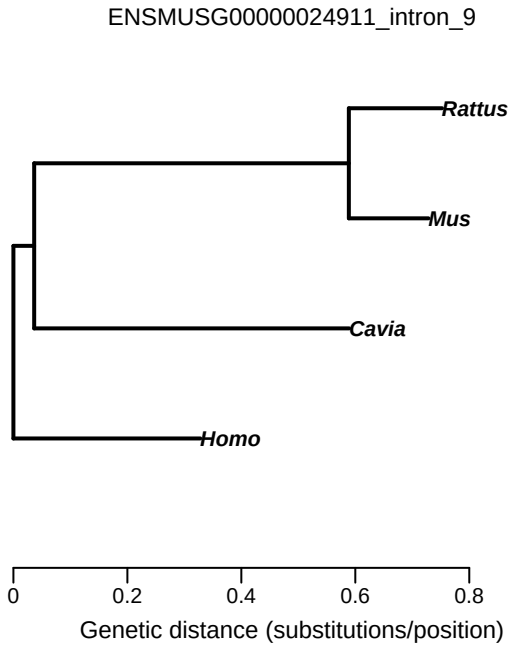
ENSMUSG00000024911 intron 9

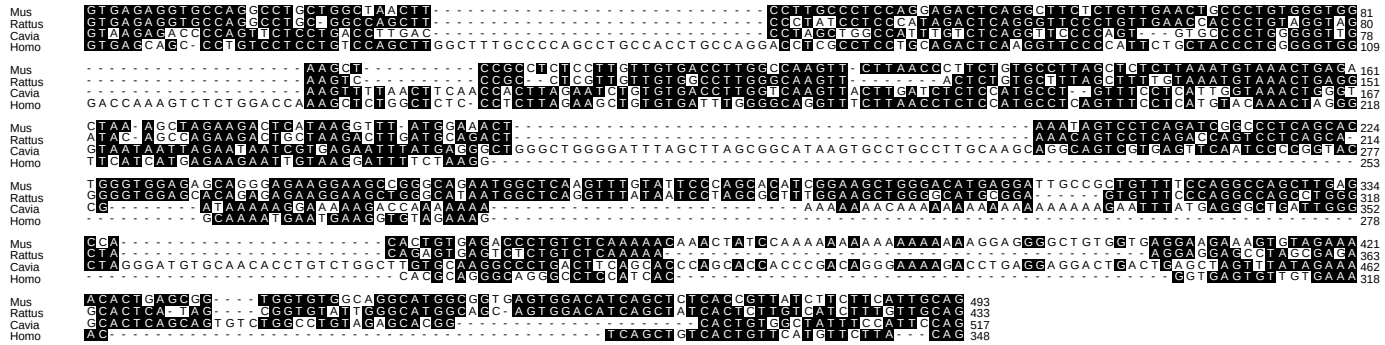
Description: Acidic fibroblast growth factor intracellular-binding protei (Fibp)
Intron number: 9
Mouse chromosome: 19
Upstream exon length: 98
Downstream exon length: 70
Mouse intron length: 493
Intron alignment length: 626
Total murinae branch length: 0.30319
K_score: 0.01867
Scaling factor: 0.54739

ENSMUSG00000024911 exon 9 (ORF 0)



ENSMUSG00000024911 exon 10 (ORF 1)

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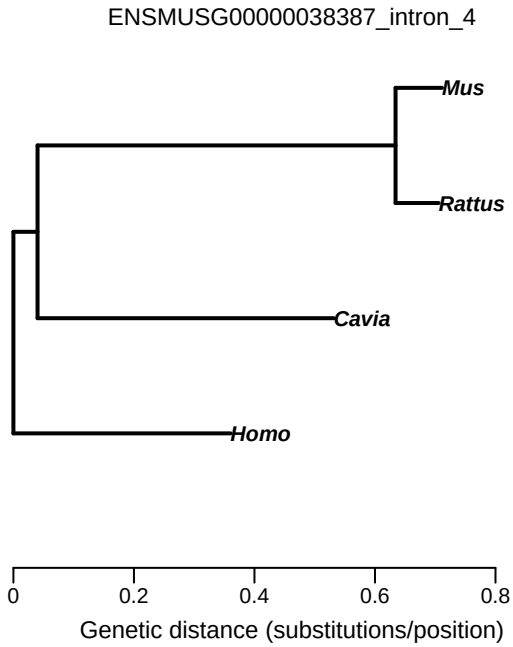
Homo

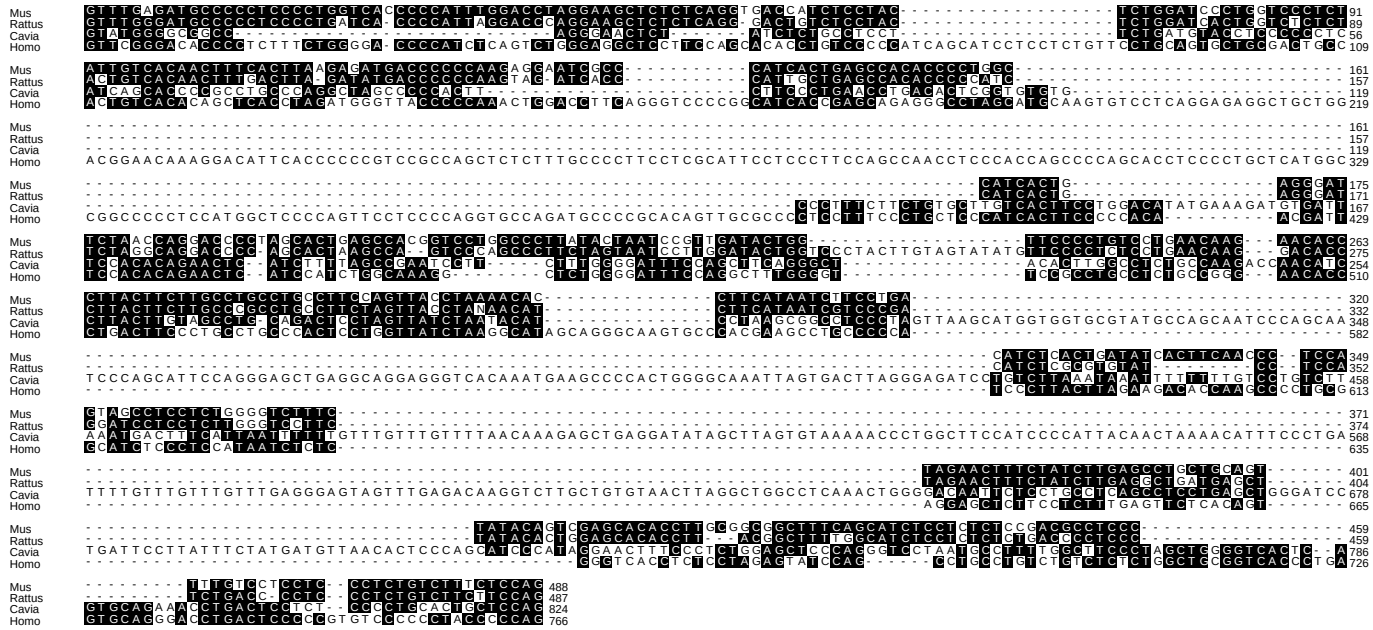
ENSMUSG00000038387 intron 4

Description: Ras-related protein R-Ras Precursor (Rras)
Intron number: 4
Mouse chromosome: 7
Upstream exon length: 109
Downstream exon length: 119
Mouse intron length: 488
Intron alignment length: 1140
Total murinae branch length: 0.14869
K_score: 0.07154
Scaling factor: 0.55008

ENSMUSG00000038387 exon 4 (ORF 1)

ENSMUSG00000038387 exon 5 (ORF 0)

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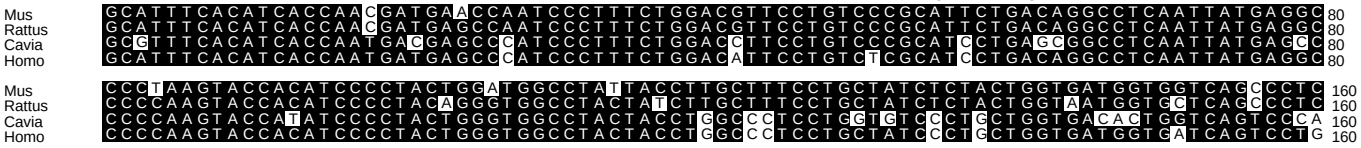
Homo

ENSMUSG00000031349 intron 6

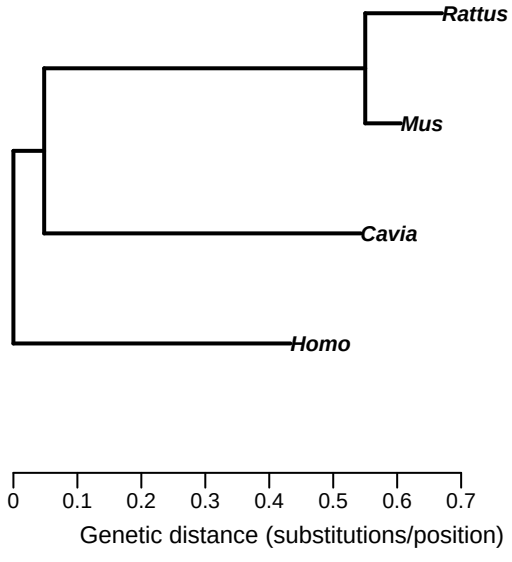
Description: Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating (Nsdhl)
Intron number: 6
Mouse chromosome: X
Upstream exon length: 103
Downstream exon length: 333
Mouse intron length: 842
Intron alignment length: 1541
Total murinae branch length: 0.17556
K_score: 0.08711
Scaling factor: 0.55452

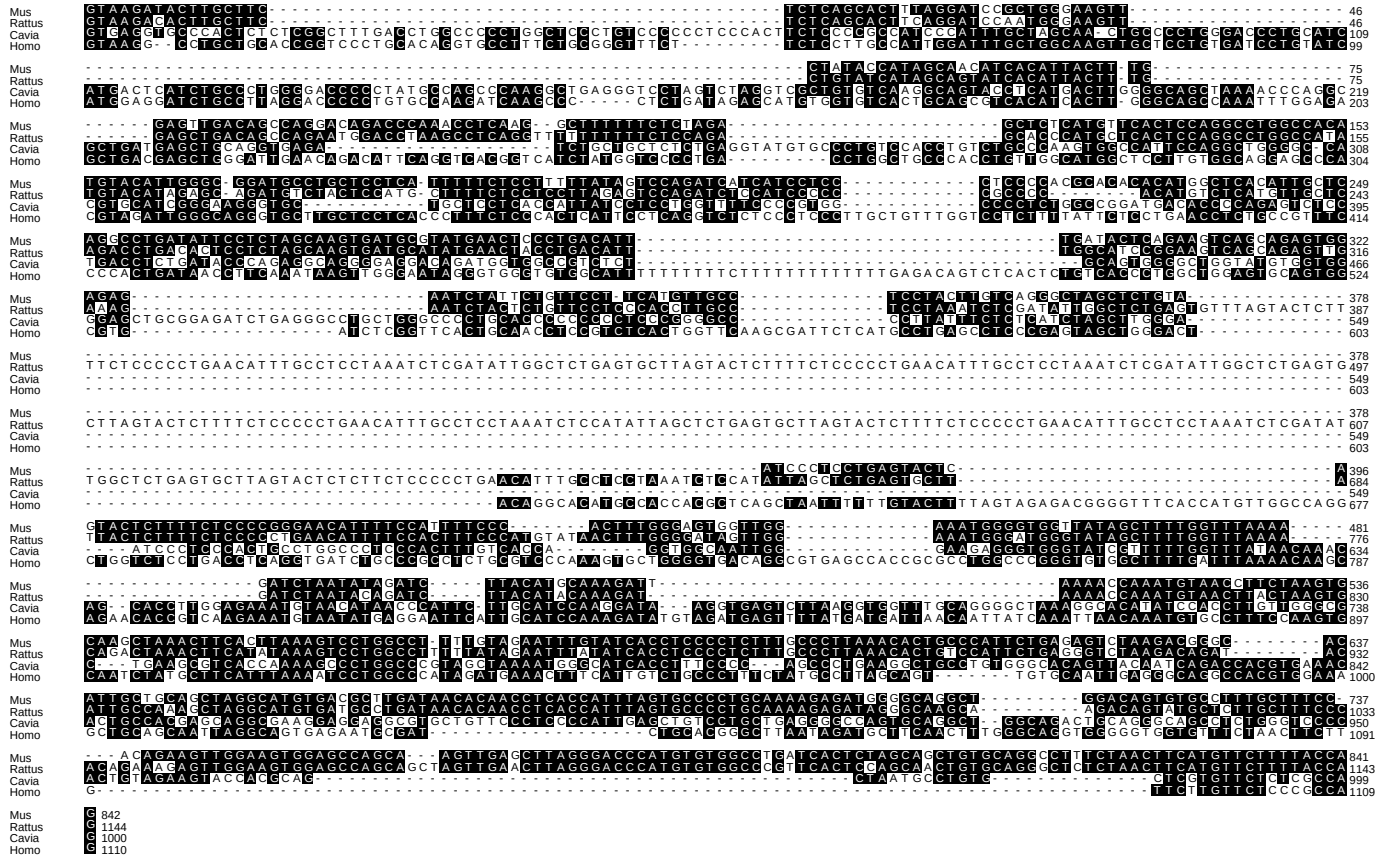
ENSMUSG00000031349 exon 6 (ORF 1)

ENSMUSG00000031349 exon 7 (ORF 0)



ENSMUSG00000031349_intron_6

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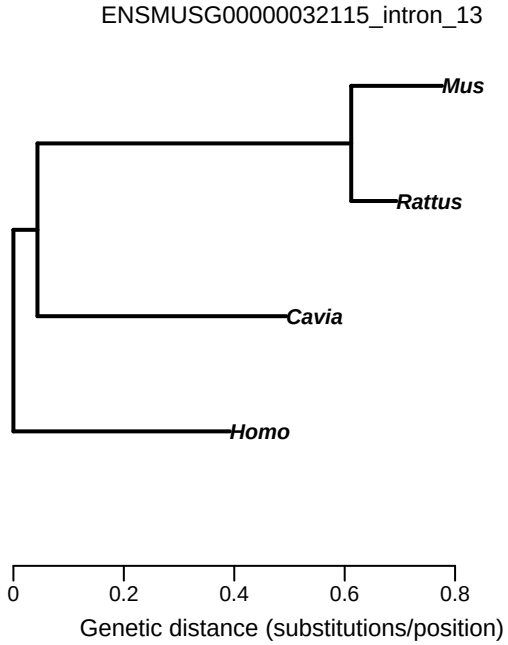
ENSMUSG00000032115 intron 13

Description: Hypoxia up-regulated protein 1 Precursor (Hyou1)
Intron number: 13
Mouse chromosome: 9
Upstream exon length: 139
Downstream exon length: 61
Mouse intron length: 1326
Intron alignment length: 1700
Total murinae branch length: 0.24623
K_score: 0.06876
Scaling factor: 0.55665

ENSMUSG00000032115 exon 13 (ORF 1)

ENSMUSG00000032115 exon 14 (ORF 0)

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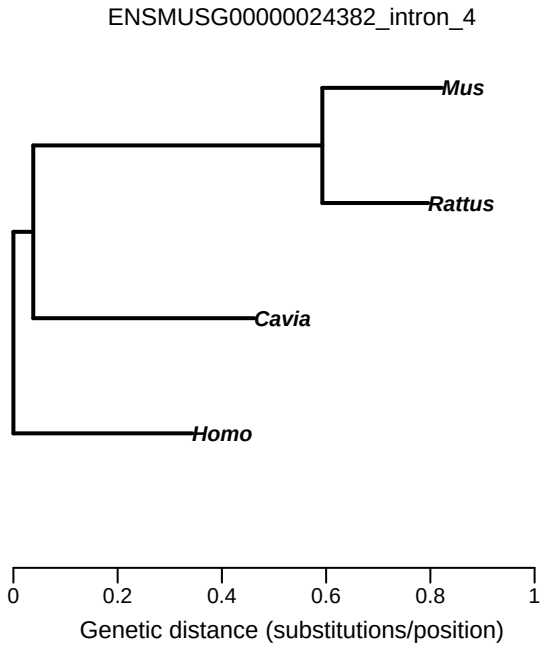
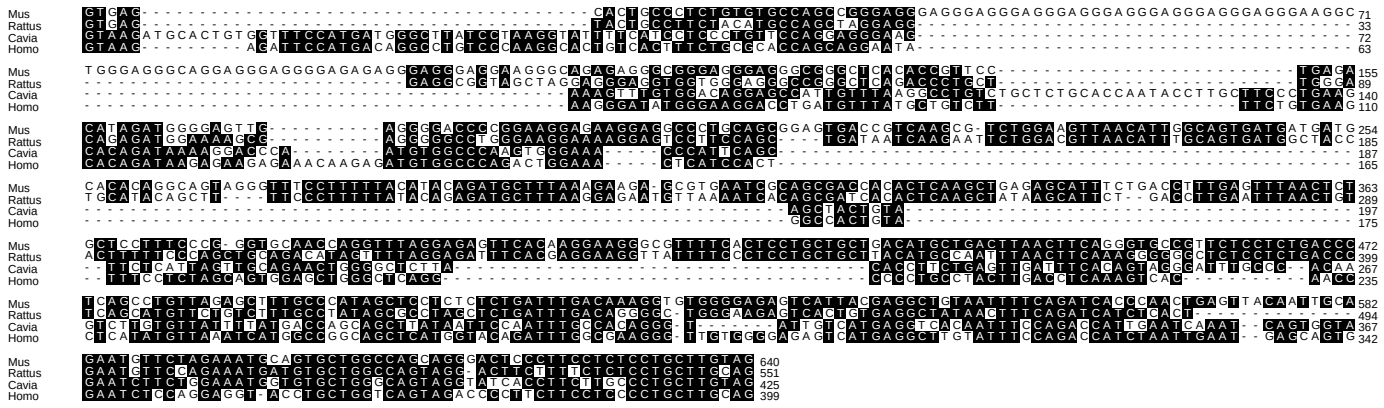
ENSMUSG00000024382 intron 4

Description: TFIIH basal transcription factor complex helicase XPB subuni (Ercc3)
Intron number: 4
Mouse chromosome: 18
Upstream exon length: 50
Downstream exon length: 136
Mouse intron length: 640
Intron alignment length: 718
Total murinae branch length: 0.43263
K_score: 0.07292
Scaling factor: 0.56463

ENSMUSG00000024382 exon 4 (ORF 0)

ENSMUSG00000024382 exon 5 (ORF 1)

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Rattus
Cavia
Homo

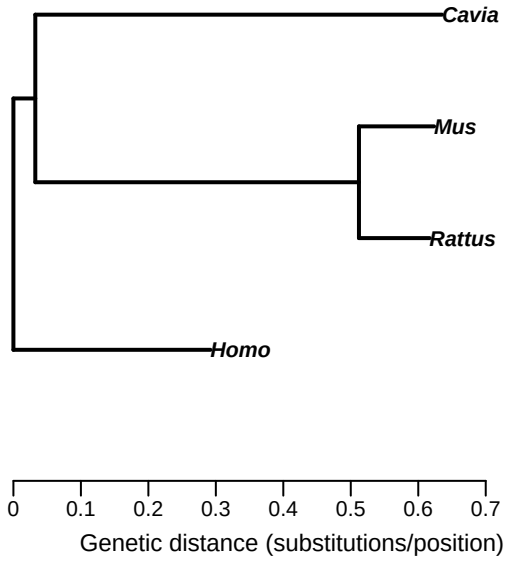
ENSMUSG00000036733 intron 7

Description: RNA-binding protein 42 (Rbm42)
Intron number: 7
Mouse chromosome: 7
Upstream exon length: 333
Downstream exon length: 118
Mouse intron length: 209
Intron alignment length: 248
Total murinae branch length: 0.21614
K_score: 0.07753
Scaling factor: 0.56546

ENSMUSG00000036733 exon 7 (ORF 0)

ENSMUSG00000036733 exon 8 (ORF 0)

ENSMUSG00000036733_intron_7

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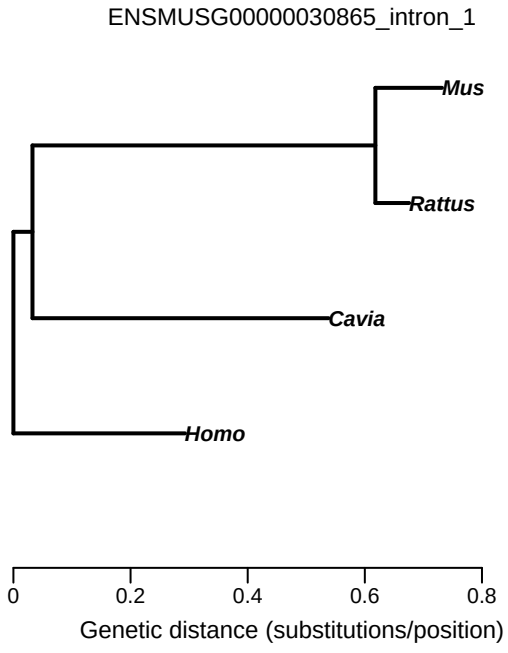
87
109
93
103
182
204
199
213
209
227
223
236

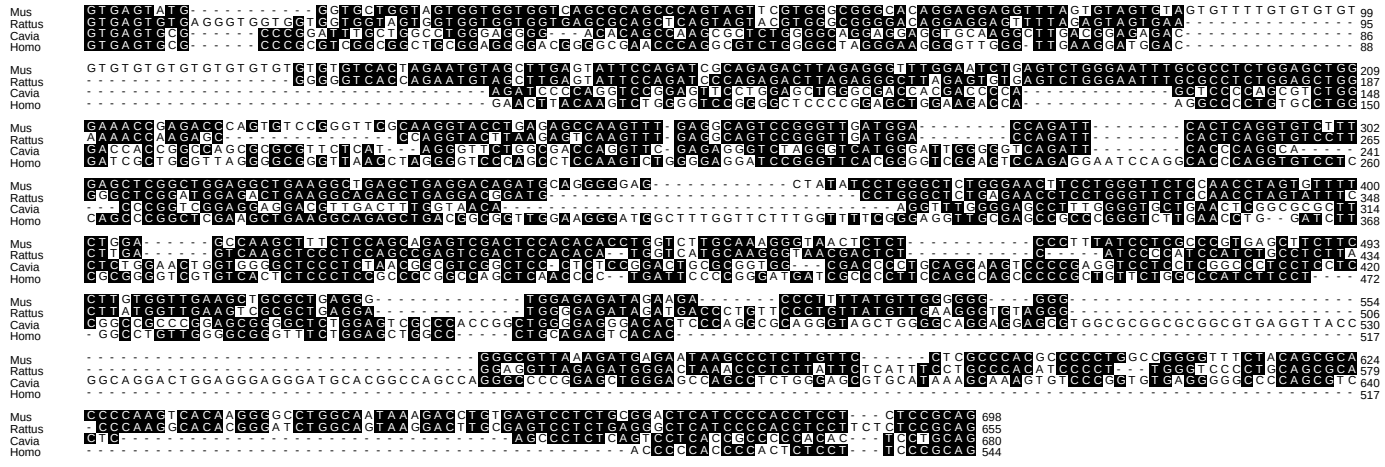
ENSMUSG00000030865 intron 1

Description: Calcineurin B homologous protein 2 (2010110P09Rik)
Intron number: 1
Mouse chromosome: 7
Upstream exon length: 67
Downstream exon length: 73
Mouse intron length: 698
Intron alignment length: 847
Total murinae branch length: 0.17131
K_score: 0.07041
Scaling factor: 0.5674

ENSMUSG00000030865 exon 1 (ORF 0)

ENSMUSG00000030865 exon 2 (ORF 2)

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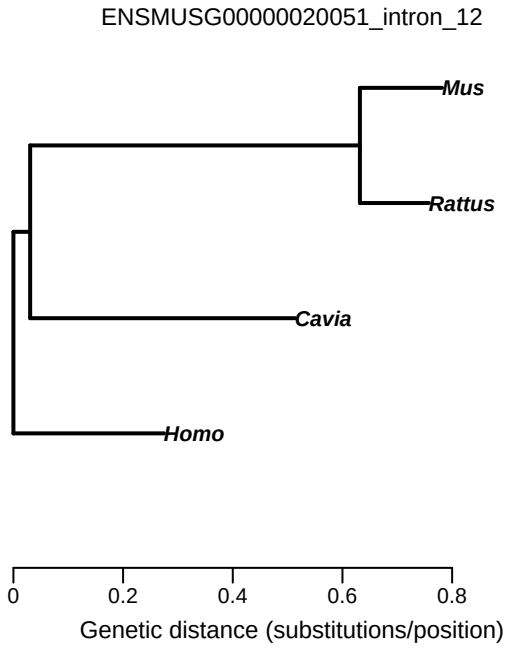
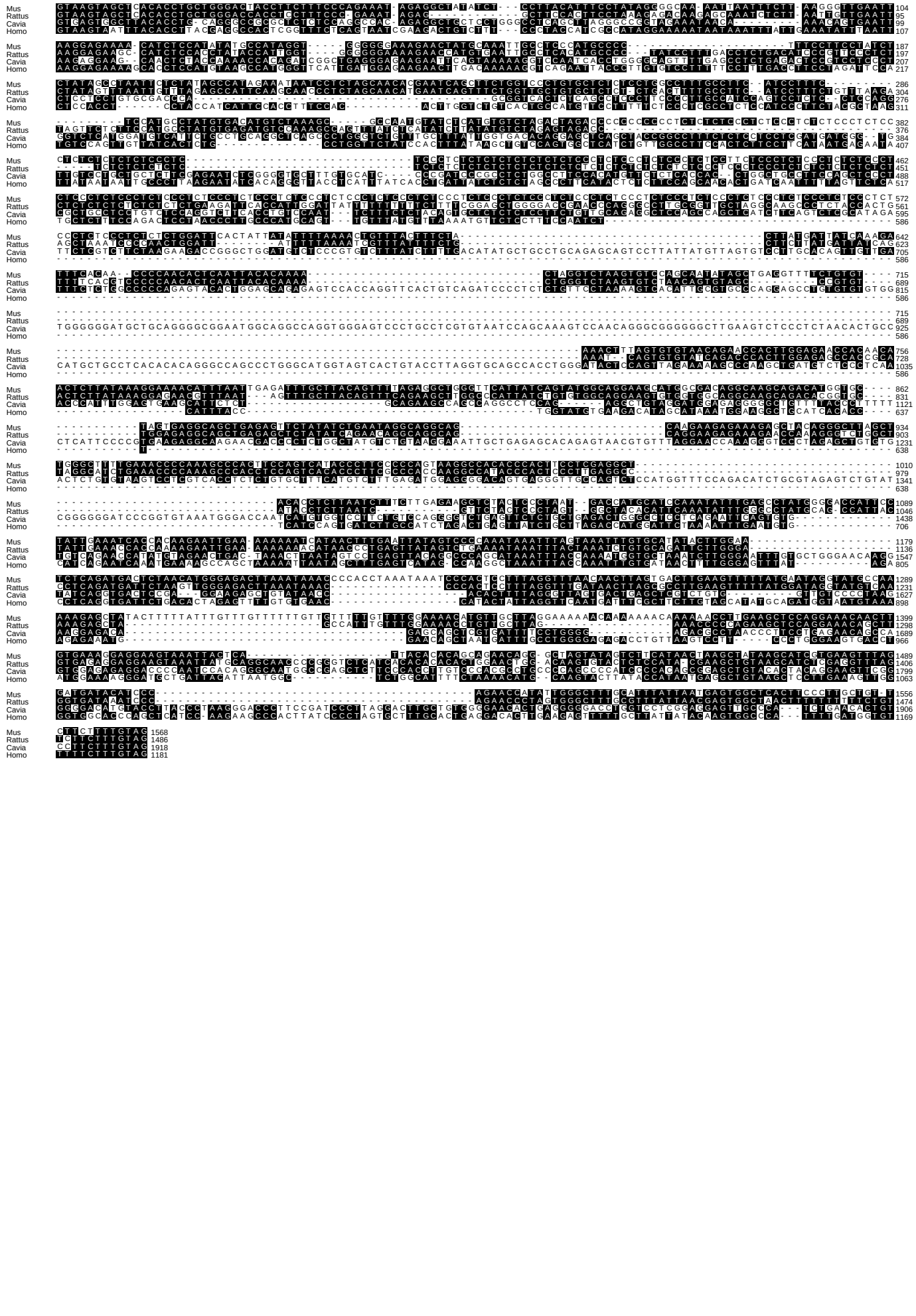
ENSMUSG00000020051 intron 12

Description: Phenylalanine-4-hydroxylase (Pah)
Intron number: 12
Mouse chromosome: 10
Upstream exon length: 116
Downstream exon length: 47
Mouse intron length: 1568
Intron alignment length: 2102
Total murinae branch length: 0.27535
K_score: 0.05589
Scaling factor: 0.56744

ENSMUSG00000020051 exon 12 (ORF 1)

ENSMUSG00000020051 exon 13 (ORF 2)

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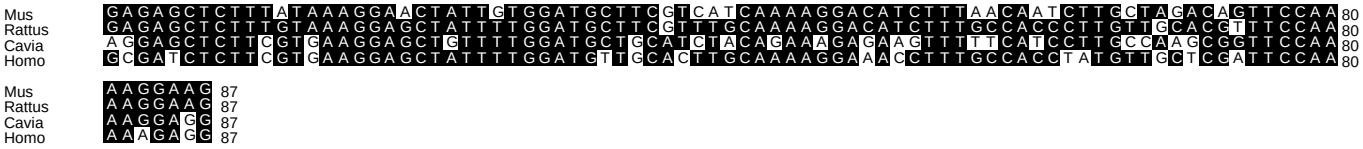
ENSMUSG00000064158 intron 2

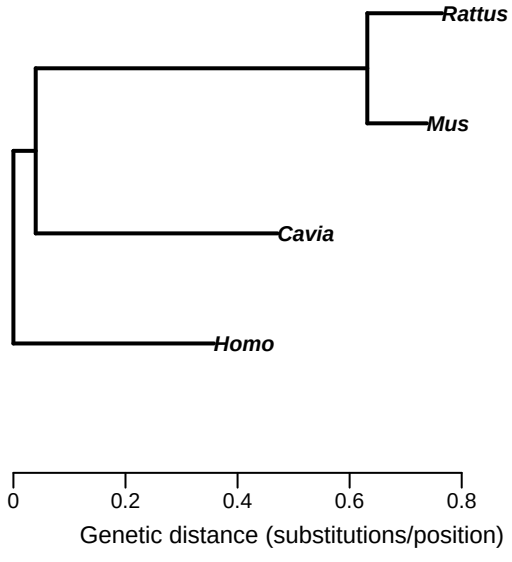
Description: Izumo sperm-egg fusion protein 1 Precursor (Izumo1)
Intron number: 2
Mouse chromosome: 7
Upstream exon length: 75
Downstream exon length: 87
Mouse intron length: 766
Intron alignment length: 856
Total murinae branch length: 0.23960
K_score: 0.06154
Scaling factor: 0.5676

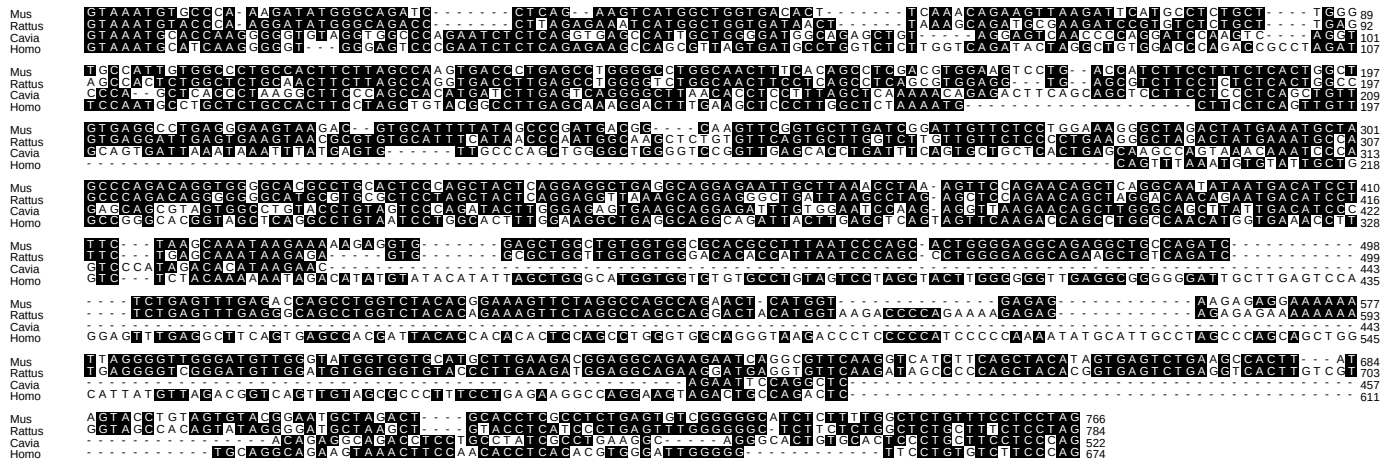
ENSMUSG00000064158 exon 2 (ORF 2)

ENSMUSG00000064158 exon 3 (ORF 2)



ENSMUSG00000064158_intron_2




Mus
Rattus
Cavia
Homo

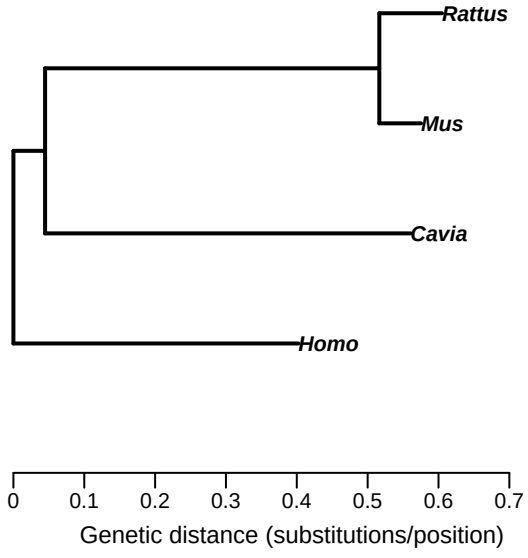
ENSMUSG00000030703 intron 1

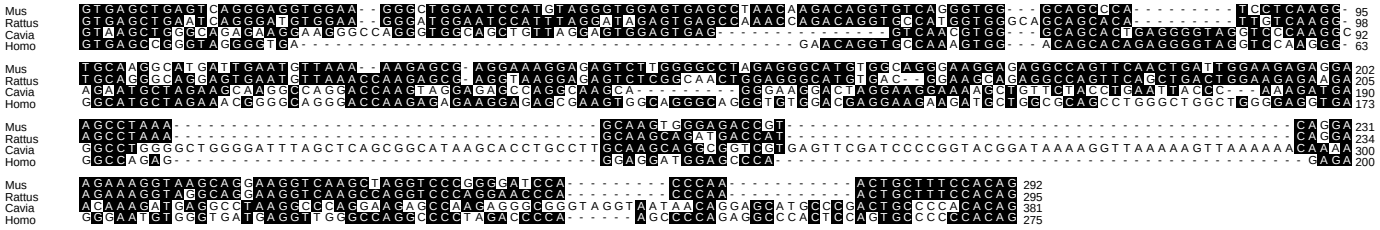
Description: Glycerophosphodiester phosphodiesterase domain-containing pr (Gdpd3)
Intron number: 1
Mouse chromosome: 7
Upstream exon length: 139
Downstream exon length: 43
Mouse intron length: 292
Intron alignment length: 411
Total murinae branch length: 0.14735
K_score: 0.08684
Scaling factor: 0.57245

ENSMUSG00000030703 exon 1 (ORF 0)

ENSMUSG00000030703 exon 2 (ORF 2)

ENSMUSG00000030703_intron_1




Mus
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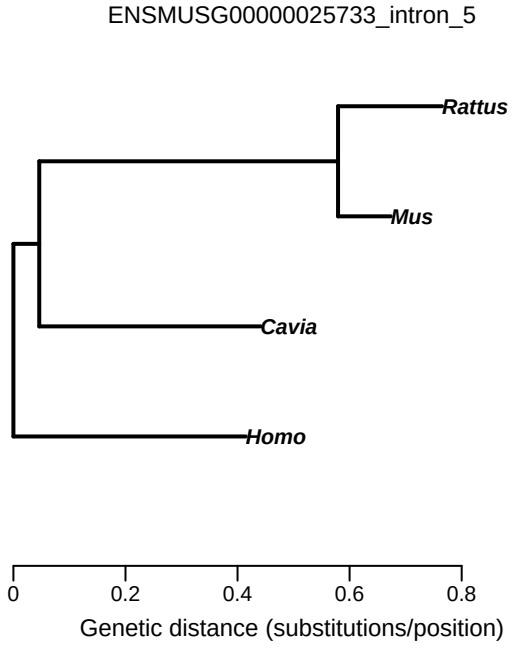
95
98
92
63
202
205
190
173
231
234
300
200
292
295
381
275

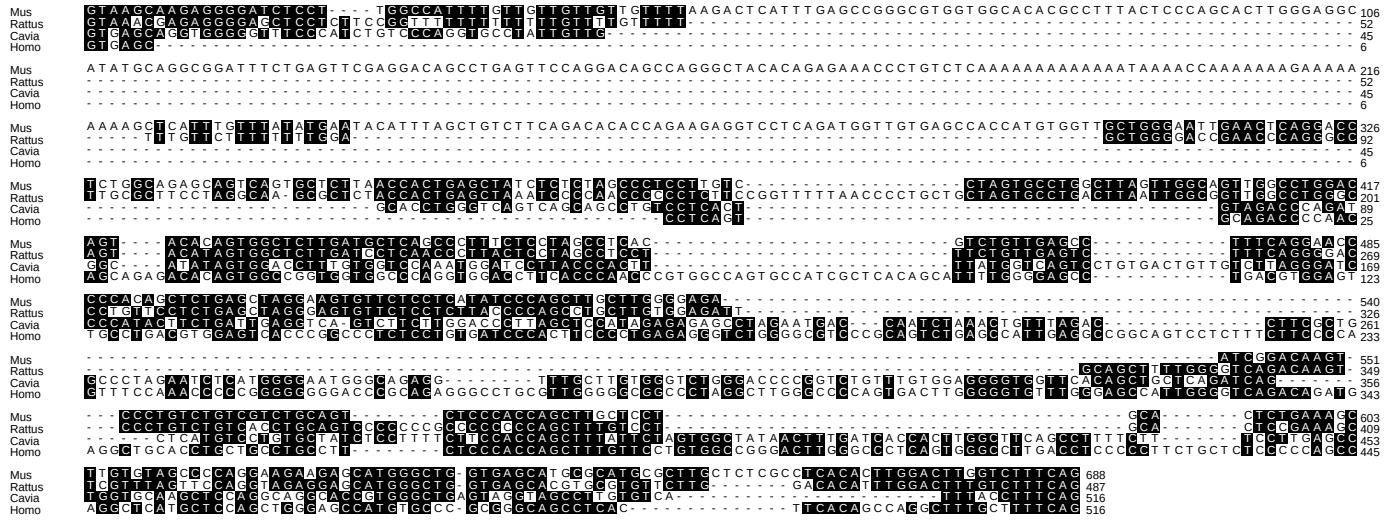
ENSMUSG00000025733 intron 5

Description: Mitochondrial Rho GTPase 2 (Rhot2)
Intron number: 5
Mouse chromosome: 17
Upstream exon length: 54
Downstream exon length: 53
Mouse intron length: 688
Intron alignment length: 966
Total murinae branch length: 0.27959
K_score: 0.08942
Scaling factor: 0.57345

ENSMUSG00000025733 exon 5 (ORF 0)

ENSMUSG00000025733 exon 6 (ORF 0)




Mus
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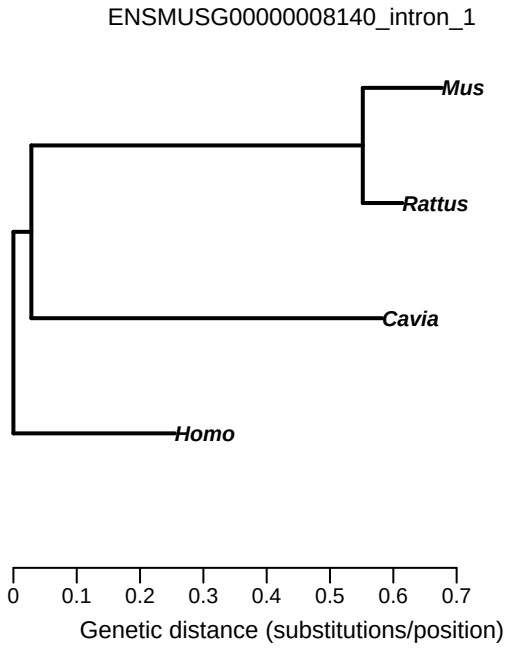
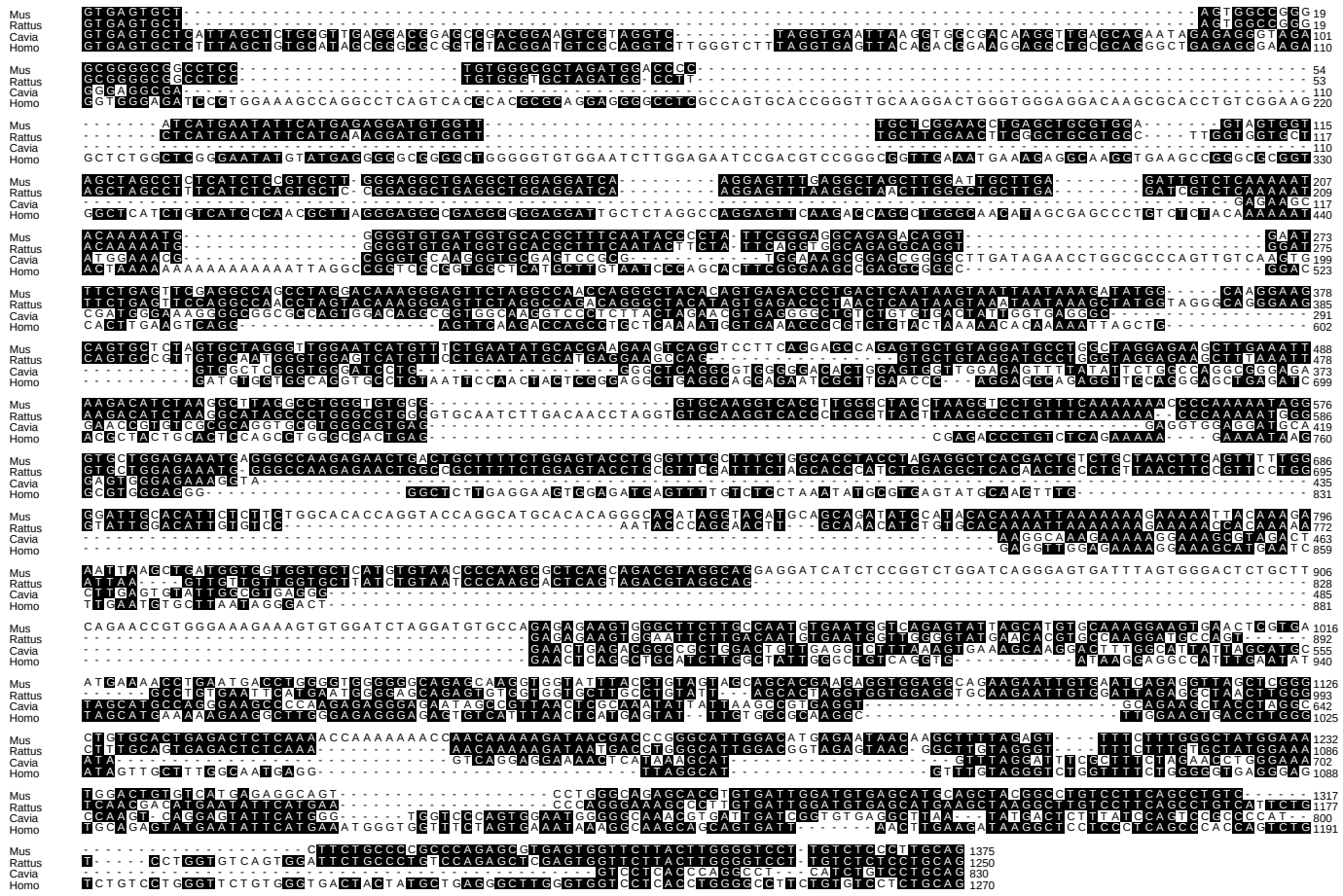
ENSMUSG00000008140 intron 1

Description: UPF0510 protein C19orf63 homolog Precursor (2310044H10Rik)
Intron number: 1
Mouse chromosome: 7
Upstream exon length: 114
Downstream exon length: 73
Mouse intron length: 1375
Intron alignment length: 1729
Total murinae branch length: 0.18755
K_score: 0.07851
Scaling factor: 0.58215

ENSMUSG00000008140 exon 1 (ORF 0)

ENSMUSG00000008140 exon 2 (ORF 0)

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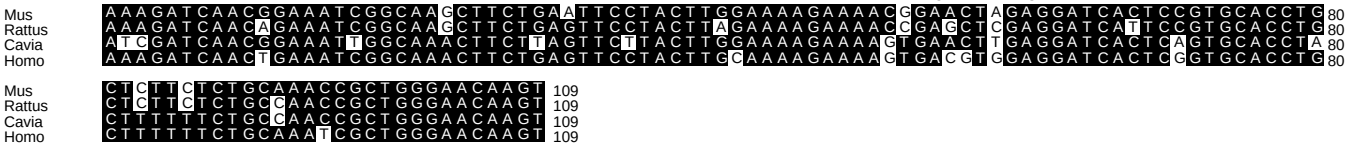
ENSMUSG00000026281 intron 1

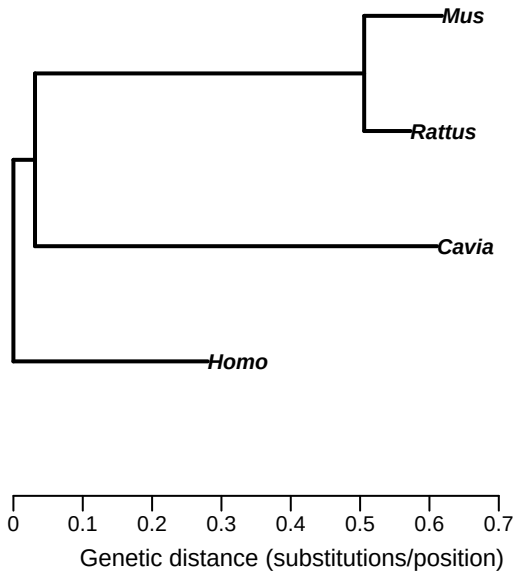
Description: Thymidylate kinase (Dtymk)
Intron number: 1
Mouse chromosome: 1
Upstream exon length: 130
Downstream exon length: 109
Mouse intron length: 787
Intron alignment length: 1273
Total murinae branch length: 0.17899
K_score: 0.08402
Scaling factor: 0.58328

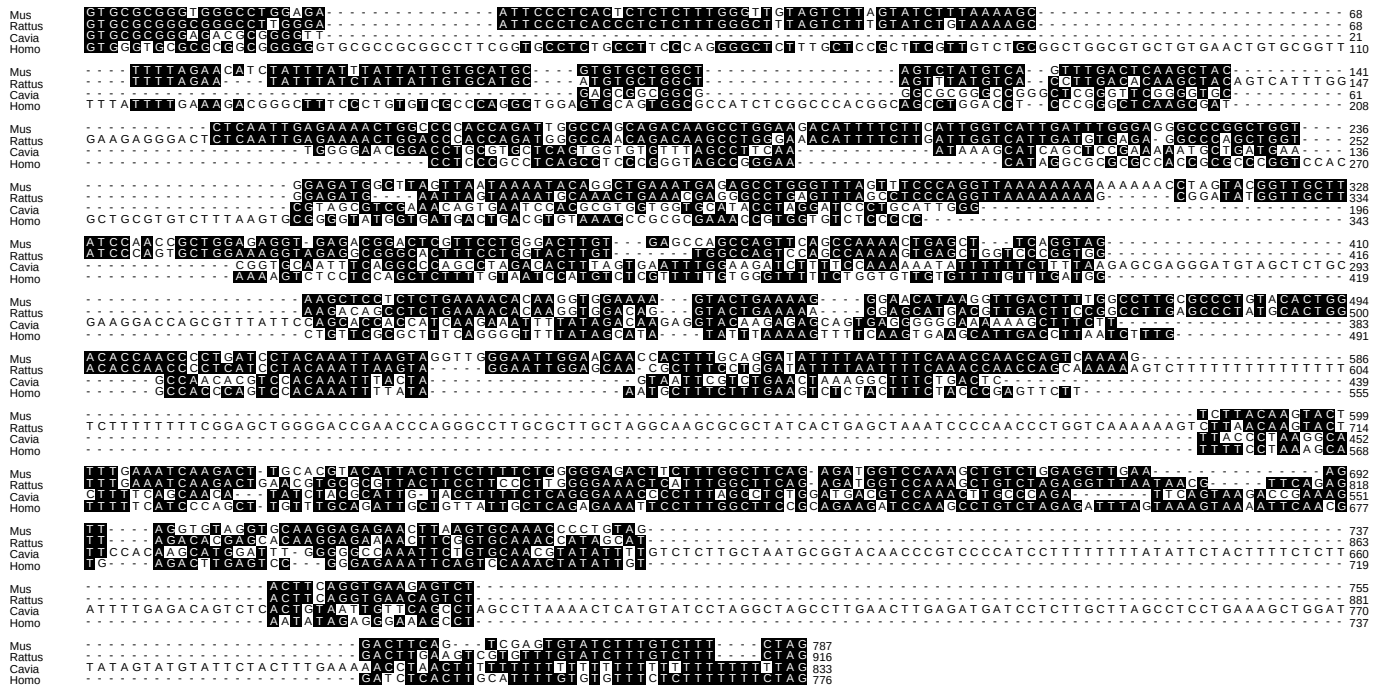
ENSMUSG00000026281 exon 1 (ORF 0)

ENSMUSG00000026281 exon 2 (ORF 2)



ENSMUSG00000026281_intron_1




Mus
Rattus
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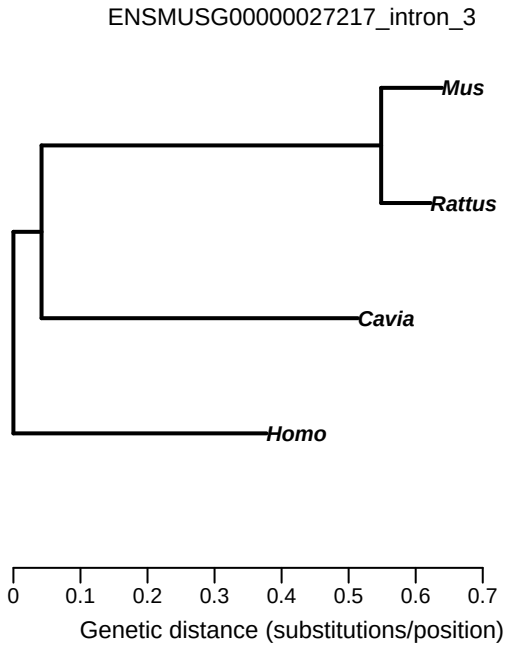
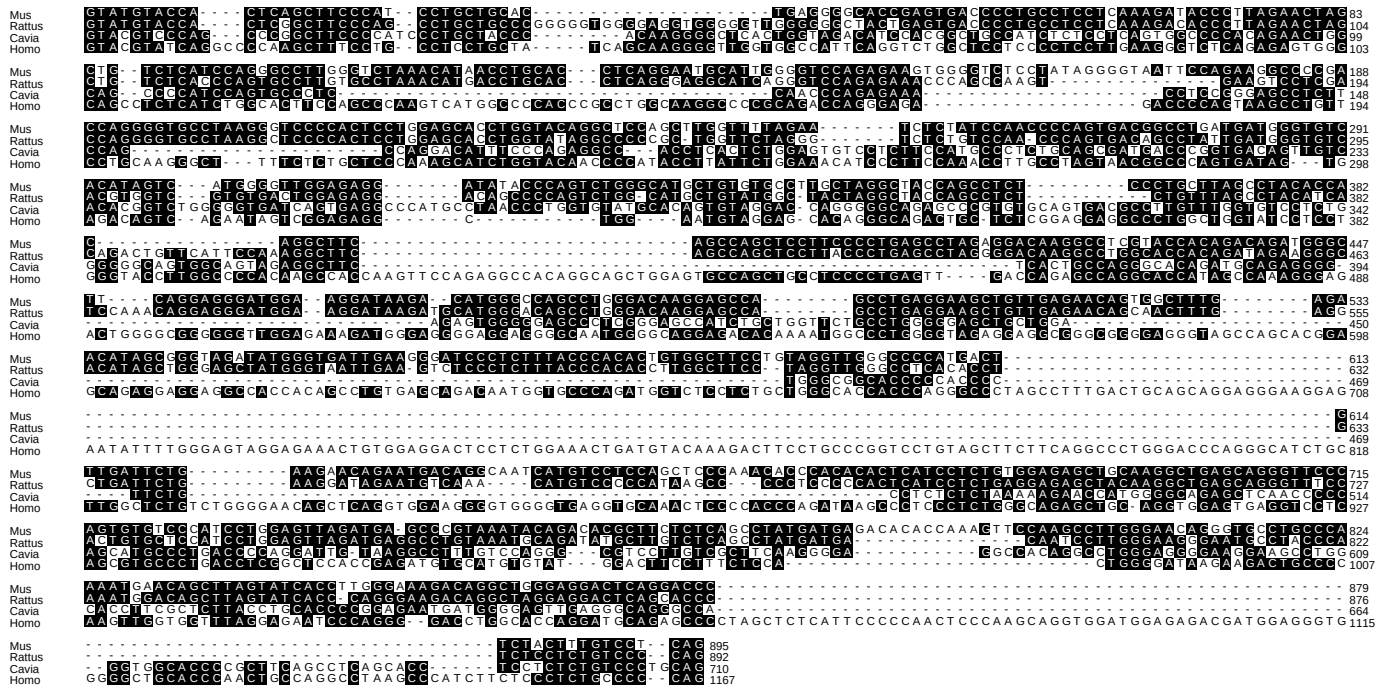
ENSMUSG00000027217 intron 3

Description: Tetraspanin-18 (Tspan18)
Intron number: 3
Mouse chromosome: 2
Upstream exon length: 75
Downstream exon length: 99
Mouse intron length: 895
Intron alignment length: 1264
Total murinae branch length: 0.16449
K_score: 0.06838
Scaling factor: 0.58936

ENSMUSG00000027217 exon 3 (ORF 0)

ENSMUSG00000027217 exon 4 (ORF 0)

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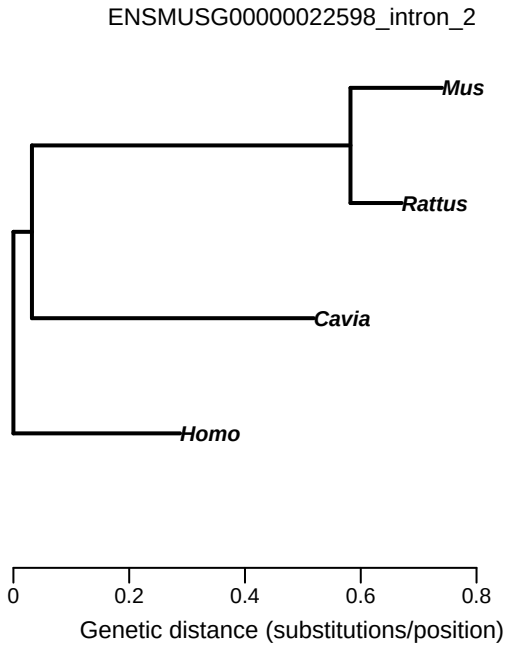
ENSMUSG00000022598 intron 2

Description: Prostate stem cell antigen Precursor (Psca)
Intron number: 2
Mouse chromosome: 15
Upstream exon length: 108
Downstream exon length: 212
Mouse intron length: 257
Intron alignment length: 506
Total murinae branch length: 0.24668
K_score: 0.04827
Scaling factor: 0.58956

ENSMUSG00000022598 exon 2 (ORF 2)

ENSMUSG00000022598 exon 3 (ORF 2)

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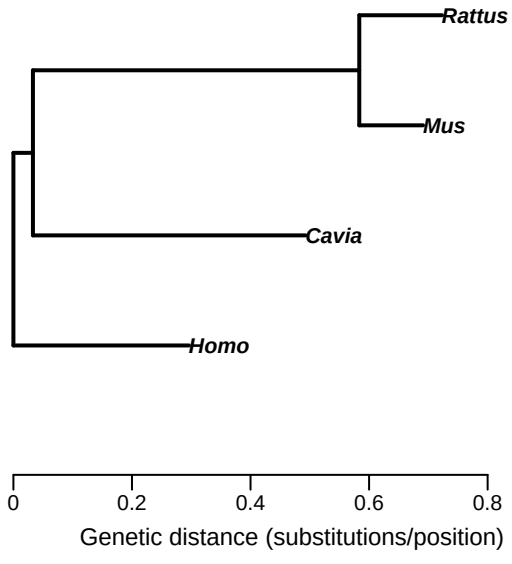
ENSMUSG00000022469 intron 16

Description: Rap guanine nucleotide exchange factor 3 (Rapgef3)
Intron number: 16
Mouse chromosome: 15
Upstream exon length: 82
Downstream exon length: 147
Mouse intron length: 314
Intron alignment length: 361
Total murinae branch length: 0.24713
K_score: 0.03549
Scaling factor: 0.60024

ENSMUSG00000022469 exon 16 (ORF 0)

ENSMUSG00000022469 exon 17 (ORF 2)

ENSMUSG00000022469_intron_16

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Homo
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274
321
281
Mus
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Cavia
Homo
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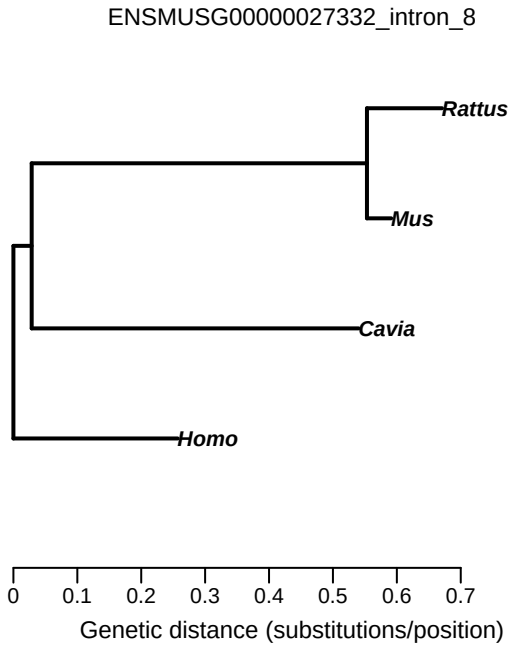
301
351
310

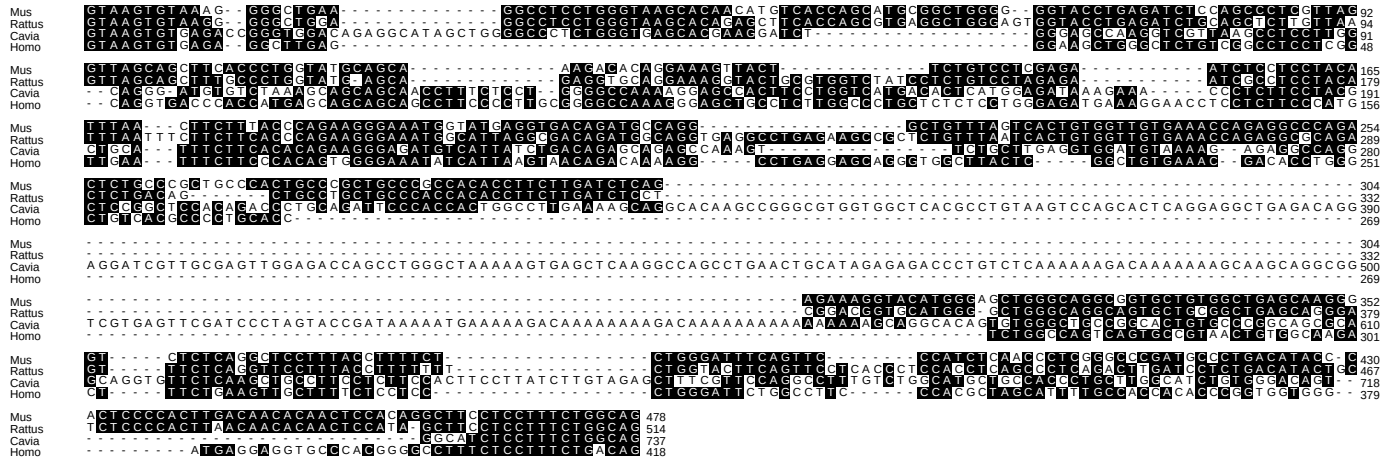
ENSMUSG00000027332 intron 8

Description: Isovaleryl-CoA dehydrogenase, mitochondrial Precursor (Ivd)
Intron number: 8
Mouse chromosome: 2
Upstream exon length: 94
Downstream exon length: 82
Mouse intron length: 478
Intron alignment length: 818
Total murinae branch length: 0.15541
K_score: 0.07661
Scaling factor: 0.6038

ENSMUSG00000027332 exon 8 (ORF 2)

ENSMUSG00000027332 exon 9 (ORF 1)

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Rattus
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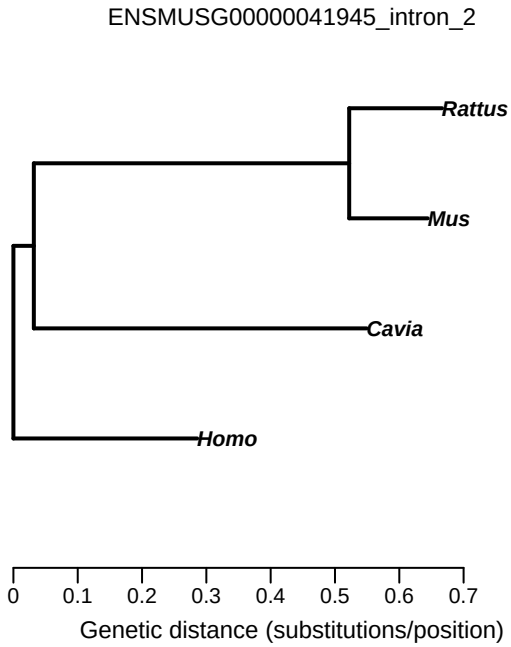
Homo

ENSMUSG00000041945 intron 2

Description: Major facilitator superfamily domain-containing protein 9 (Mfsd9)
Intron number: 2
Mouse chromosome: 1
Upstream exon length: 88
Downstream exon length: 44
Mouse intron length: 1319
Intron alignment length: 1526
Total murinae branch length: 0.26634
K_score: 0.03286
Scaling factor: 0.60485

ENSMUSG00000041945 exon 2 (ORF 0)

ENSMUSG00000041945 exon 3 (ORF 2)

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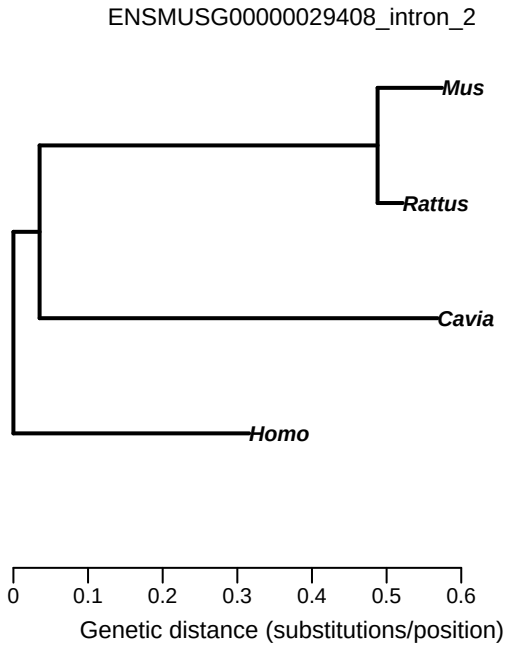
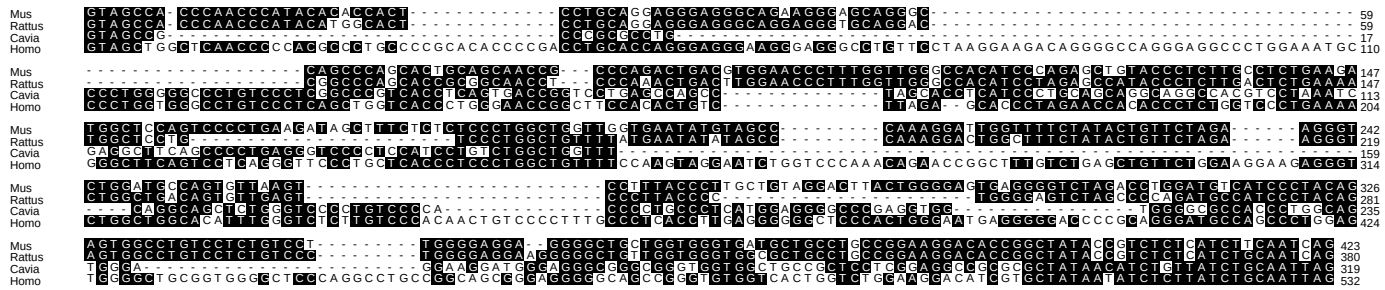
ENSMUSG00000029408 intron 2

Description: ATP-binding cassette sub-family B member 9 Precursor (Abcb9)
Intron number: 2
Mouse chromosome: 5
Upstream exon length: 115
Downstream exon length: 131
Mouse intron length: 423
Intron alignment length: 548
Total murinae branch length: 0.11990
K_score: 0.08984
Scaling factor: 0.60705

ENSMUSG00000029408 exon 2 (ORF 2)

ENSMUSG00000029408 exon 3 (ORF 1)




Mus
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Homo

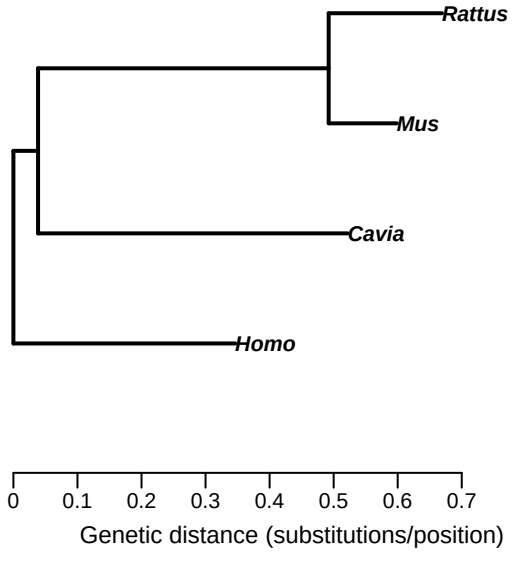
ENSMUSG00000039849 intron 7

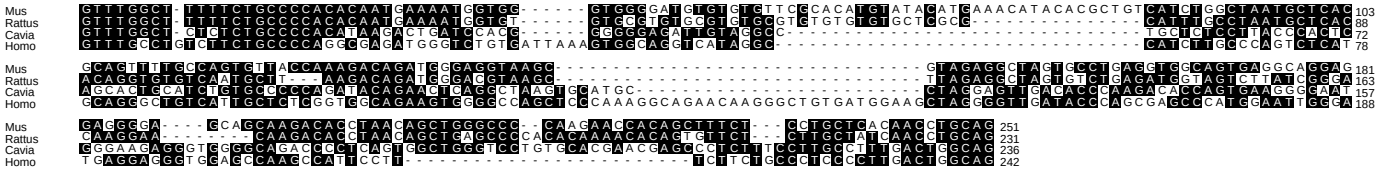
Description: Phosphorylated CTD-interacting factor 1 (Pcif1)
Intron number: 7
Mouse chromosome: 2
Upstream exon length: 84
Downstream exon length: 100
Mouse intron length: 251
Intron alignment length: 299
Total murinae branch length: 0.28345
K_score: 0.04691
Scaling factor: 0.61008

ENSMUSG00000039849 exon 7 (ORF 1)

ENSMUSG00000039849 exon 8 (ORF 1)

ENSMUSG00000039849_intron_7



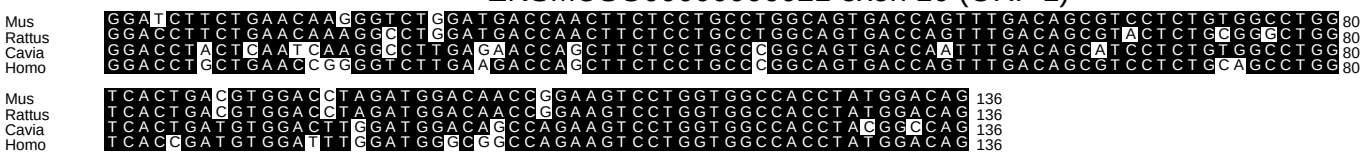

Mus
Rattus
Cavia
Homo

ENSMUSG00000006021 intron 9

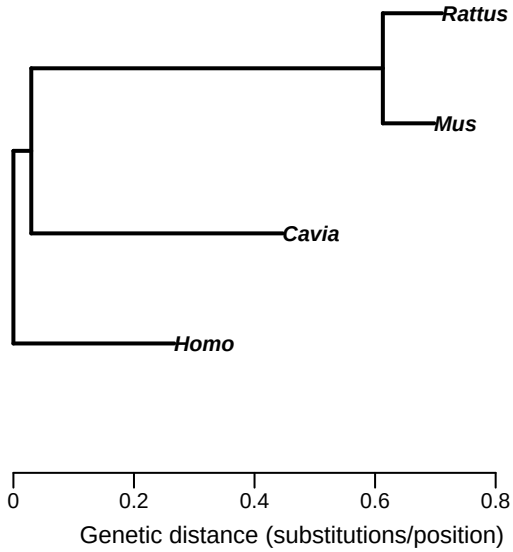
Description: Kaptin (Kptn)
Intron number: 9
Mouse chromosome: 7
Upstream exon length: 76
Downstream exon length: 136
Mouse intron length: 920
Intron alignment length: 1532
Total murinae branch length: 0.18335
K_score: 0.0796
Scaling factor: 0.61043

ENSMUSG00000006021 exon 9 (ORF 2)

ENSMUSG00000006021 exon 10 (ORF 1)



ENSMUSG00000006021_intron_9

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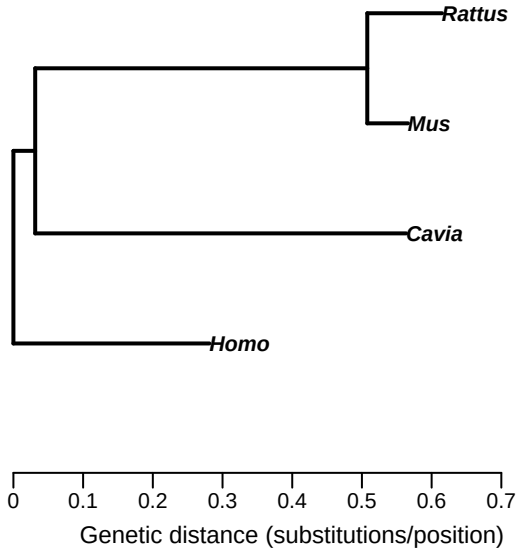
ENSMUSG00000014453 intron 3

Description: Tyrosine-protein kinase BLK (Blk)
Intron number: 3
Mouse chromosome: 14
Upstream exon length: 94
Downstream exon length: 99
Mouse intron length: 811
Intron alignment length: 1056
Total murinae branch length: 0.16558
K_score: 0.06904
Scaling factor: 0.61055

ENSMUSG00000014453 exon 3 (ORF 2)

ENSMUSG00000014453 exon 4 (ORF 1)

ENSMUSG00000014453_intron_3

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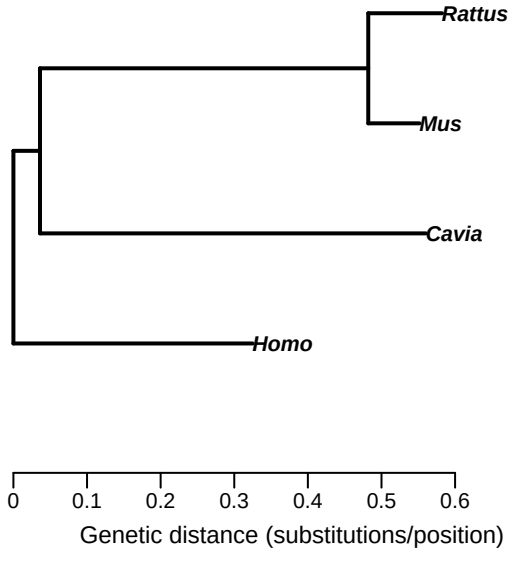
ENSMUSG00000037706 intron 5

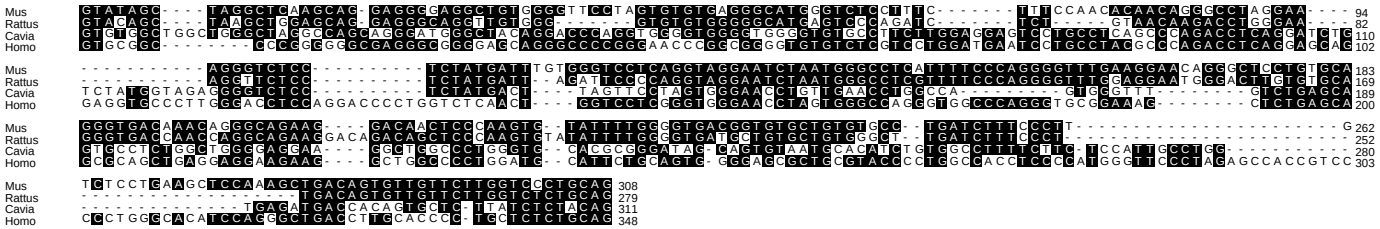
Description: CD81 antigen (Cd81)
Intron number: 5
Mouse chromosome: 7
Upstream exon length: 105
Downstream exon length: 102
Mouse intron length: 308
Intron alignment length: 376
Total murinae branch length: 0.16972
K_score: 0.06904
Scaling factor: 0.61246

ENSMUSG00000037706 exon 5 (ORF 0)

ENSMUSG00000037706 exon 6 (ORF 0)

ENSMUSG00000037706_intron_5

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94
82
110
102
183
169
189
200
262
252
280
303
308
279
311
348

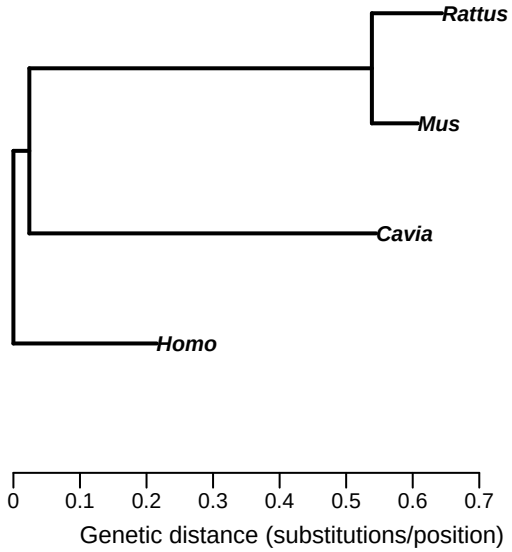
ENSMUSG00000034853 intron 10

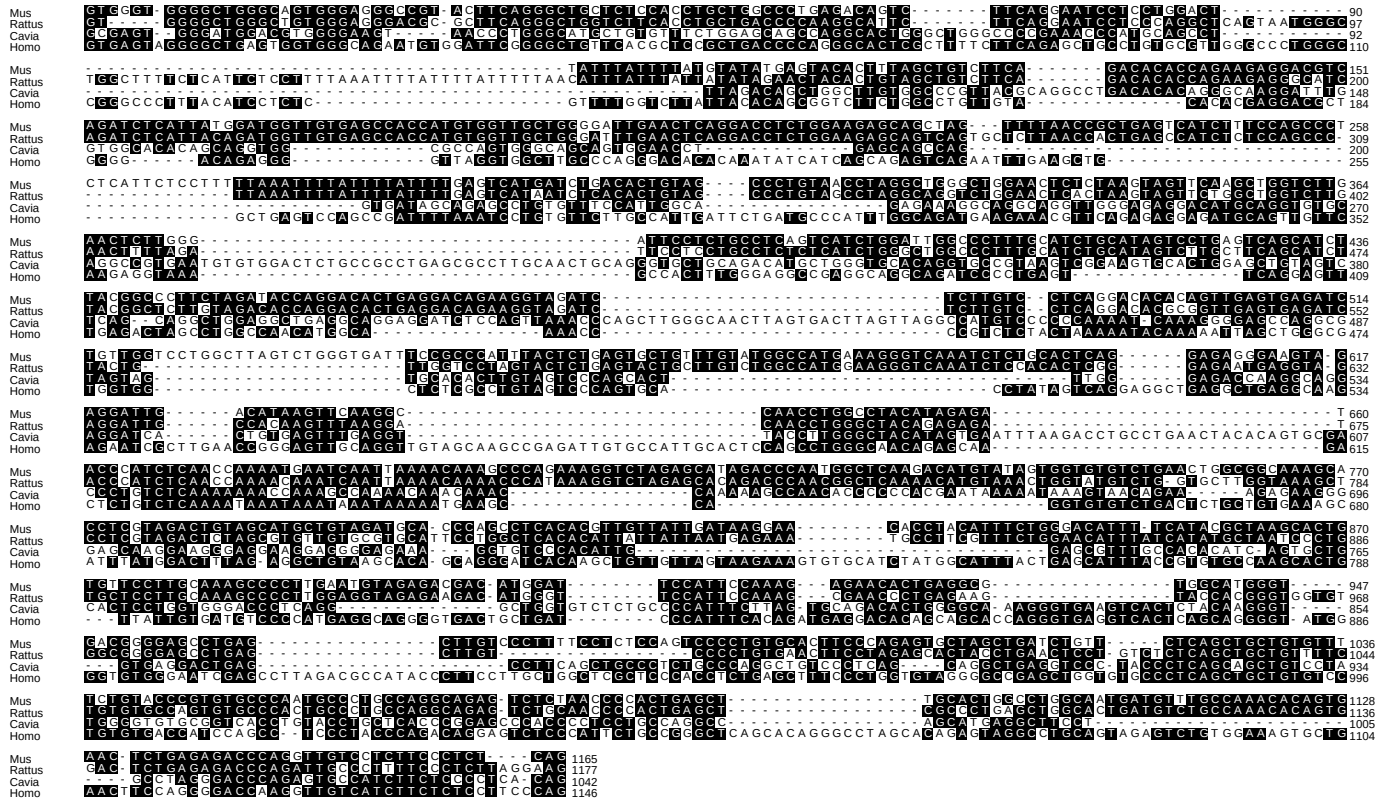
Description: Acyl-coenzyme A thioesterase 11 (Acot11)
Intron number: 10
Mouse chromosome: 4
Upstream exon length: 56
Downstream exon length: 67
Mouse intron length: 1165
Intron alignment length: 1472
Total murinae branch length: 0.17427
K_score: 0.08549
Scaling factor: 0.61374

ENSMUSG00000034853 exon 10 (ORF 0)

ENSMUSG00000034853 exon 11 (ORF 1)

ENSMUSG00000034853_intron_10

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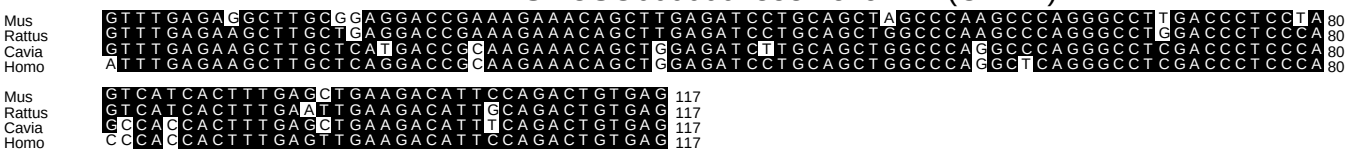
ENSMUSG00000028582 intron 17

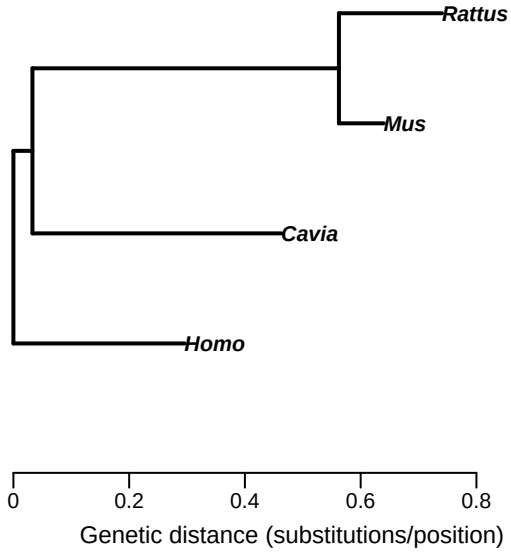
Description: Coiled-coil and C2 domain-containing protein 1B (Cc2d1b)
Intron number: 17
Mouse chromosome: 4
Upstream exon length: 117
Downstream exon length: 74
Mouse intron length: 258
Intron alignment length: 345
Total murinae branch length: 0.25564
K_score: 0.05116
Scaling factor: 0.61914

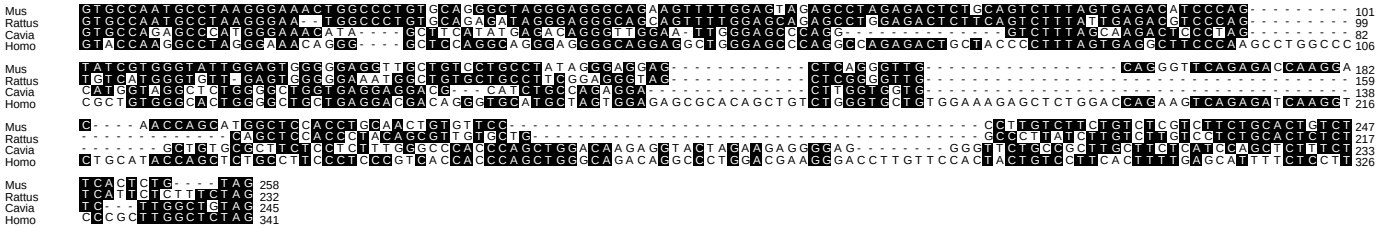
ENSMUSG00000028582 exon 17 (ORF 1)



ENSMUSG00000028582 exon 18 (ORF 1)

ENSMUSG00000028582_intron_17

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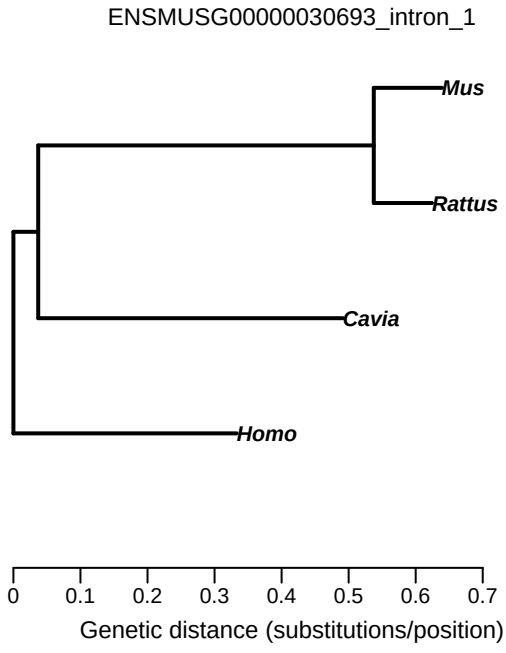
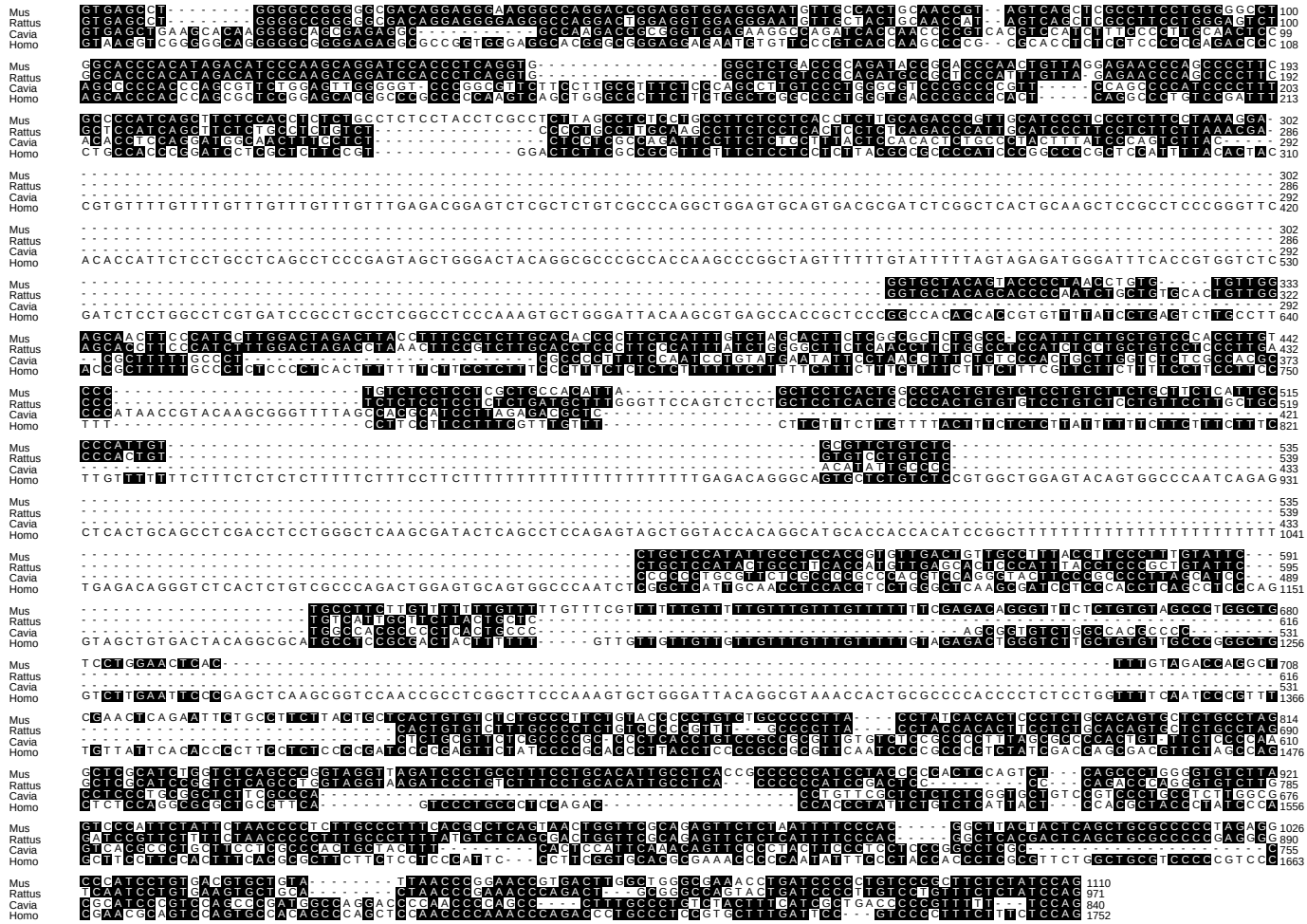
ENSMUSG00000030693 intron 1

Description: kallikrein related-peptidase 10 (Klk10)
Intron number: 1
Mouse chromosome: 7
Upstream exon length: 91
Downstream exon length: 184
Mouse intron length: 1110
Intron alignment length: 1852
Total murinae branch length: 0.18863
K_score: 0.04681
Scaling factor: 0.61939

ENSMUSG00000030693 exon 1 (ORF 0)

ENSMUSG00000030693 exon 2 (ORF 2)

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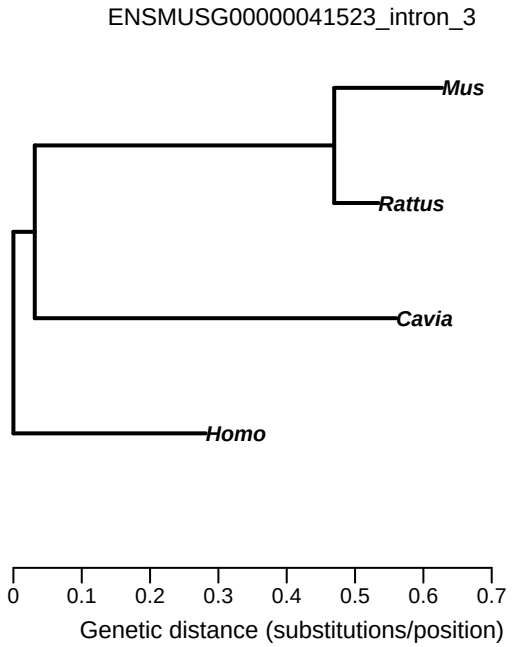
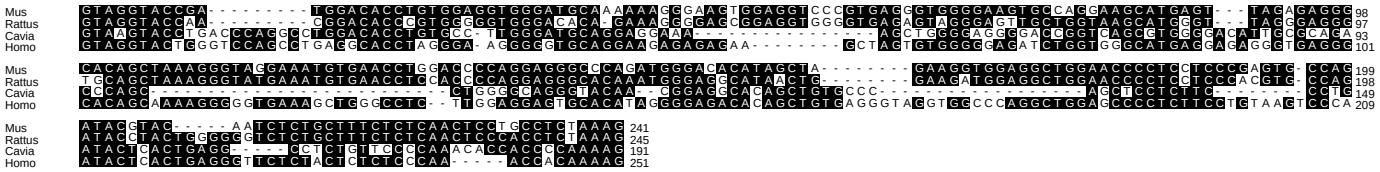
ENSMUSG00000041523 intron 3

Description: Uroplakin-2 Precursor (Upk2)
Intron number: 3
Mouse chromosome: 9
Upstream exon length: 139
Downstream exon length: 71
Mouse intron length: 241
Intron alignment length: 267
Total murinae branch length: 0.22255
K_score: 0.07575
Scaling factor: 0.62148

ENSMUSG00000041523 exon 3 (ORF 2)

ENSMUSG00000041523 exon 4 (ORF 1)

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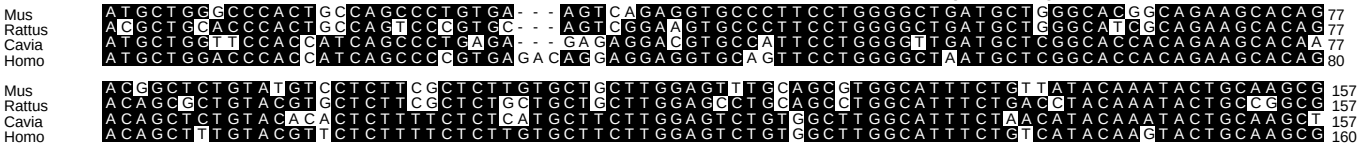
Homo

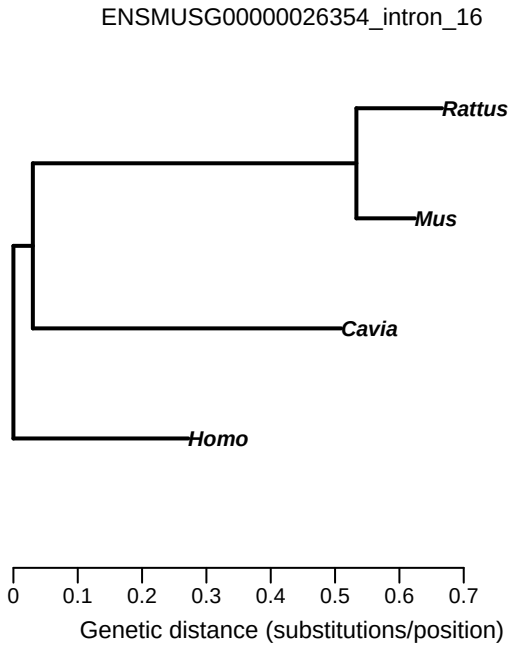
ENSMUSG00000026354 intron 16

Description: lactase (Lct)
Intron number: 16
Mouse chromosome: 1
Upstream exon length: 231
Downstream exon length: 218
Mouse intron length: 1119
Intron alignment length: 1614
Total murinae branch length: 0.22392
K_score: 0.03662
Scaling factor: 0.62672

ENSMUSG00000026354 exon 16 (ORF 2)

ENSMUSG00000026354 exon 17 (ORF 2)



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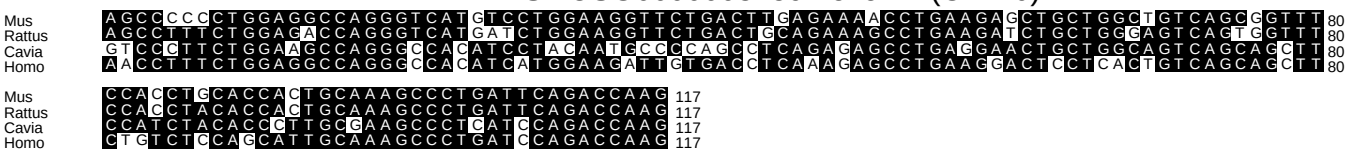
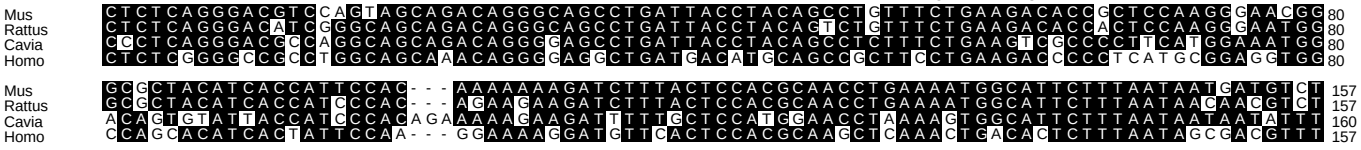
ENSMUSG00000037594 intron 4

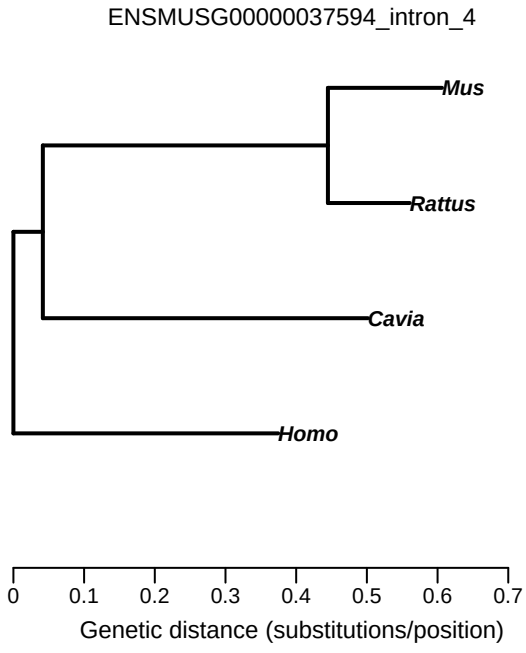
Description: Uncharacterized protein C14orf79 homolog (BC022687)
Intron number: 4
Mouse chromosome: 12
Upstream exon length: 117
Downstream exon length: 162
Mouse intron length: 969
Intron alignment length: 1667
Total murinae branch length: 0.27715
K_score: 0.07873
Scaling factor: 0.62707

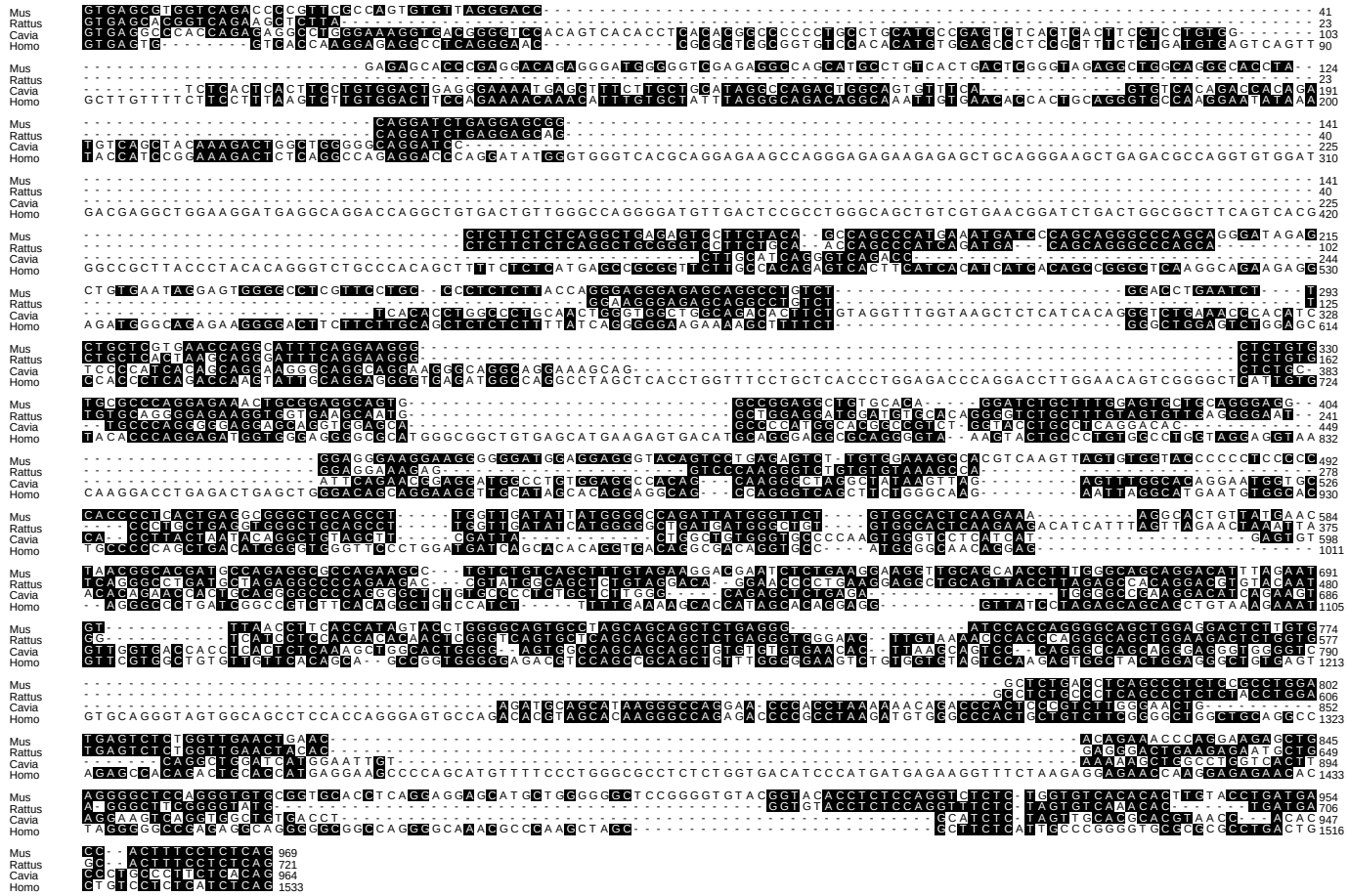
ENSMUSG00000037594 exon 4 (ORF 0)



ENSMUSG00000037594 exon 5 (ORF 0)



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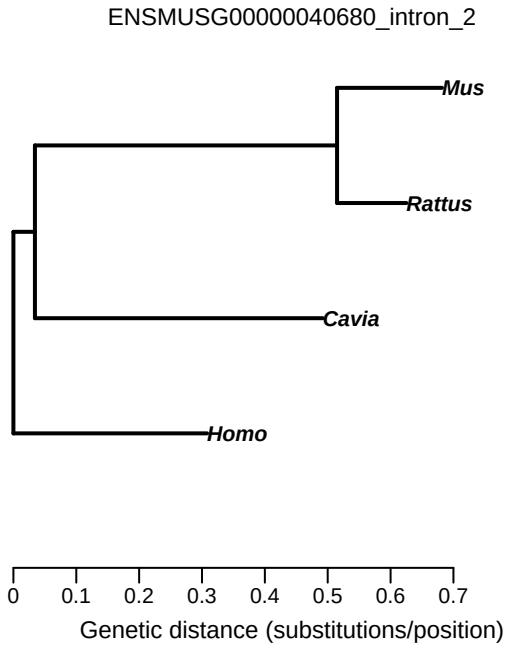
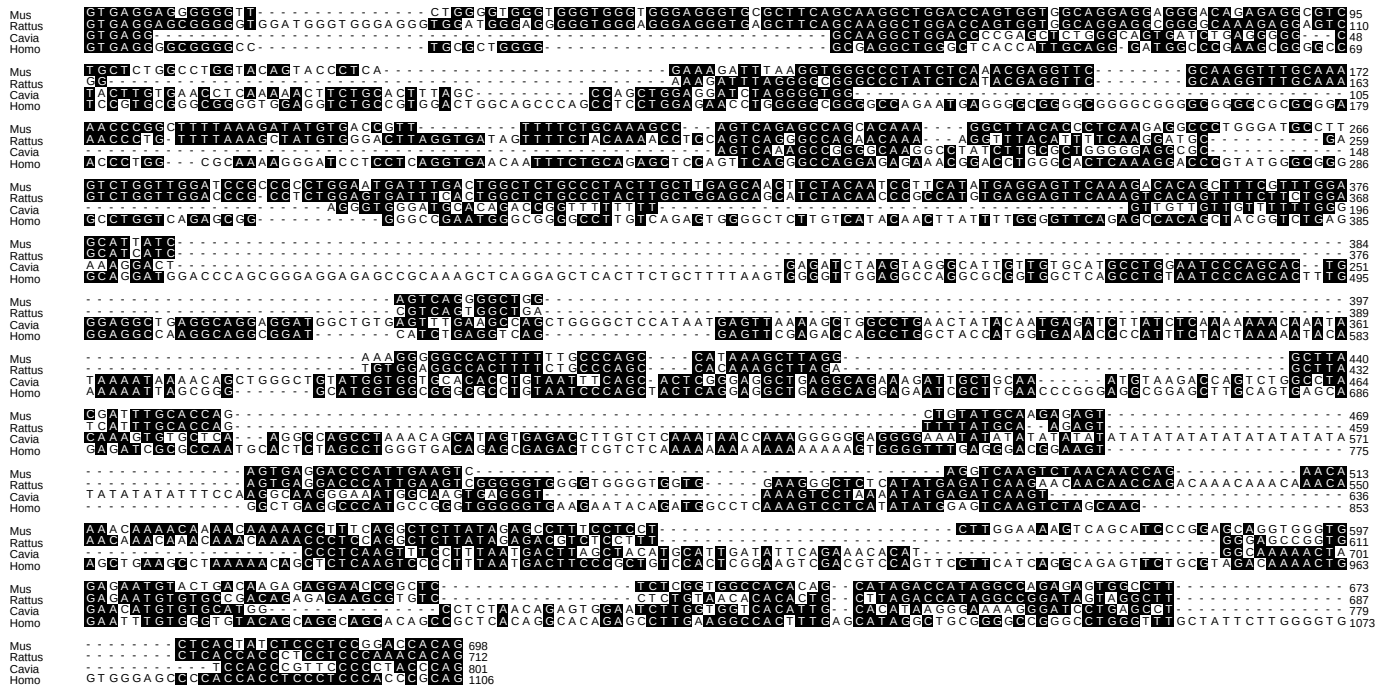
ENSMUSG00000040680 intron 2

Description: Kremen protein 2 Precursor (Kremen2)
Intron number: 2
Mouse chromosome: 17
Upstream exon length: 175
Downstream exon length: 92
Mouse intron length: 698
Intron alignment length: 1243
Total murinae branch length: 0.27735
K_score: 0.03133
Scaling factor: 0.62814

ENSMUSG00000040680 exon 2 (ORF 2)

ENSMUSG00000040680 exon 3 (ORF 1)

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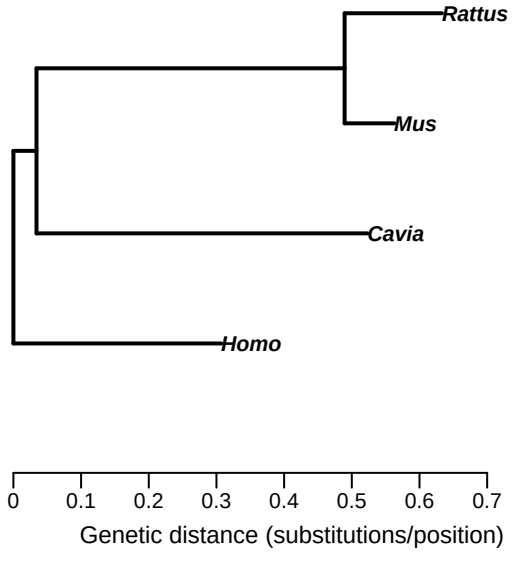
ENSMUSG00000027513 intron 1

Description: Phosphoenolpyruvate carboxykinase, cytosolic (Pck1)
Intron number: 1
Mouse chromosome: 2
Upstream exon length: 224
Downstream exon length: 182
Mouse intron length: 322
Intron alignment length: 443
Total murinae branch length: 0.21718
K_score: 0.04625
Scaling factor: 0.63141

ENSMUSG00000027513 exon 1 (ORF 0)

ENSMUSG00000027513 exon 2 (ORF 1)

ENSMUSG00000027513_intron_1

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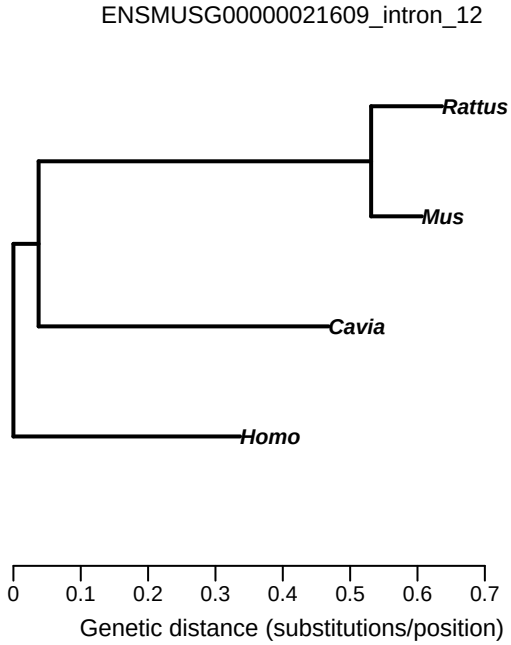
ENSMUSG00000021609 intron 12

Description: Sodium-dependent dopamine transporter (Slc6a3)
Intron number: 12
Mouse chromosome: 13
Upstream exon length: 168
Downstream exon length: 72
Mouse intron length: 1182
Intron alignment length: 2037
Total murinae branch length: 0.18049
K_score: 0.05343
Scaling factor: 0.63212

ENSMUSG00000021609 exon 12 (ORF 0)

ENSMUSG00000021609 exon 13 (ORF 0)

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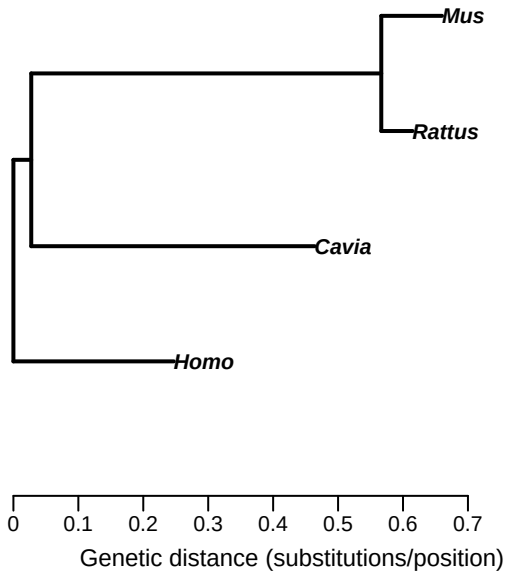
ENSMUSG00000031375 intron 3

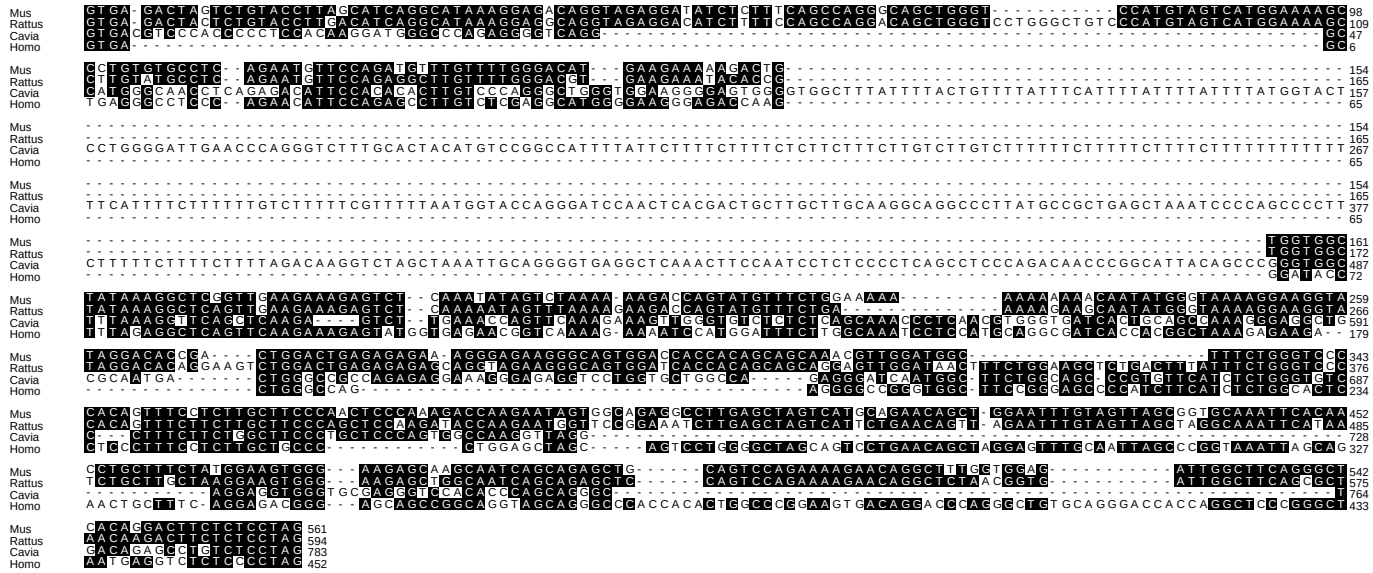
Description: Biglycan Precursor (Bgn)
Intron number: 3
Mouse chromosome: X
Upstream exon length: 214
Downstream exon length: 111
Mouse intron length: 561
Intron alignment length: 1009
Total murinae branch length: 0.14172
K_score: 0.08245
Scaling factor: 0.63676

ENSMUSG00000031375 exon 3 (ORF 0)

ENSMUSG00000031375 exon 4 (ORF 2)

ENSMUSG00000031375_intron_3

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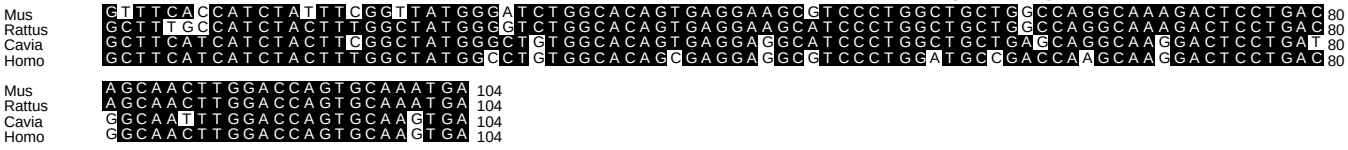
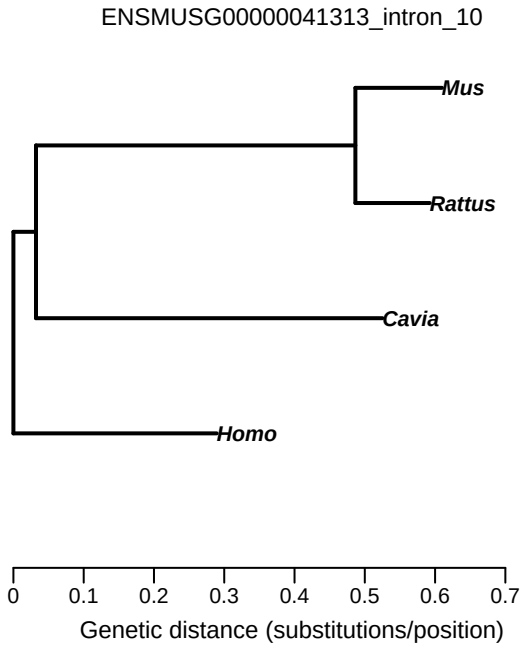
ENSMUSG00000041313 intron 10

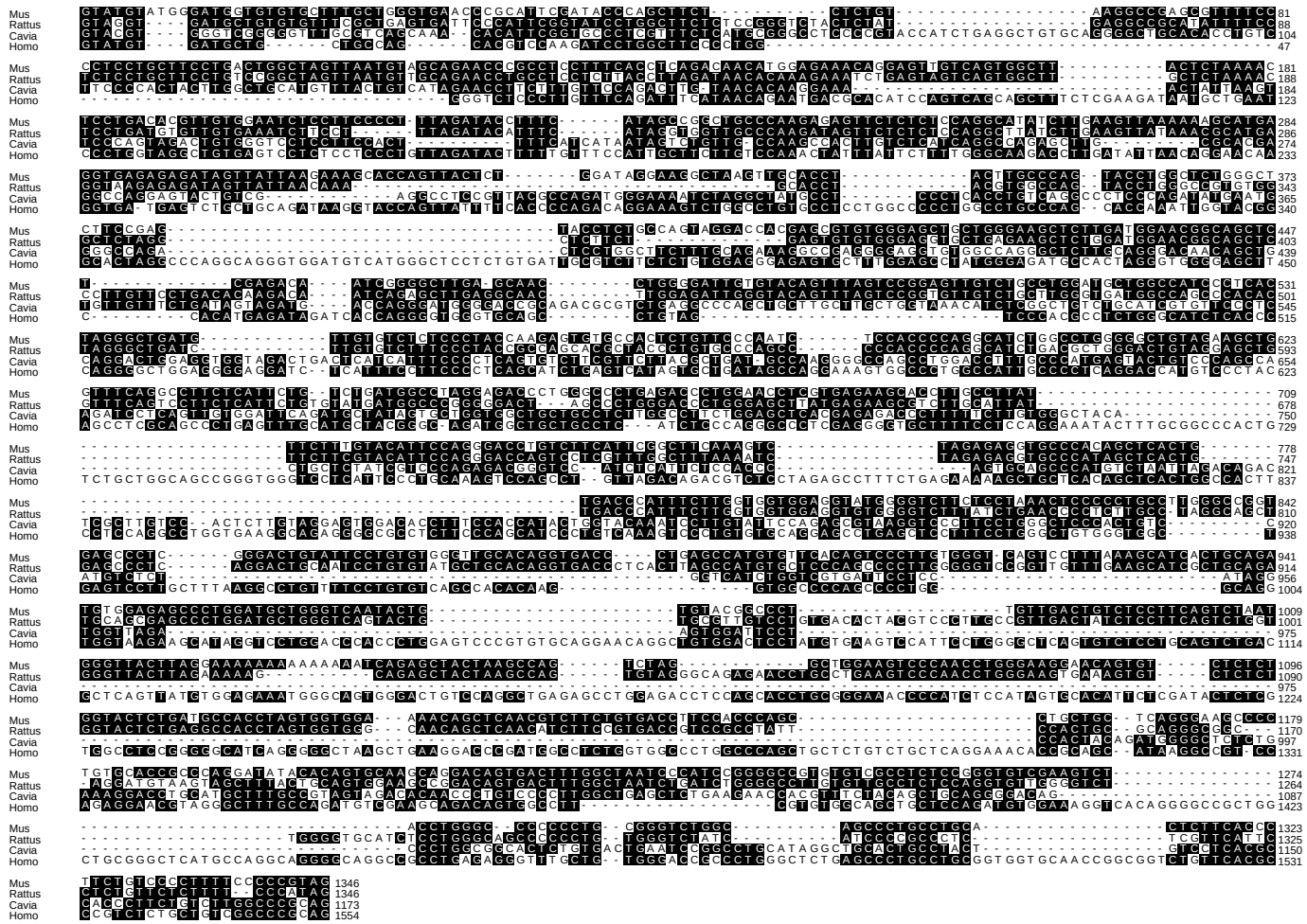
Description: High affinity cationic amino acid transporter 1 (Slc7a1)
Intron number: 10
Mouse chromosome: 5
Upstream exon length: 109
Downstream exon length: 104
Mouse intron length: 1346
Intron alignment length: 1783
Total murinae branch length: 0.22903
K_score: 0.03872
Scaling factor: 0.6375

ENSMUSG00000041313 exon 10 (ORF 0)

ENSMUSG00000041313 exon 11 (ORF 2)



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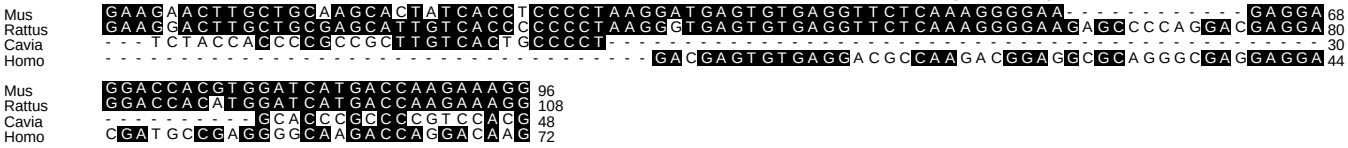
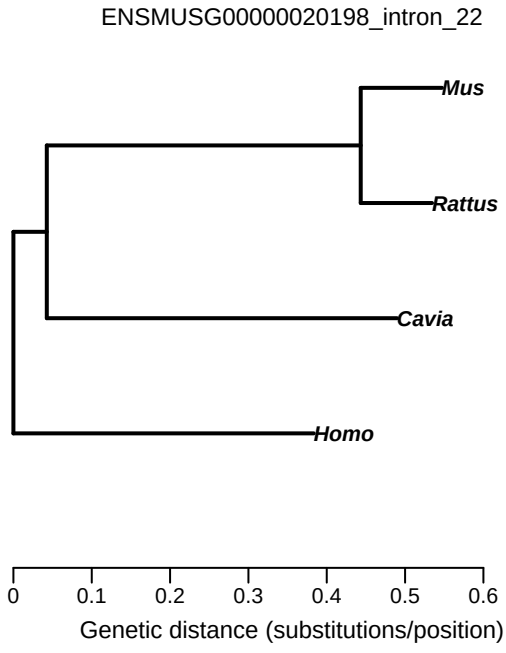
ENSMUSG00000020198 intron 22

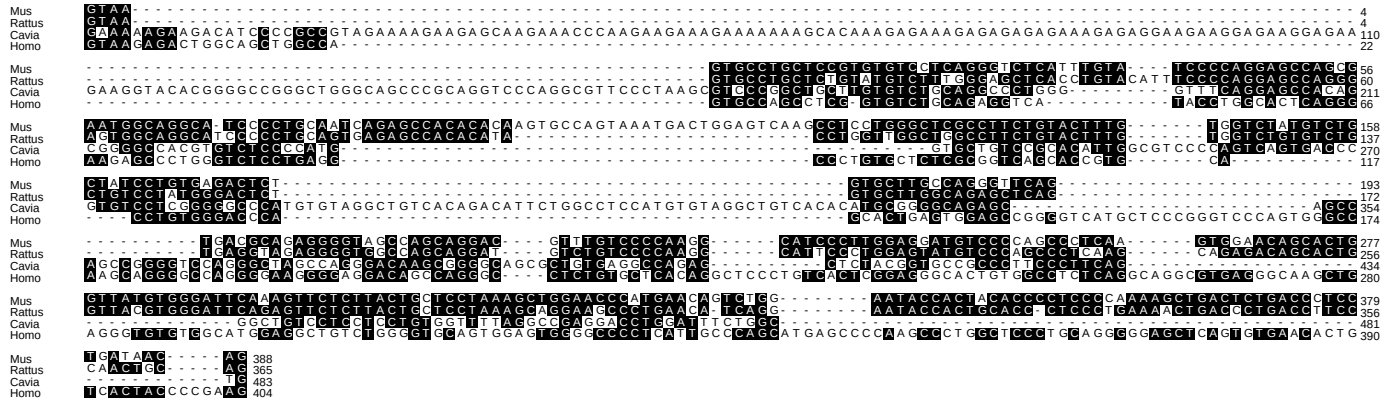
Description: AP-3 complex subunit delta-1 (Ap3d1)
Intron number: 22
Mouse chromosome: 10
Upstream exon length: 72
Downstream exon length: 96
Mouse intron length: 388
Intron alignment length: 674
Total murinae branch length: 0.19484
K_score: 0.08845
Scaling factor: 0.63902

ENSMUSG00000020198 exon 22 (ORF 0)

ENSMUSG00000020198 exon 23 (ORF 0)



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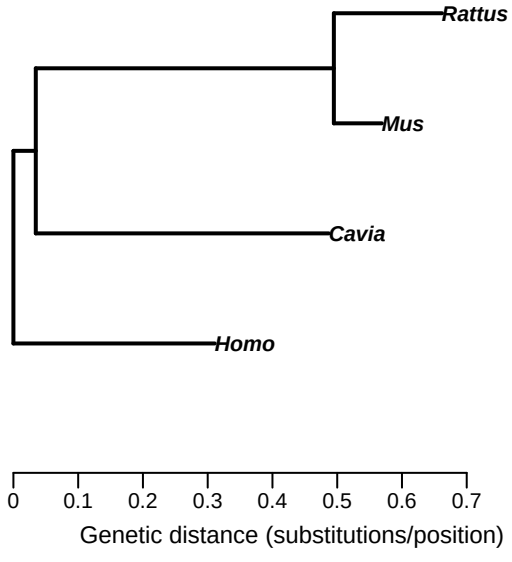
ENSMUSG00000038644 intron 18

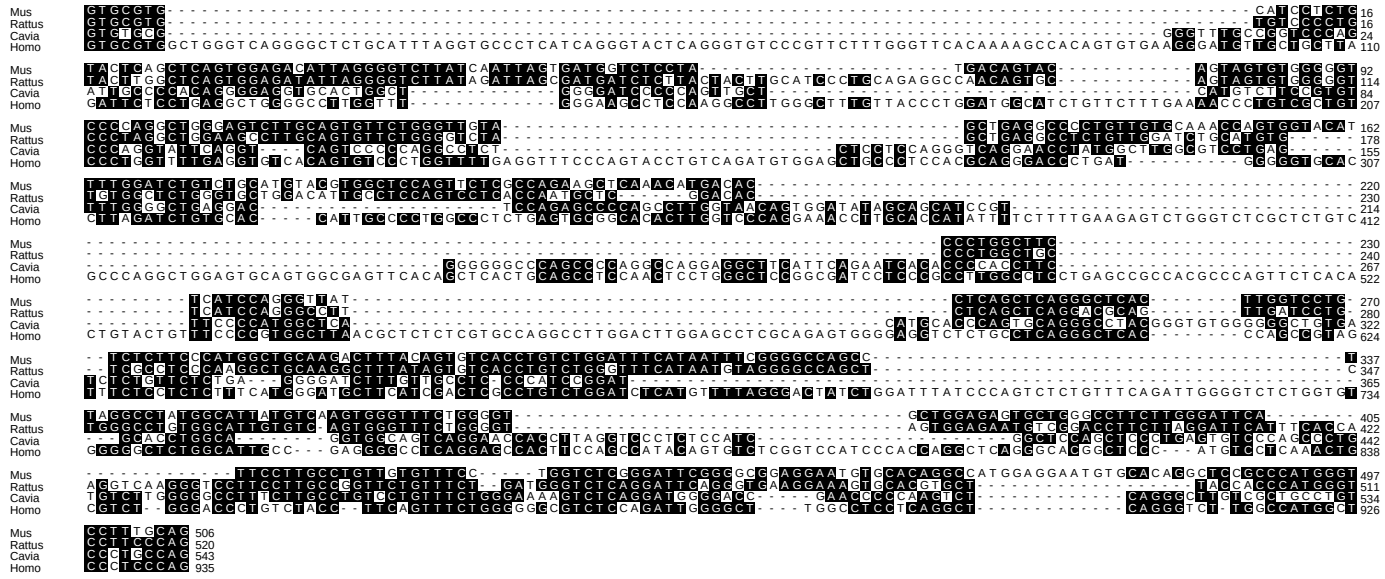
Description: DNA polymerase delta catalytic subunit (Pold1)
Intron number: 18
Mouse chromosome: 7
Upstream exon length: 138
Downstream exon length: 176
Mouse intron length: 506
Intron alignment length: 999
Total murinae branch length: 0.24106
K_score: 0.04255
Scaling factor: 0.64265

ENSMUSG00000038644 exon 18 (ORF 0)

ENSMUSG00000038644 exon 19 (ORF 0)

ENSMUSG00000038644_intron_18

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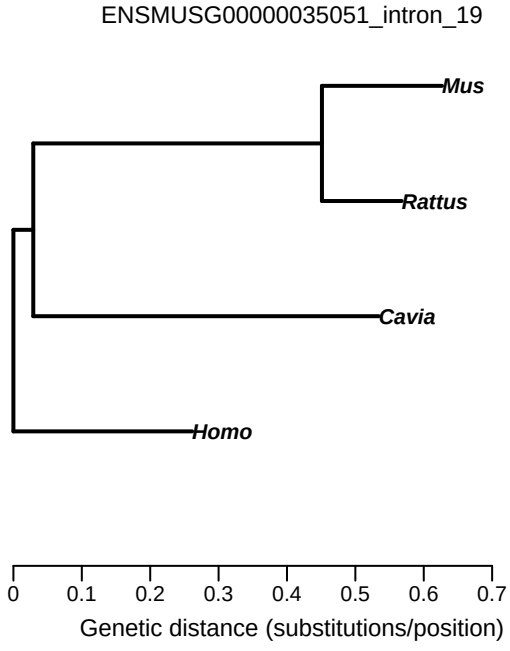
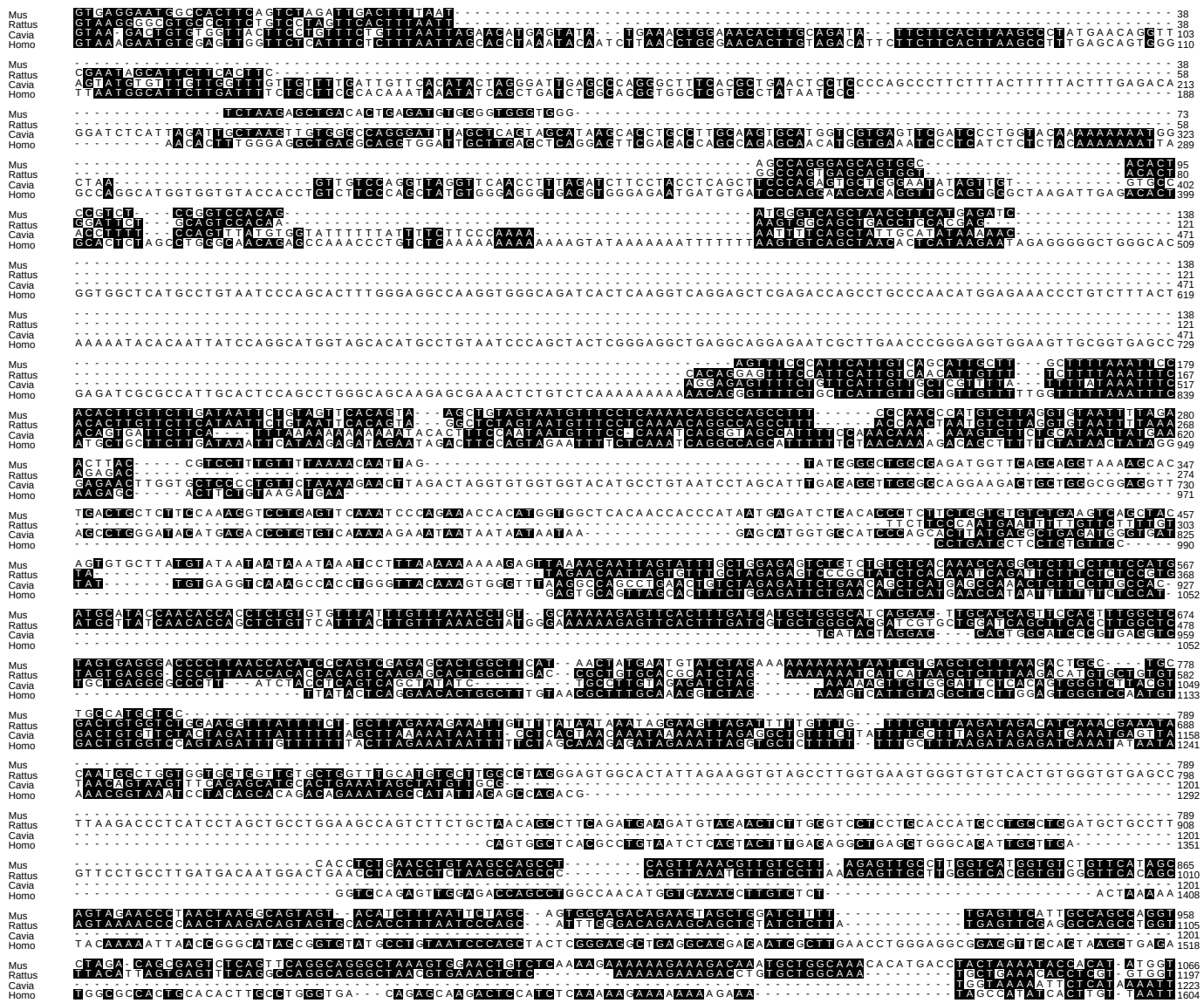
ENSMUSG00000035051 intron 19

Description: Putative ATP-dependent RNA helicase DHX57 (Dhx57)
Intron number: 19
Mouse chromosome: 17
Upstream exon length: 135
Downstream exon length: 75
Mouse intron length: 1087
Intron alignment length: 2221
Total murinae branch length: 0.29213
K_score: 0.06477
Scaling factor: 0.6434

ENSMUSG00000035051 exon 19 (ORF 0)

ENSMUSG00000035051 exon 20 (ORF 0)

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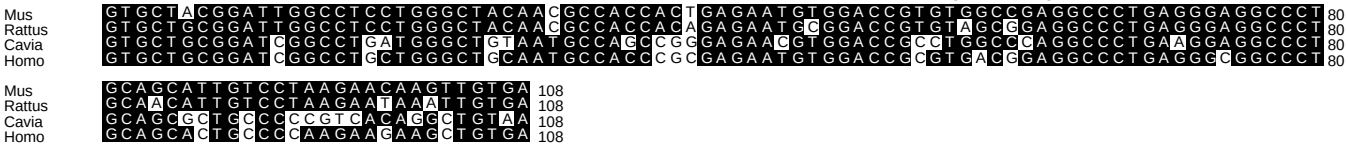
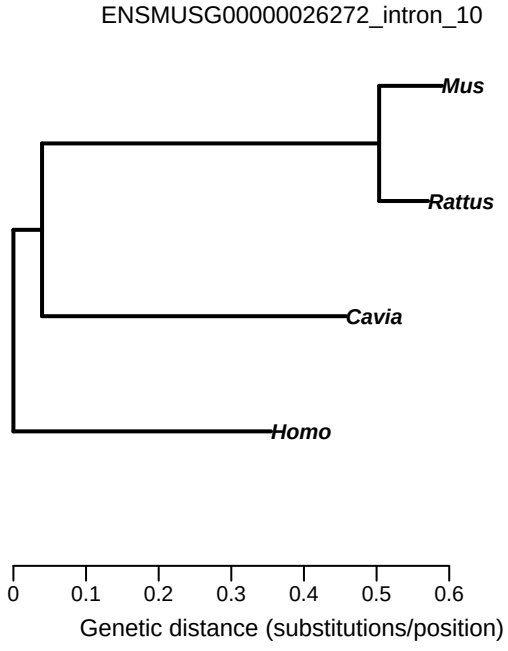
ENSMUSG00000026272 intron 10

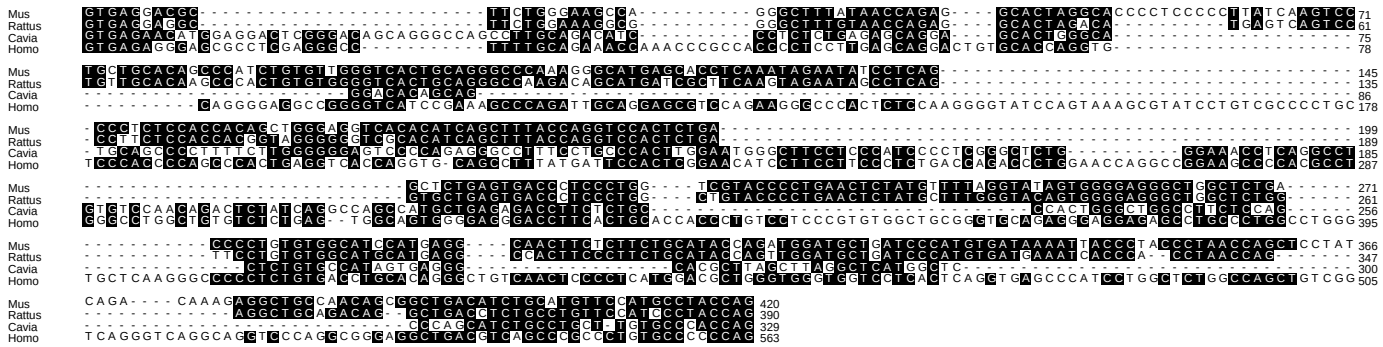
Description: Serine--pyruvate aminotransferase, mitochondrial Precursor (Agxt)
Intron number: 10
Mouse chromosome: 1
Upstream exon length: 129
Downstream exon length: 108
Mouse intron length: 420
Intron alignment length: 721
Total murinae branch length: 0.15391
K_score: 0.0732
Scaling factor: 0.64431

ENSMUSG00000026272 exon 10 (ORF 0)

ENSMUSG00000026272 exon 11 (ORF 0)



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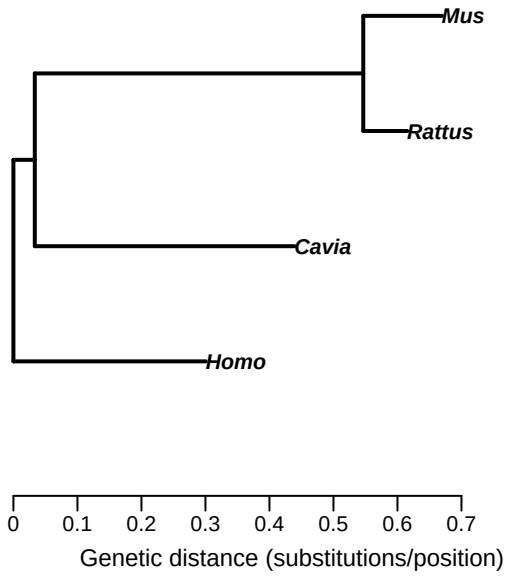
ENSMUSG00000014453 intron 4

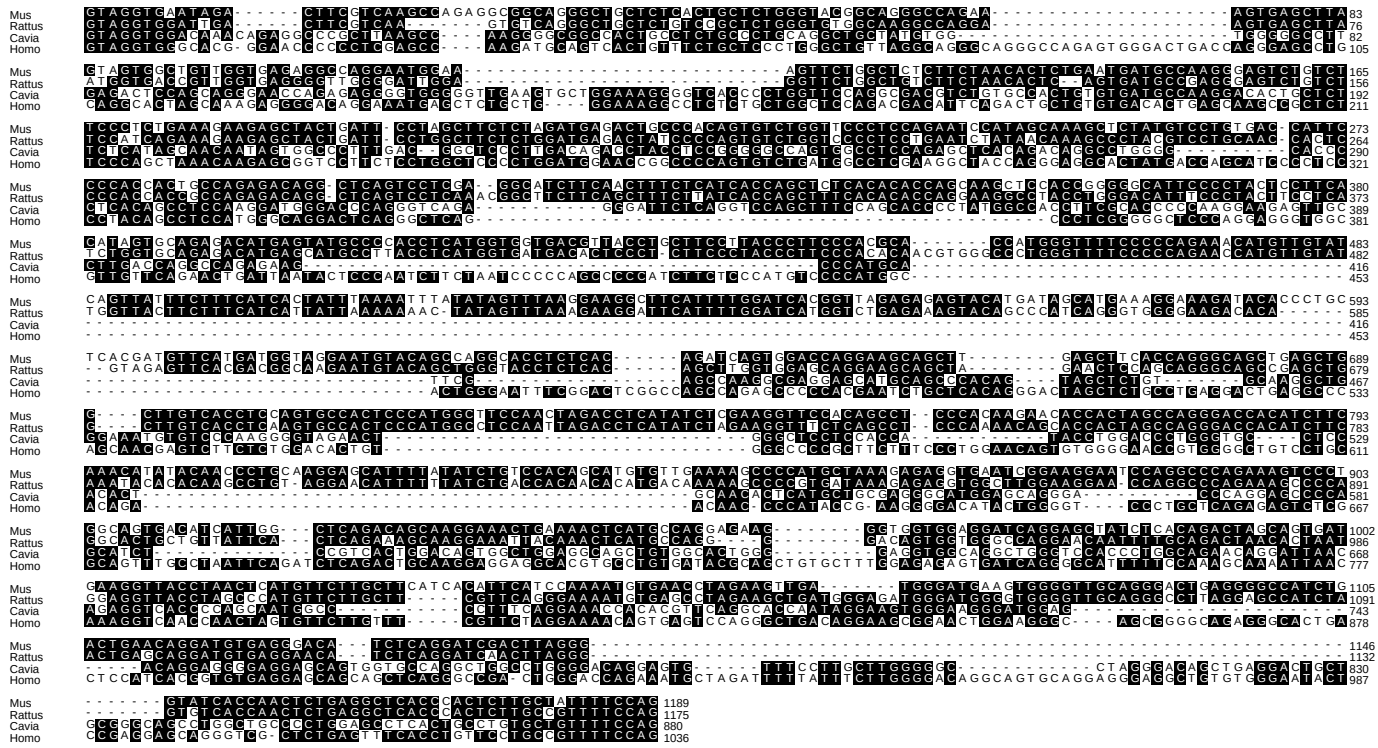
Description: Tyrosine-protein kinase BLK (Blk)
Intron number: 4
Mouse chromosome: 14
Upstream exon length: 99
Downstream exon length: 104
Mouse intron length: 1189
Intron alignment length: 1370
Total murinae branch length: 0.19167
K_score: 0.05927
Scaling factor: 0.64588

ENSMUSG00000014453 exon 4 (ORF 1)

ENSMUSG00000014453 exon 5 (ORF 1)

ENSMUSG00000014453_intron_4

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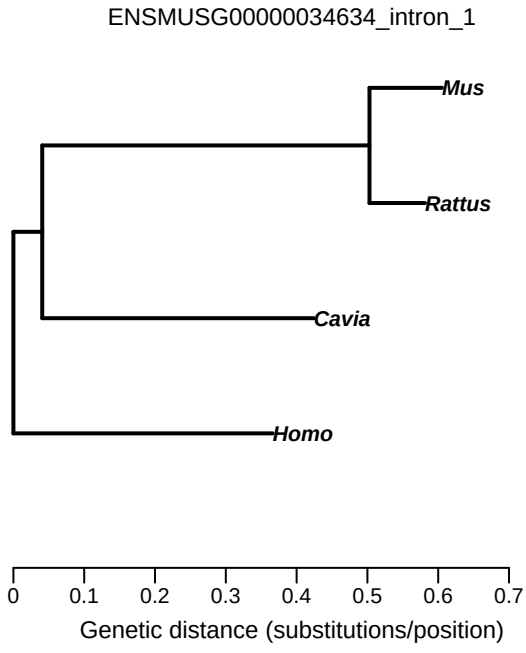
ENSMUSG00000034634 intron 1

Description: Lymphocyte antigen 6D Precursor (Ly6d)
Intron number: 1
Mouse chromosome: 15
Upstream exon length: 52
Downstream exon length: 99
Mouse intron length: 659
Intron alignment length: 882
Total murinae branch length: 0.18082
K_score: 0.08033
Scaling factor: 0.65137

ENSMUSG00000034634 exon 1 (ORF 0)

ENSMUSG00000034634 exon 2 (ORF 2)

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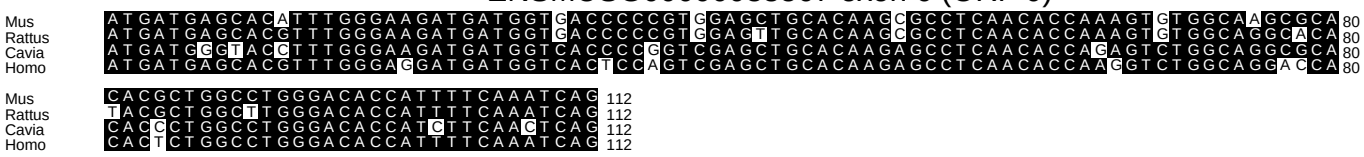
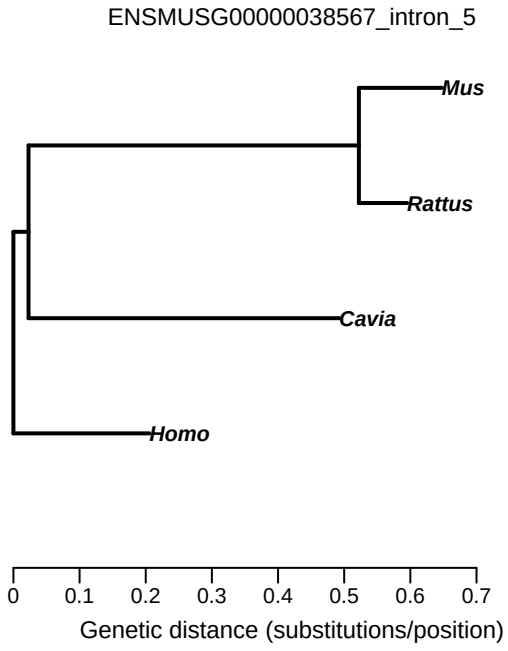
ENSMUSG00000038567 intron 5

Description: 1,25-dihydroxyvitamin D (Cyp24a1)
Intron number: 5
Mouse chromosome: 2
Upstream exon length: 92
Downstream exon length: 112
Mouse intron length: 933
Intron alignment length: 1460
Total murinae branch length: 0.19854
K_score: 0.07871
Scaling factor: 0.65165

ENSMUSG00000038567 exon 5 (ORF 2)

ENSMUSG00000038567 exon 6 (ORF 0)



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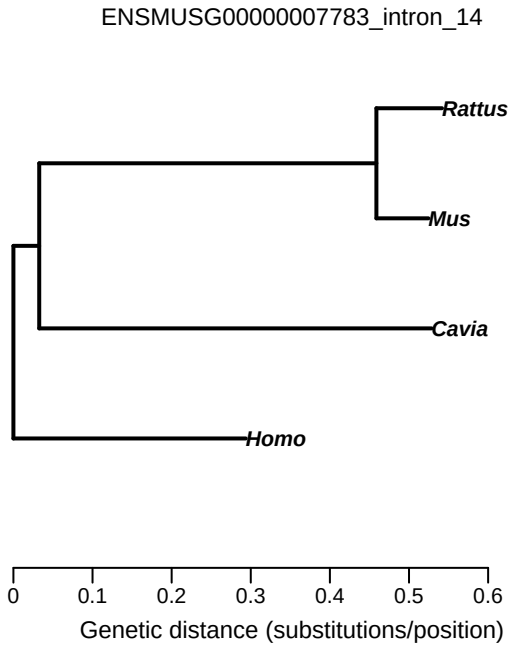
ENSMUSG00000007783 intron 14

Description: Carnitine O-palmitoyltransferase 1, brain isoform (Cpt1c)
Intron number: 14
Mouse chromosome: 7
Upstream exon length: 132
Downstream exon length: 153
Mouse intron length: 608
Intron alignment length: 970
Total murinae branch length: 0.14865
K_score: 0.07037
Scaling factor: 0.65235

ENSMUSG00000007783 exon 14 (ORF 0)

ENSMUSG00000007783 exon 15 (ORF 0)

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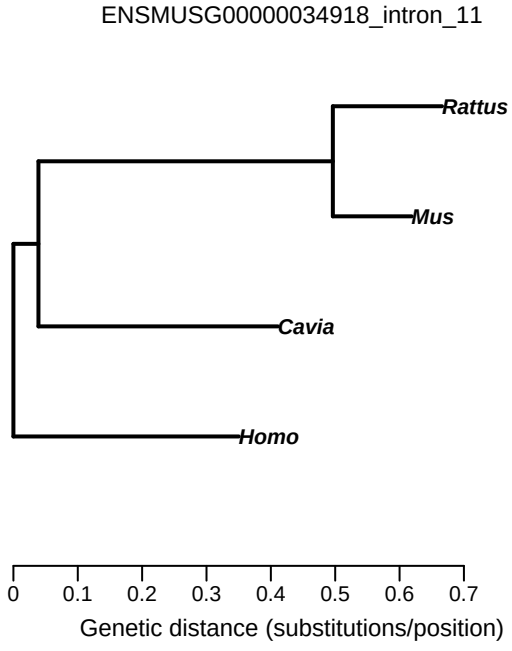
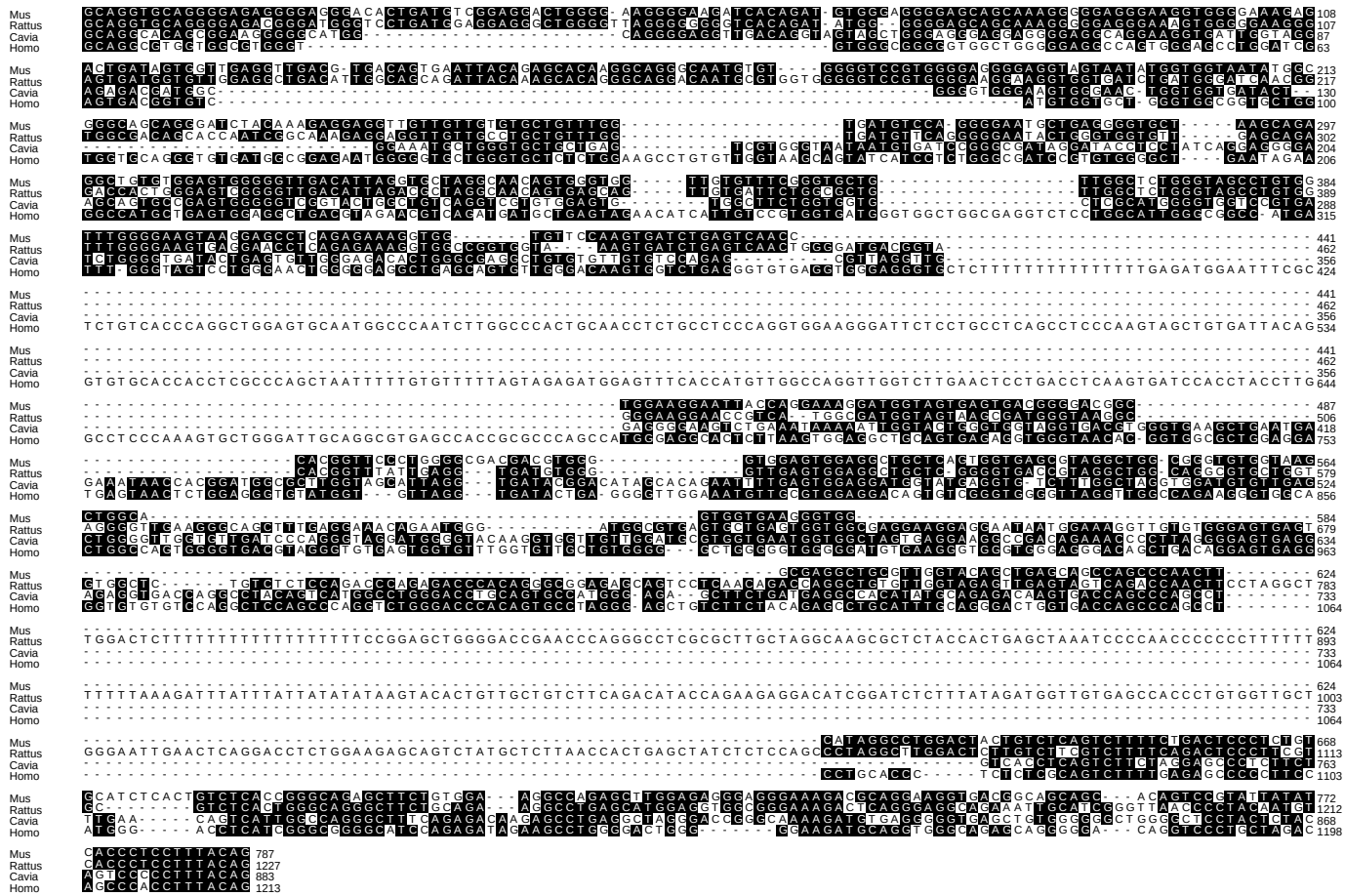
ENSMUSG00000034918 intron 11

Description: protocadherin 24 (Cdhr2)
Intron number: 11
Mouse chromosome: 13
Upstream exon length: 234
Downstream exon length: 156
Mouse intron length: 787
Intron alignment length: 1665
Total murinae branch length: 0.29201
K_score: 0.06777
Scaling factor: 0.65423

ENSMUSG00000034918 exon 11 (ORF 0)

ENSMUSG00000034918 exon 12 (ORF 0)

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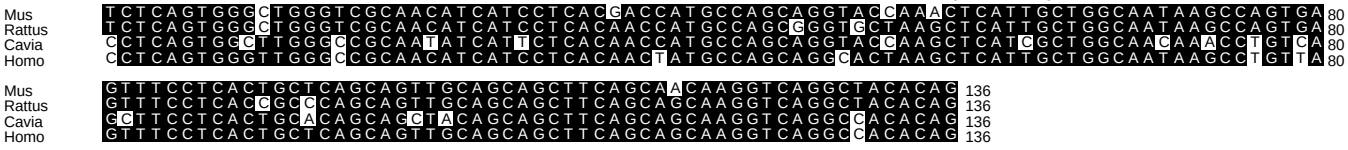
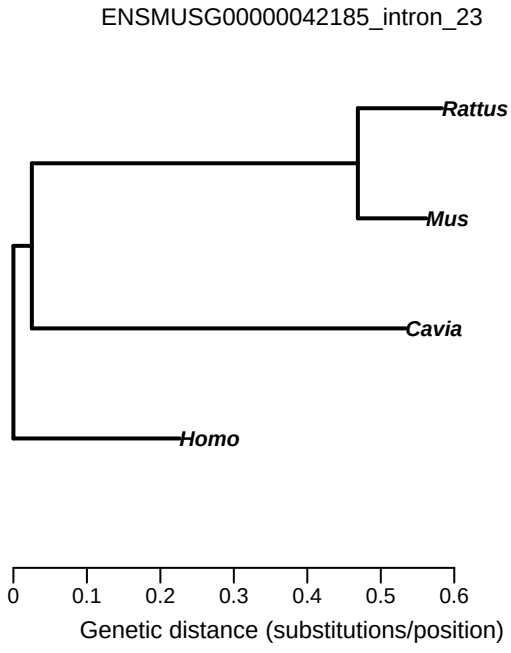
ENSMUSG00000042185 intron 23

Description: Nuclear factor related to kappa-B-binding protein (Nfrkb)
Intron number: 23
Mouse chromosome: 9
Upstream exon length: 107
Downstream exon length: 136
Mouse intron length: 731
Intron alignment length: 1075
Total murinae branch length: 0.20758
K_score: 0.07054
Scaling factor: 0.6551

ENSMUSG00000042185 exon 23 (ORF 0)

ENSMUSG00000042185 exon 24 (ORF 1)



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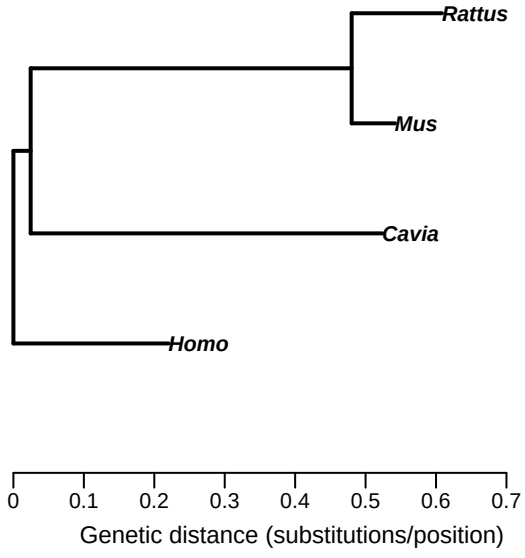
ENSMUSG00000030352 intron 4

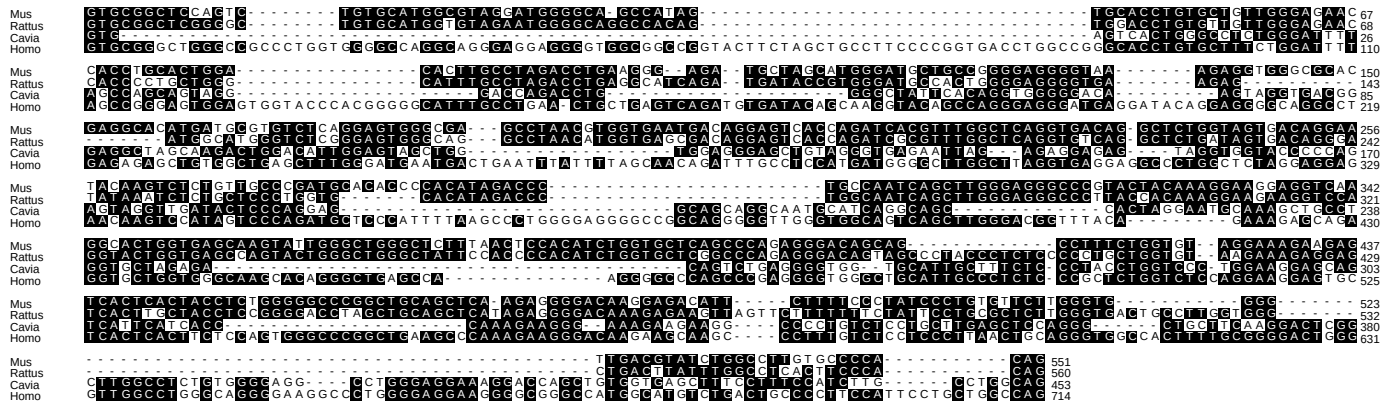
Description: Tetraspanin-9 (Tspan9)
Intron number: 4
Mouse chromosome: 6
Upstream exon length: 102
Downstream exon length: 132
Mouse intron length: 551
Intron alignment length: 743
Total murinae branch length: 0.18979
K_score: 0.07622
Scaling factor: 0.65599

ENSMUSG00000030352 exon 4 (ORF 0)

ENSMUSG00000030352 exon 5 (ORF 0)

ENSMUSG00000030352_intron_4

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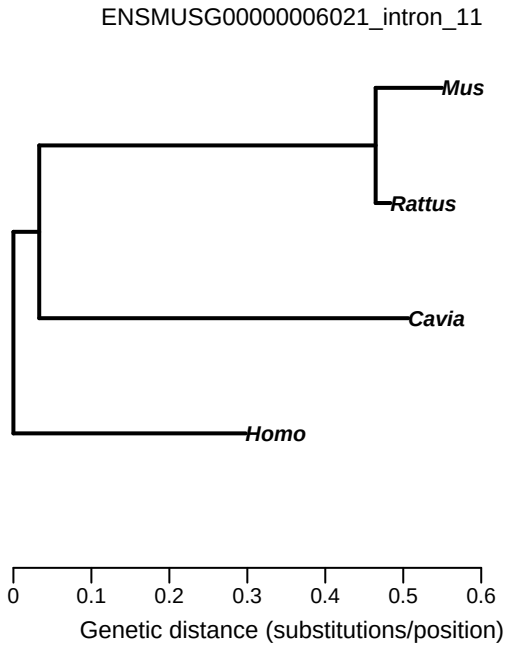
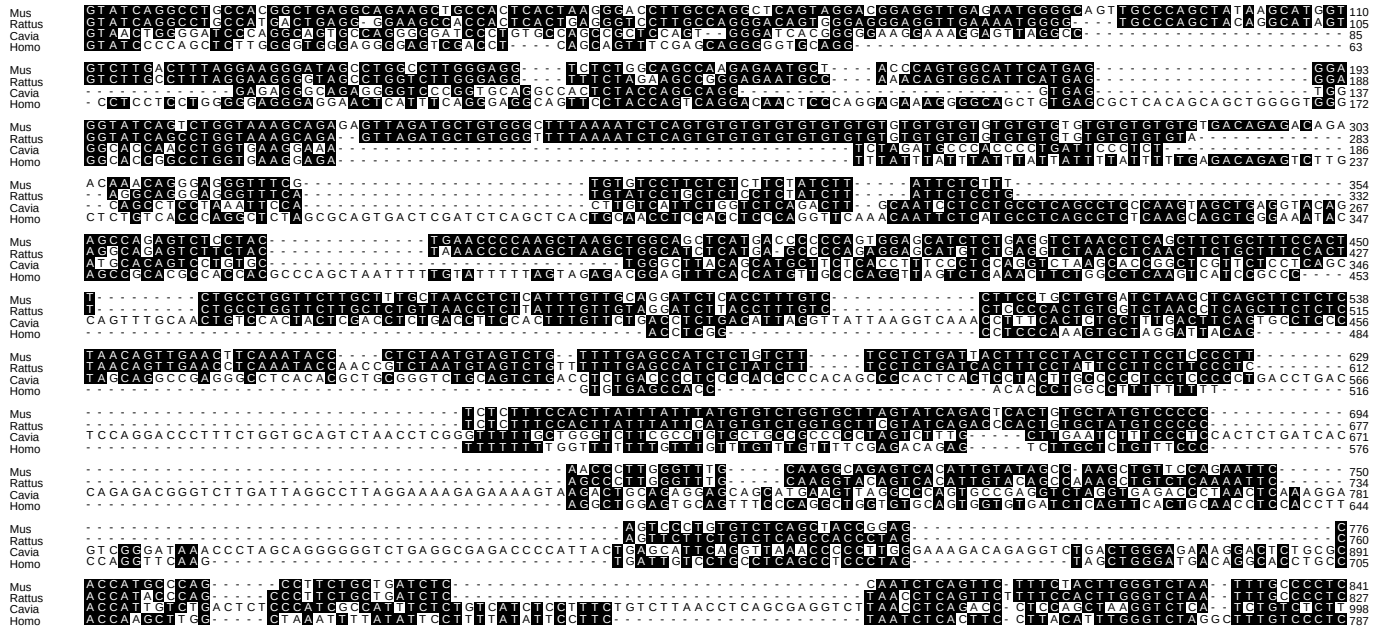
ENSMUSG00000006021 intron 11

Description: Kaptin (Kptn)
Intron number: 11
Mouse chromosome: 7
Upstream exon length: 171
Downstream exon length: 126
Mouse intron length: 1010
Intron alignment length: 1087
Total murinae branch length: 0.10397
K_score: 0.08895
Scaling factor: 0.65898

ENSMUSG00000006021 exon 11 (ORF 0)

ENSMUSG00000006021 exon 12 (ORF 0)

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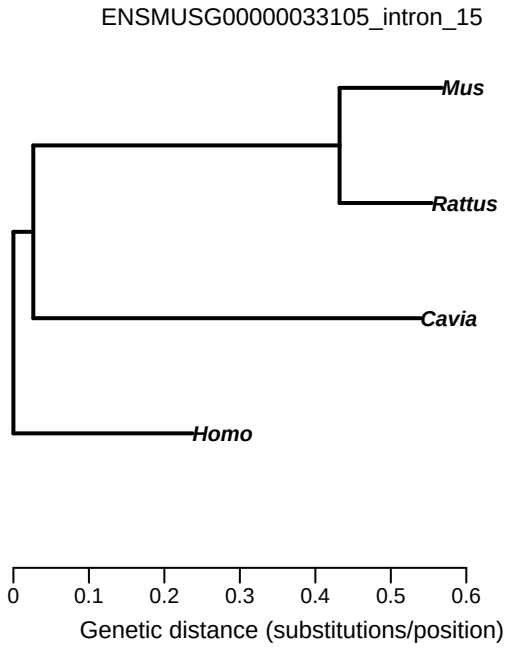
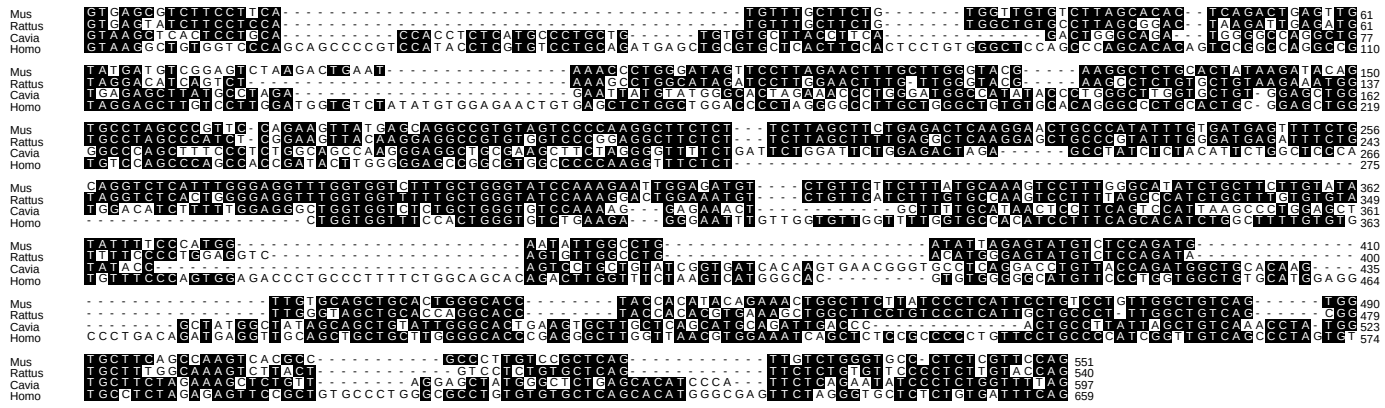
ENSMUSG00000033105 intron 15

Description: Lanosterol synthase (Lss)
Intron number: 15
Mouse chromosome: 10
Upstream exon length: 150
Downstream exon length: 97
Mouse intron length: 551
Intron alignment length: 437
Total murinae branch length: 0.25776
K_score: 0.07351
Scaling factor: 0.66046

ENSMUSG00000033105 exon 15 (ORF 0)

ENSMUSG00000033105 exon 16 (ORF 0)




Mus
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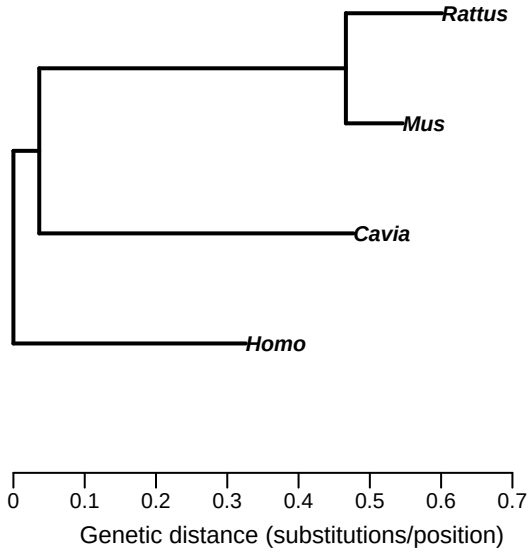
ENSMUSG00000003549 intron 6

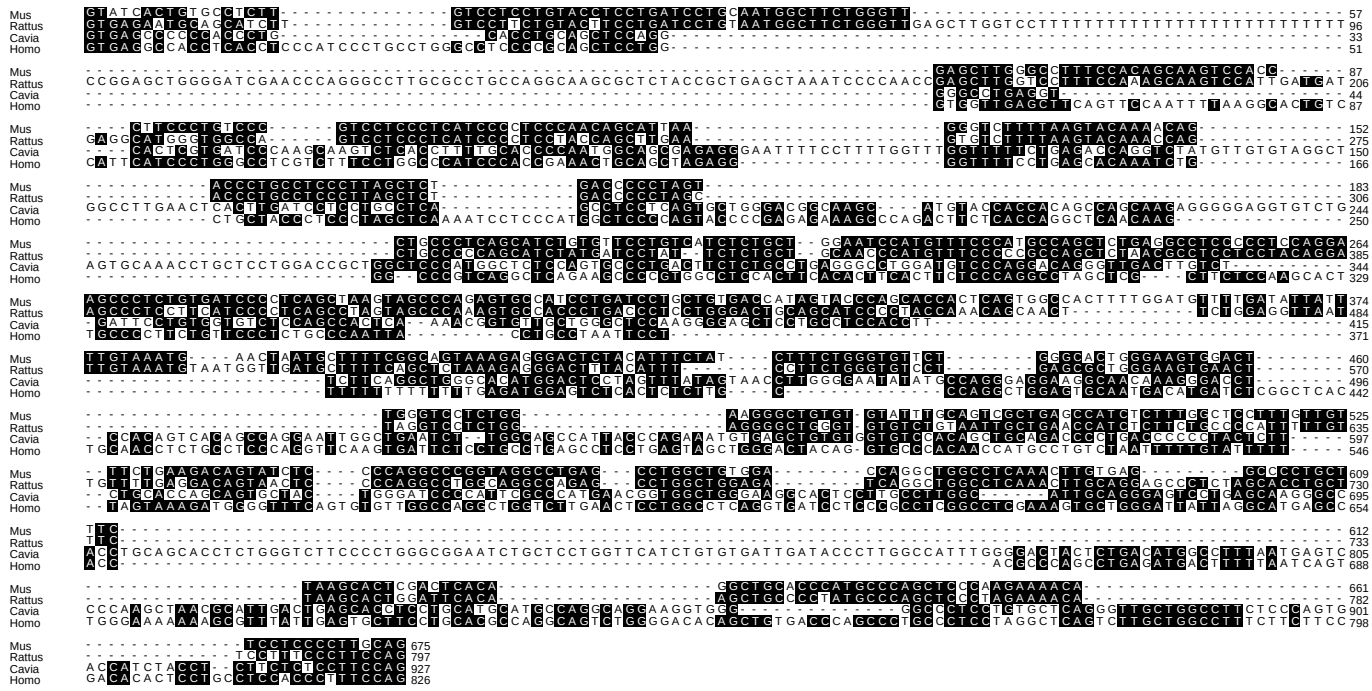
Description: DNA excision repair protein ERCC-1 (Ercc1)
Intron number: 6
Mouse chromosome: 7
Upstream exon length: 100
Downstream exon length: 72
Mouse intron length: 675
Intron alignment length: 1238
Total murinae branch length: 0.21467
K_score: 0.04806
Scaling factor: 0.66201

ENSMUSG00000003549 exon 6 (ORF 1)

ENSMUSG00000003549 exon 7 (ORF 0)

ENSMUSG00000003549_intron_6




Mus
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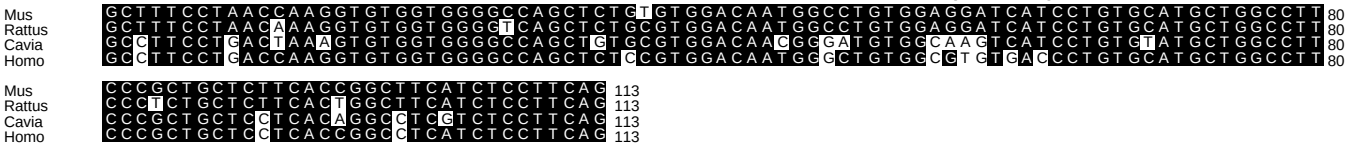
Homo

ENSMUSG00000009292 intron 14

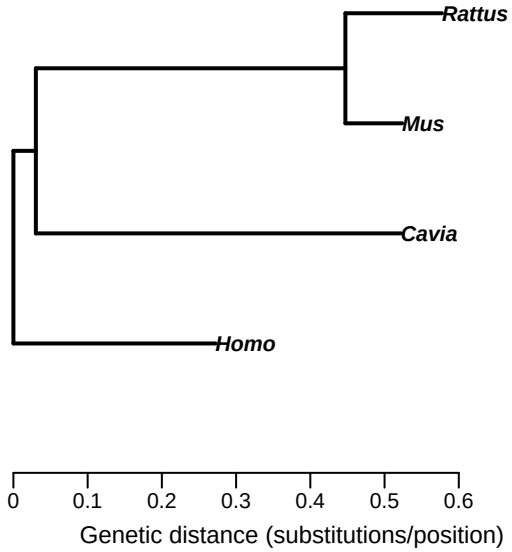
Description: Transient receptor potential cation channel subfamily M memb (Trpm2)
Intron number: 14
Mouse chromosome: 10
Upstream exon length: 146
Downstream exon length: 113
Mouse intron length: 994
Intron alignment length: 1141
Total murinae branch length: 0.20666
K_score: 0.05854
Scaling factor: 0.66372

ENSMUSG00000009292 exon 14 (ORF 2)

ENSMUSG00000009292 exon 15 (ORF 0)



ENSMUSG00000009292_intron_14

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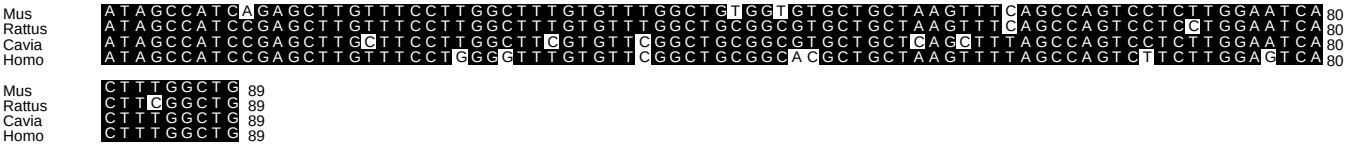
ENSMUSG00000039662 intron 1

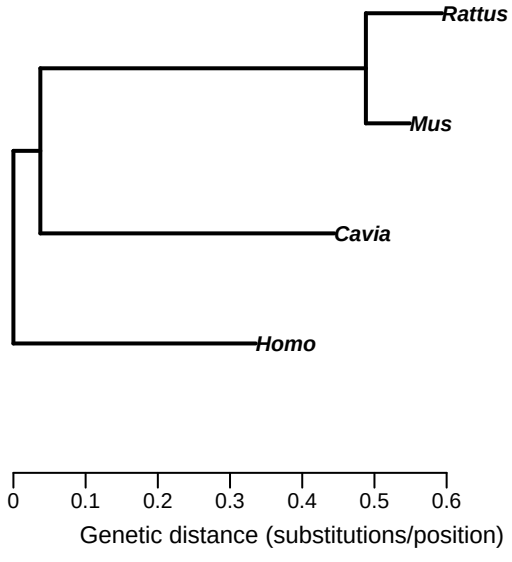
Description: Protein-S-isoprenylcysteine O-methyltransferase (Icmt)
Intron number: 1
Mouse chromosome: 4
Upstream exon length: 195
Downstream exon length: 89
Mouse intron length: 1116
Intron alignment length: 1263
Total murinae branch length: 0.16615
K_score: 0.0639
Scaling factor: 0.66729

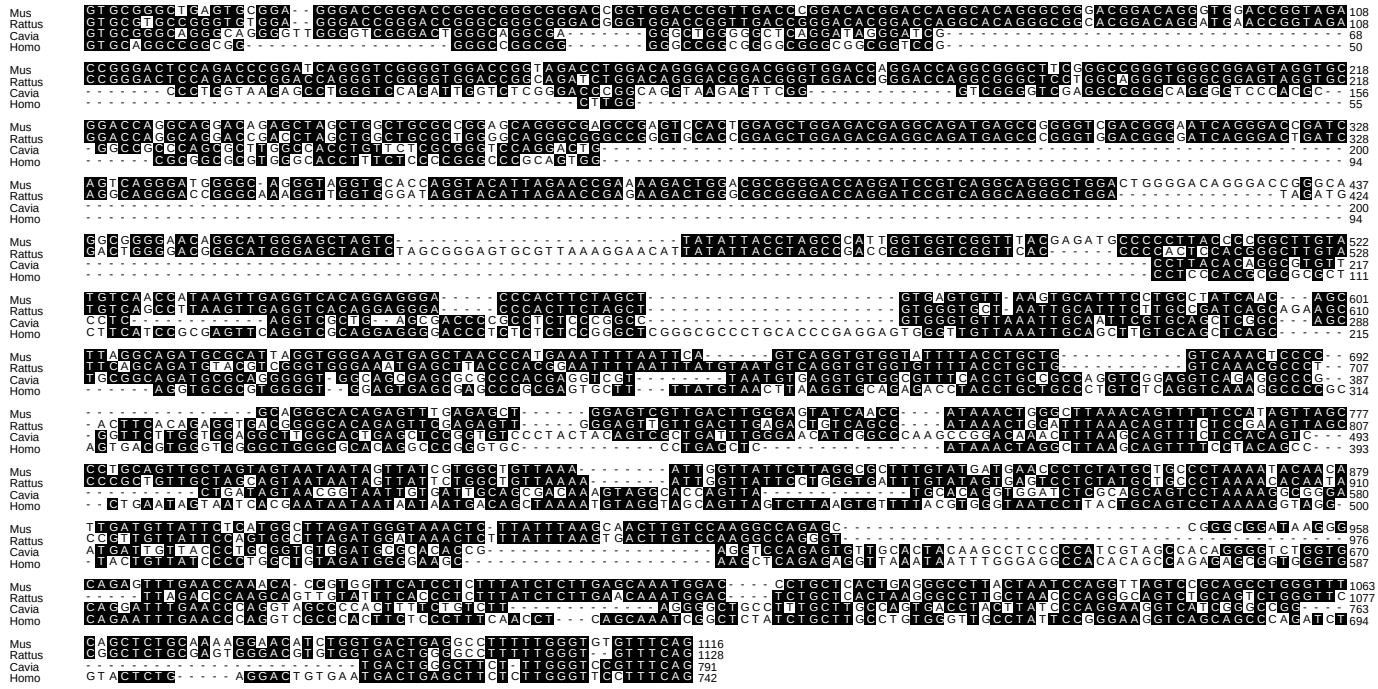
ENSMUSG00000039662 exon 1 (ORF 0)

ENSMUSG00000039662 exon 2 (ORF 0)



ENSMUSG00000039662_intron_1

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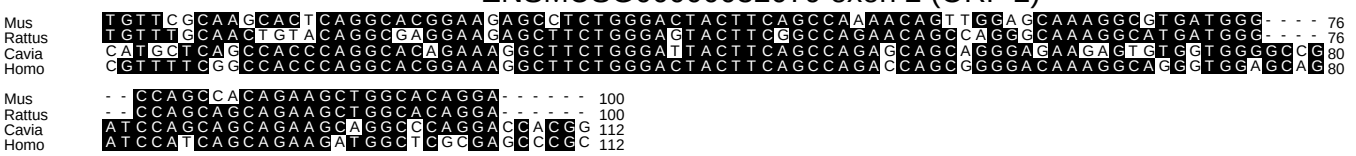
Homo

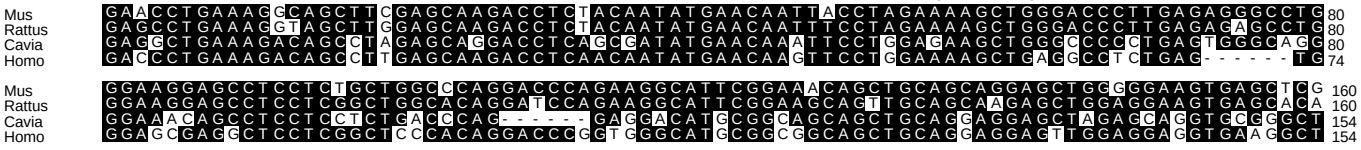
ENSMUSG00000032079 intron 2

Description: Apolipoprotein A-V Precursor (Apoa5)
Intron number: 2
Mouse chromosome: 9
Upstream exon length: 100
Downstream exon length: 967
Mouse intron length: 442
Intron alignment length: 564
Total murinae branch length: 0.23879
K_score: 0.05467
Scaling factor: 0.66747

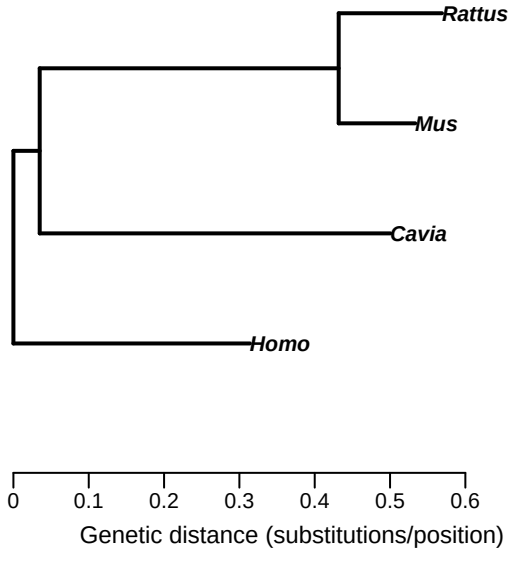
ENSMUSG00000032079 exon 2 (ORF 2)

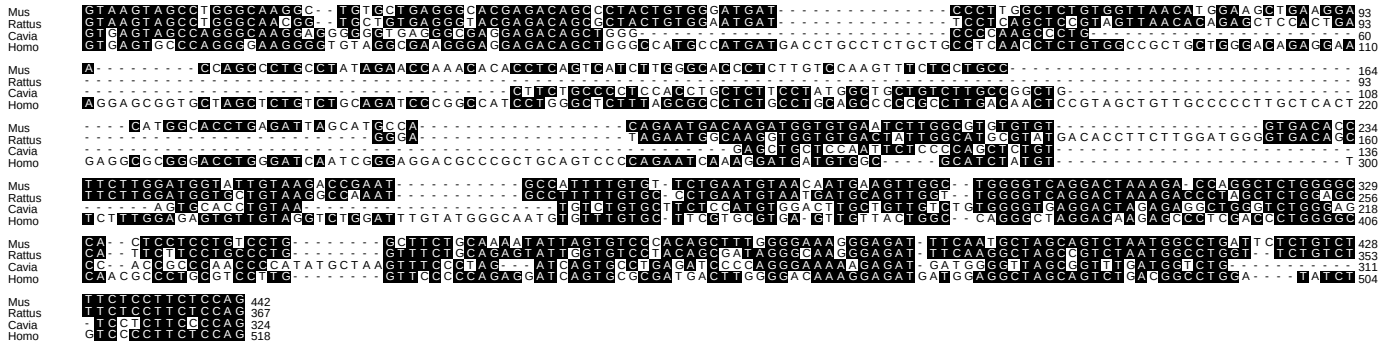


ENSMUSG00000032079 exon 3 (ORF 1)



ENSMUSG00000032079_intron_2

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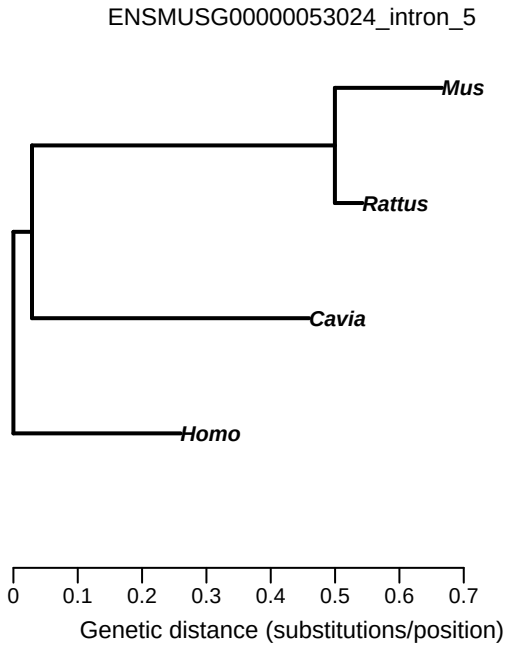
ENSMUSG00000053024 intron 5

Description: Contactin-2 Precursor (Cntn2)
Intron number: 5
Mouse chromosome: 1
Upstream exon length: 210
Downstream exon length: 100
Mouse intron length: 281
Intron alignment length: 338
Total murinae branch length: 0.20933
K_score: 0.07051
Scaling factor: 0.66776

ENSMUSG00000053024 exon 5 (ORF 2)

ENSMUSG00000053024 exon 6 (ORF 2)

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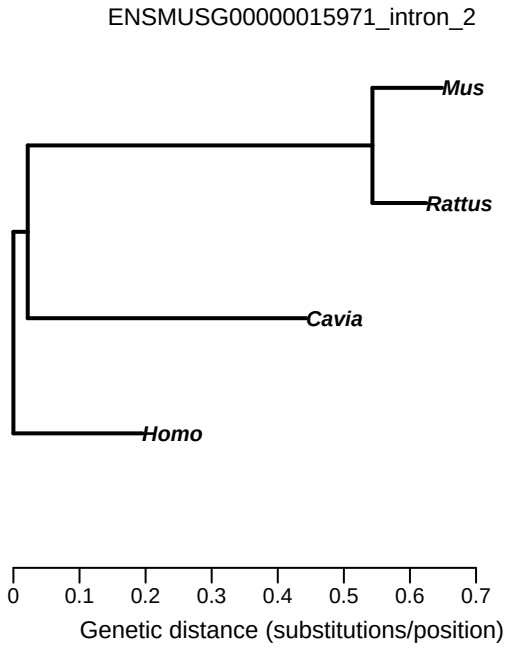
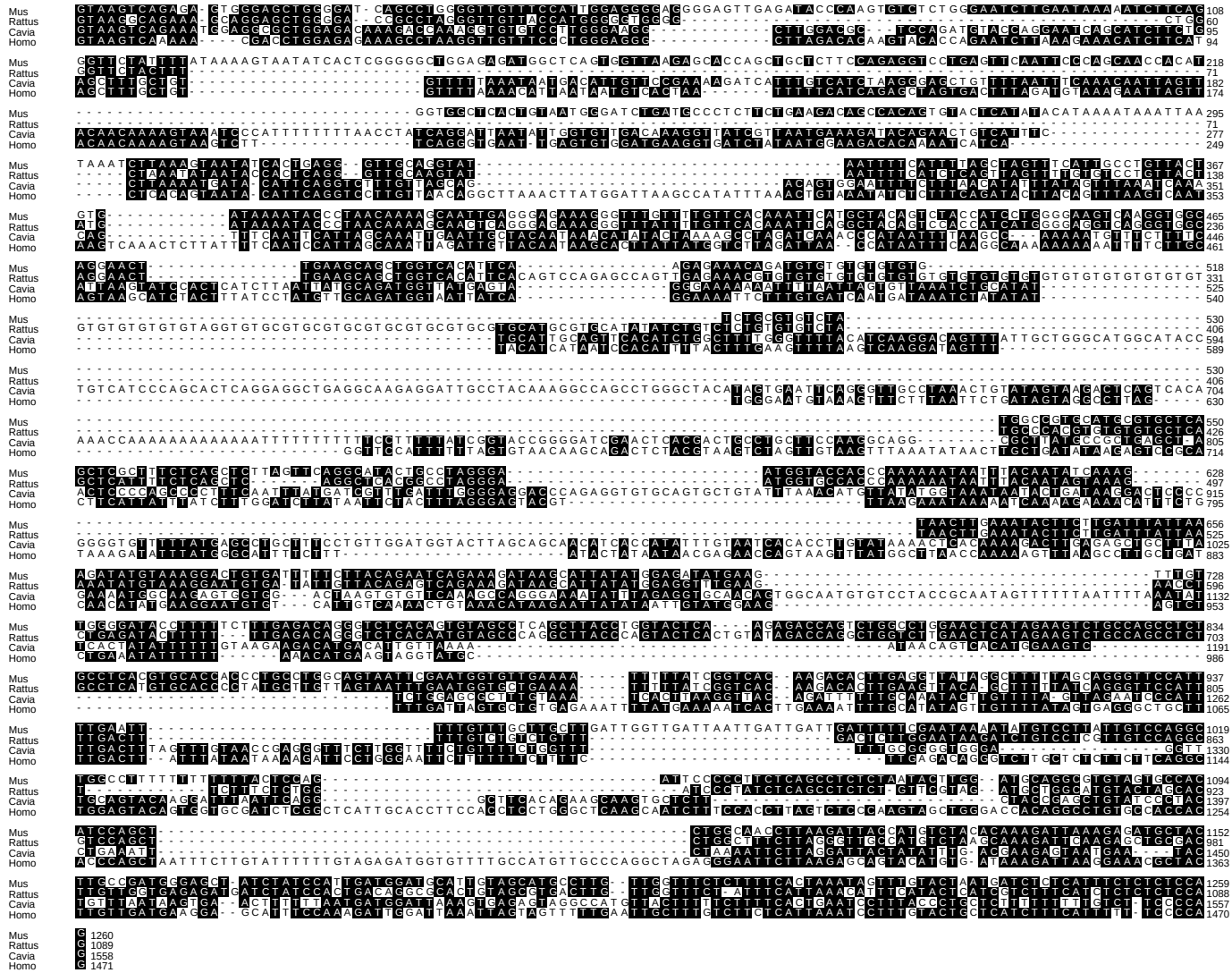
ENSMUSG00000015971 intron 2

Description: Actin-related protein 8 (Actr8)
Intron number: 2
Mouse chromosome: 14
Upstream exon length: 171
Downstream exon length: 111
Mouse intron length: 1260
Intron alignment length: 1772
Total murinae branch length: 0.18658
K_score: 0.08644
Scaling factor: 0.66793

ENSMUSG00000015971 exon 2 (ORF 0)

ENSMUSG00000015971 exon 3 (ORF 0)

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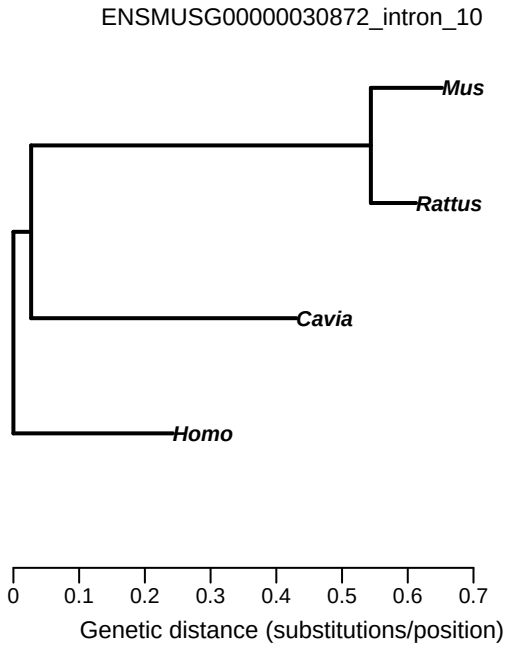
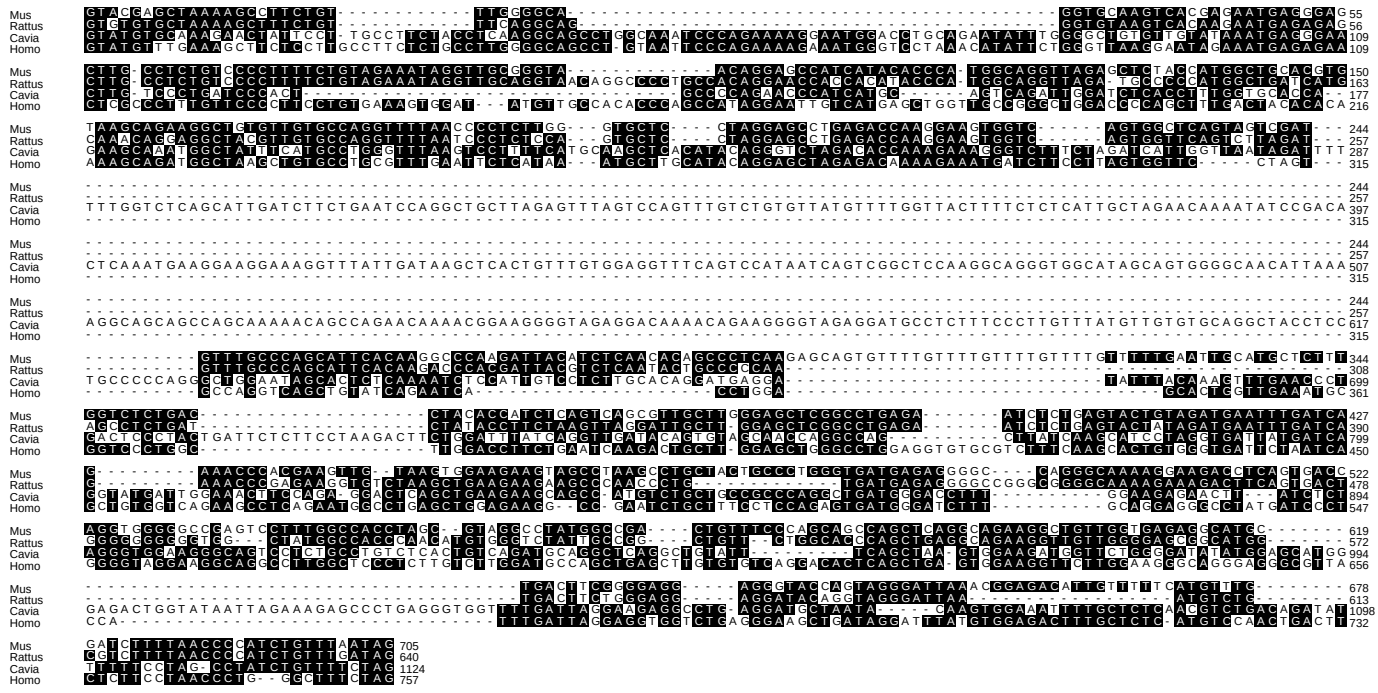
ENSMUSG00000030872 intron 10

Description: ADP-ribosylation factor-binding protein GGA2 (Gga2)
Intron number: 10
Mouse chromosome: 7
Upstream exon length: 126
Downstream exon length: 90
Mouse intron length: 705
Intron alignment length: 1237
Total murinae branch length: 0.17685
K_score: 0.06964
Scaling factor: 0.66861

ENSMUSG00000030872 exon 10 (ORF 2)

ENSMUSG00000030872 exon 11 (ORF 2)

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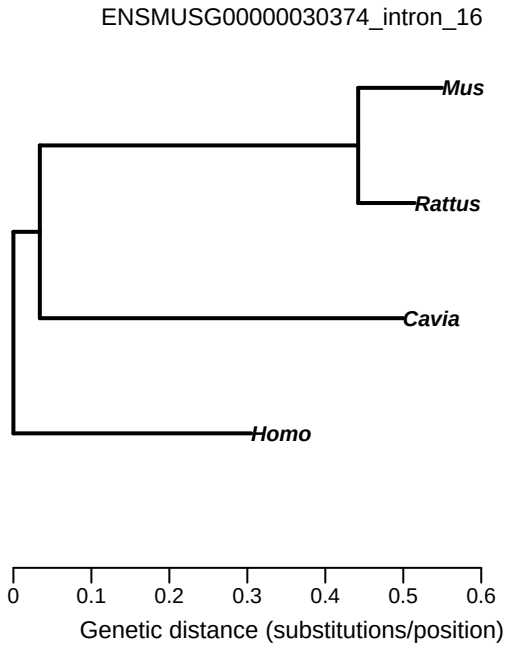
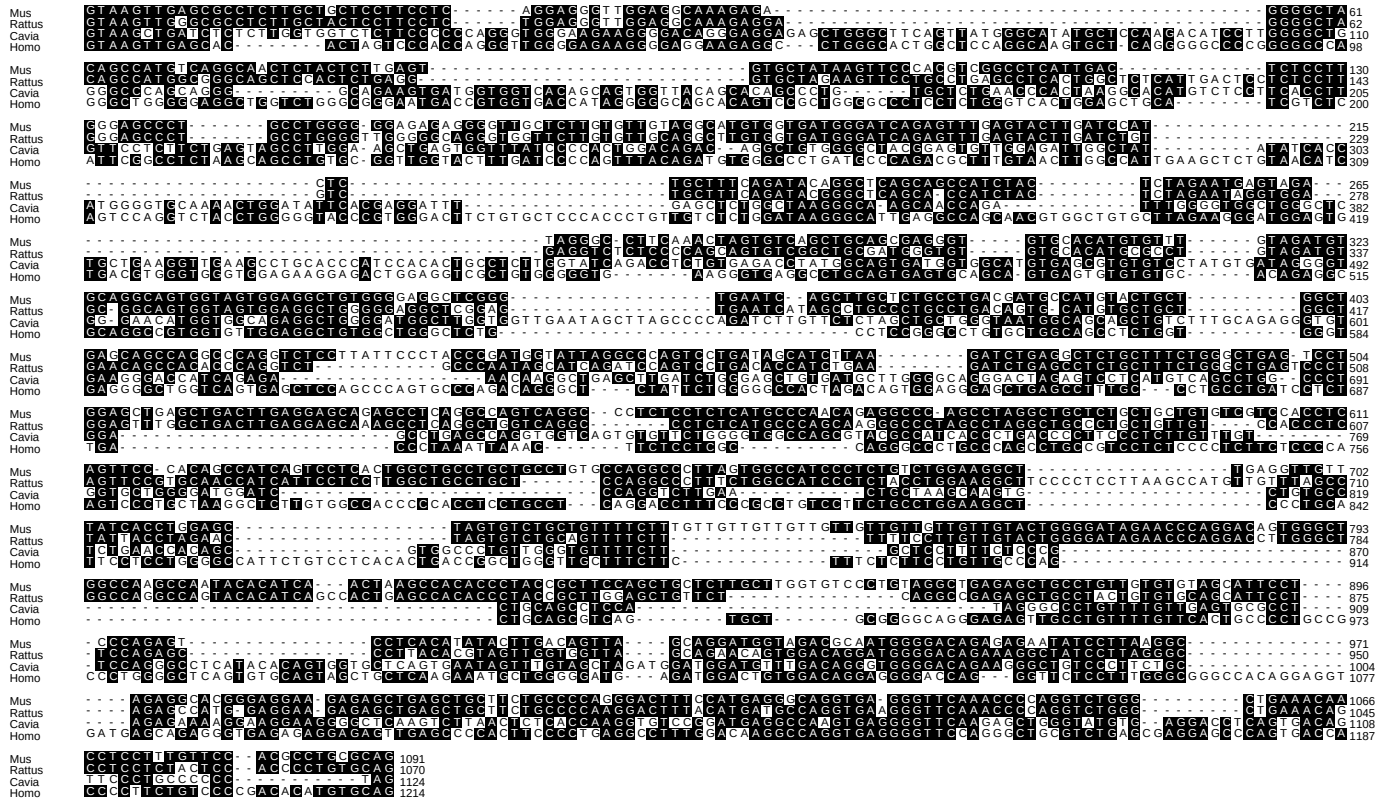
ENSMUSG00000030374 intron 16

Description: Striatin-4 (Strn4)
Intron number: 16
Mouse chromosome: 7
Upstream exon length: 87
Downstream exon length: 170
Mouse intron length: 1091
Intron alignment length: 1532
Total murinae branch length: 0.17999
K_score: 0.06173
Scaling factor: 0.67261

ENSMUSG00000030374 exon 16 (ORF 2)

ENSMUSG00000030374 exon 17 (ORF 2)

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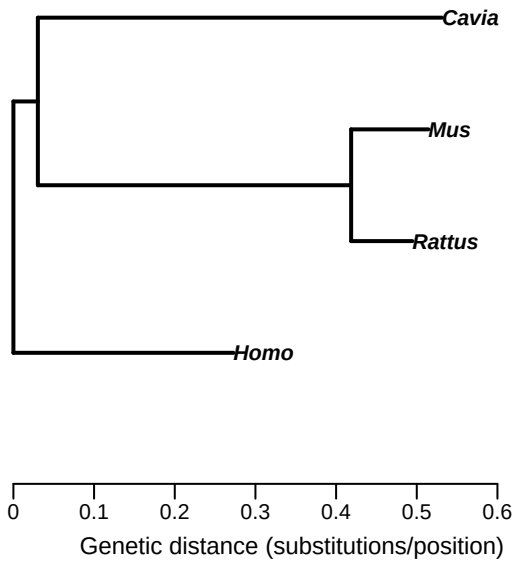
ENSMUSG00000027340 intron 14

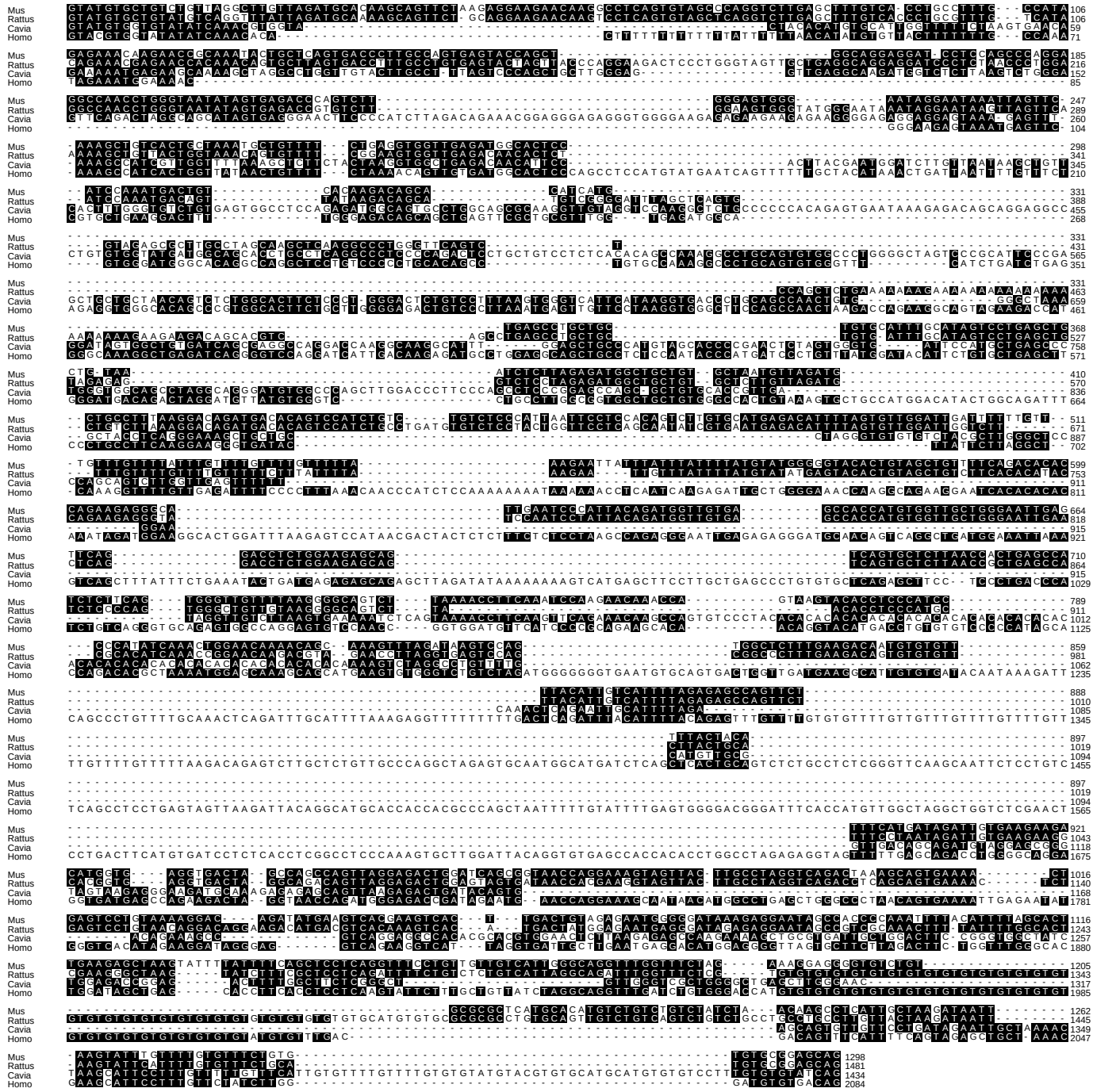
Description: Solute carrier family 23 member 2 (Slc23a2)
Intron number: 14
Mouse chromosome: 2
Upstream exon length: 96
Downstream exon length: 233
Mouse intron length: 1298
Intron alignment length: 2615
Total murinae branch length: 0.17163
K_score: 0.07946
Scaling factor: 0.67333

ENSMUSG00000027340 exon 14 (ORF 2)

ENSMUSG00000027340 exon 15 (ORF 2)

ENSMUSG00000027340_intron_14

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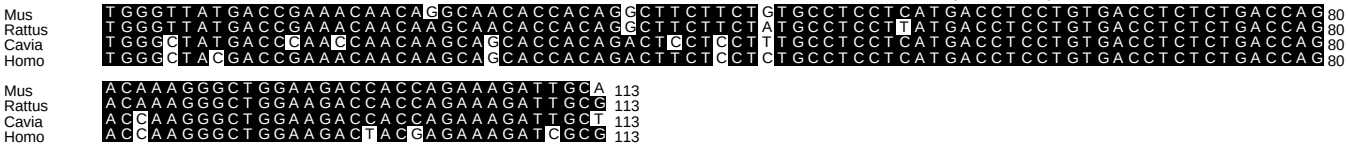
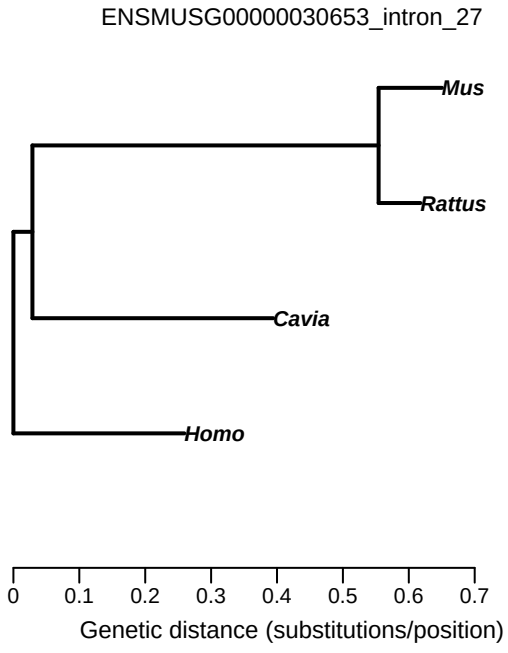
ENSMUSG00000030653 intron 27

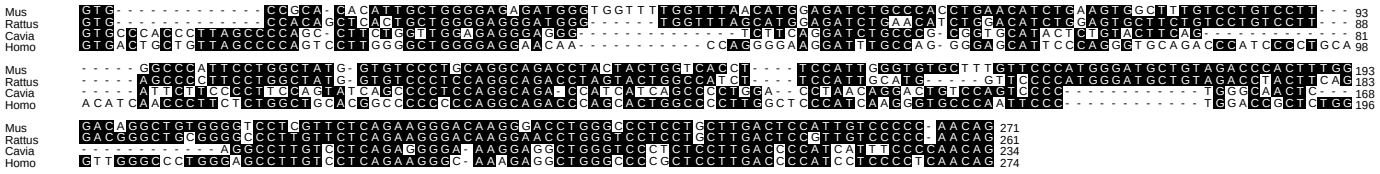
Description: cGMP-dependent 3',5'-cyclic phosphodiesterase (Pde2a)
Intron number: 27
Mouse chromosome: 7
Upstream exon length: 100
Downstream exon length: 113
Mouse intron length: 271
Intron alignment length: 299
Total murinae branch length: 0.15961
K_score: 0.08321
Scaling factor: 0.67428

ENSMUSG00000030653 exon 27 (ORF 0)

ENSMUSG00000030653 exon 28 (ORF 2)



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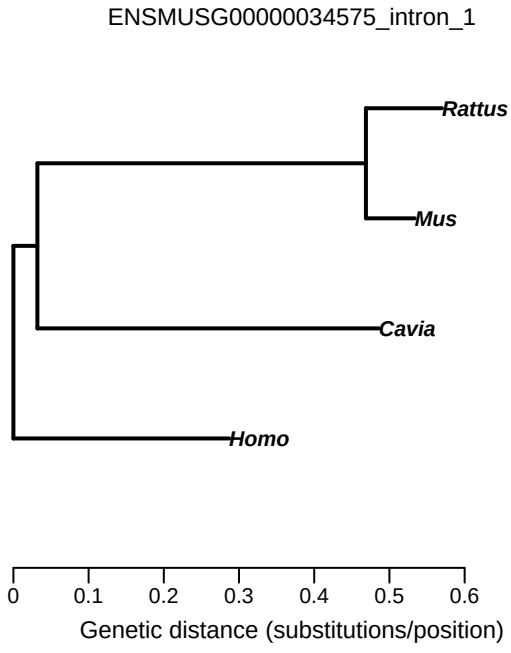
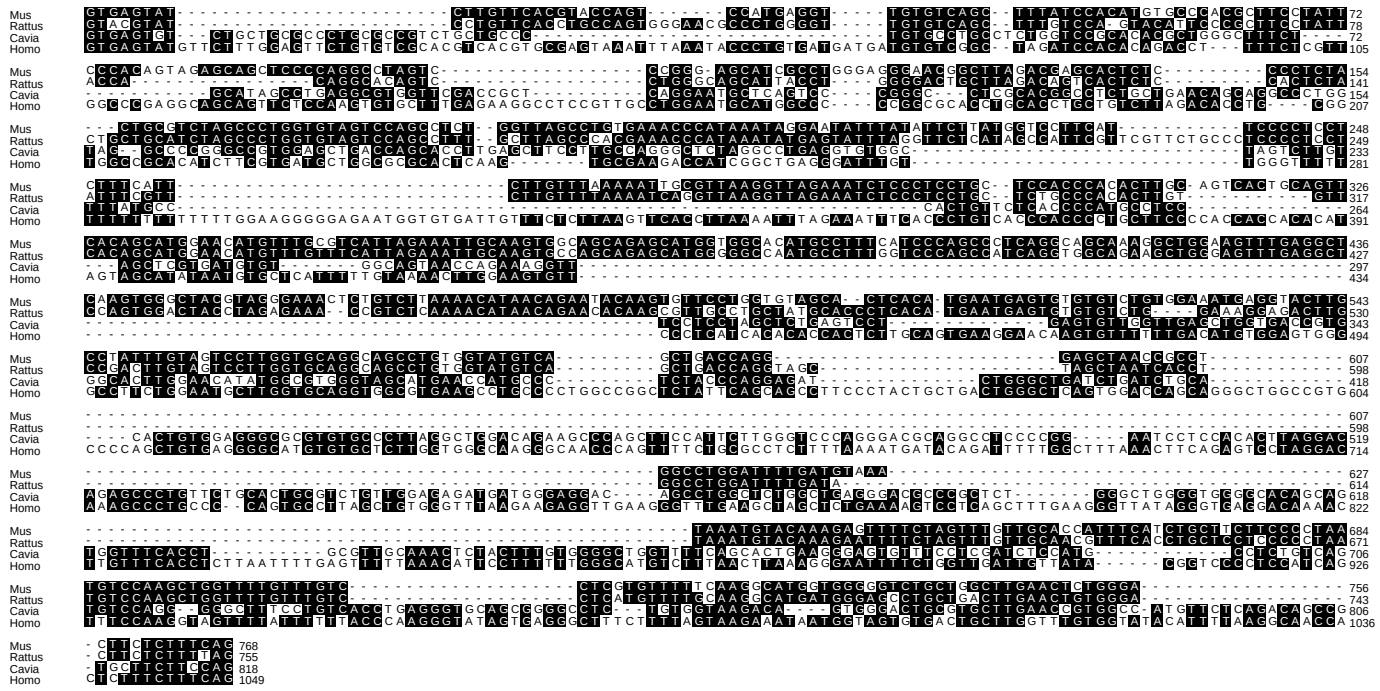
ENSMUSG00000034575 intron 1

Description: DNA polymerase sigma (Papd7)
Intron number: 1
Mouse chromosome: 13
Upstream exon length: 90
Downstream exon length: 47
Mouse intron length: 768
Intron alignment length: 1223
Total murinae branch length: 0.16595
K_score: 0.05011
Scaling factor: 0.67578

ENSMUSG00000034575 exon 1 (ORF 0)

ENSMUSG00000034575 exon 2 (ORF 0)

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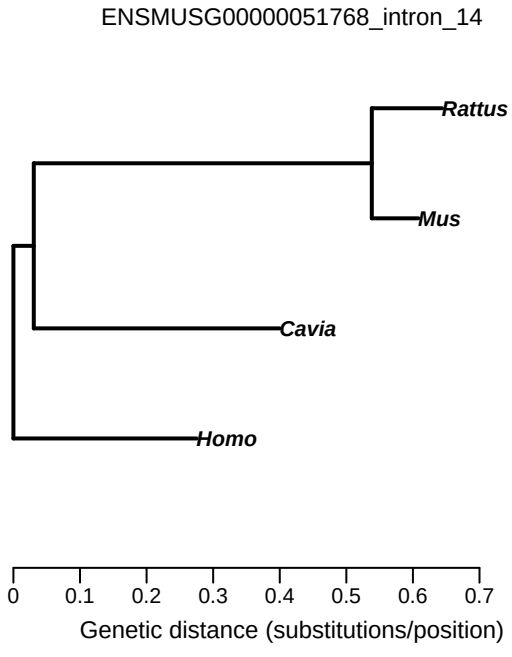
ENSMUSG00000051768 intron 14

Description: DNA repair protein XRCC1 (Xrcc1)
Intron number: 14
Mouse chromosome: 7
Upstream exon length: 137
Downstream exon length: 91
Mouse intron length: 1057
Intron alignment length: 2202
Total murinae branch length: 0.17517
K_score: 0.06743
Scaling factor: 0.67933

ENSMUSG00000051768 exon 14 (ORF 1)

ENSMUSG00000051768 exon 15 (ORF 2)

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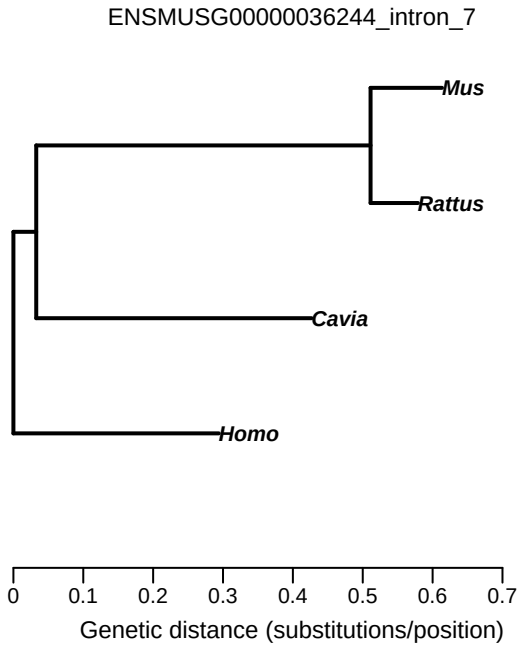
ENSMUSG00000036244 intron 7

Description: TBC1 domain family, member 21 (Tbc1d21)
Intron number: 7
Mouse chromosome: 9
Upstream exon length: 97
Downstream exon length: 101
Mouse intron length: 252
Intron alignment length: 347
Total murinae branch length: 0.17005
K_score: 0.05567
Scaling factor: 0.67976

ENSMUSG00000036244 exon 7 (ORF 0)

ENSMUSG00000036244 exon 8 (ORF 2)

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337

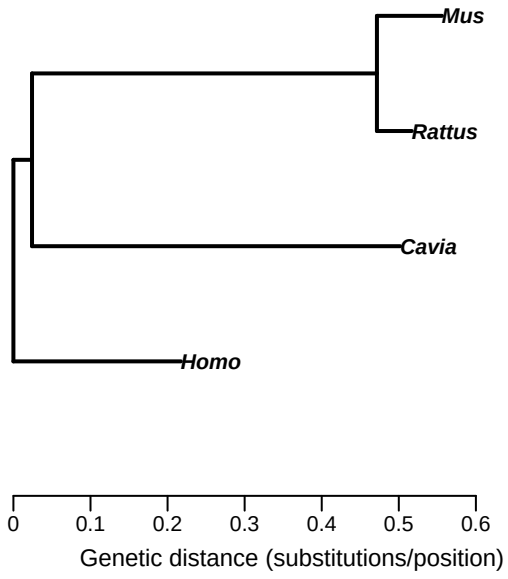
ENSMUSG00000028173 intron 7

Description: Integral membrane protein GPR177 Precursor (Wls)
Intron number: 7
Mouse chromosome: 3
Upstream exon length: 98
Downstream exon length: 64
Mouse intron length: 364
Intron alignment length: 475
Total murinae branch length: 0.12969
K_score: 0.087
Scaling factor: 0.68014

ENSMUSG00000028173 exon 7 (ORF 0)

ENSMUSG00000028173 exon 8 (ORF 1)

ENSMUSG00000028173_intron_7

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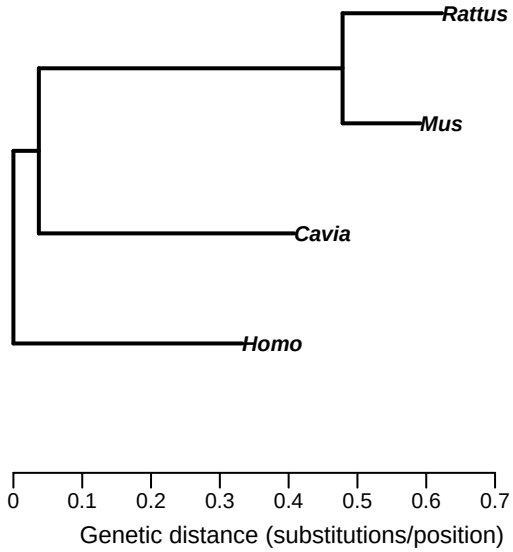
ENSMUSG00000024187 intron 4

Description: Protein ITFG3 (Itfg3)
Intron number: 4
Mouse chromosome: 17
Upstream exon length: 137
Downstream exon length: 133
Mouse intron length: 602
Intron alignment length: 667
Total murinae branch length: 0.25732
K_score: 0.05686
Scaling factor: 0.6818

ENSMUSG00000024187 exon 4 (ORF 2)

ENSMUSG00000024187 exon 5 (ORF 0)

ENSMUSG00000024187_intron_4

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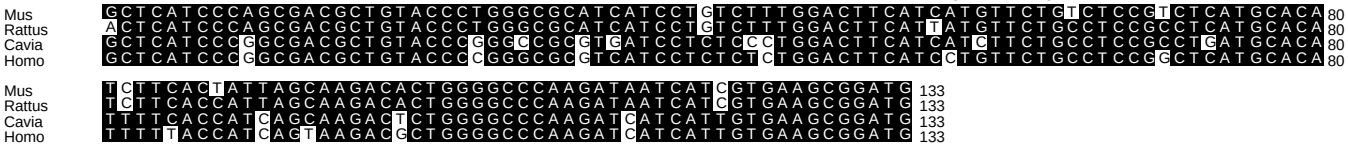
ENSMUSG00000009292 intron 17

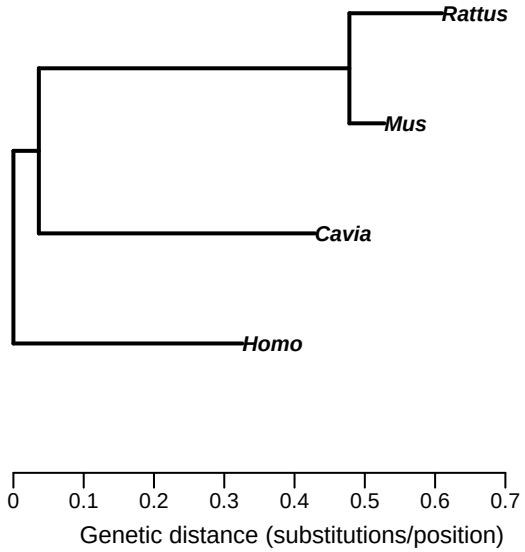
Description: Transient receptor potential cation channel subfamily M memb (Trpm2)
Intron number: 17
Mouse chromosome: 10
Upstream exon length: 119
Downstream exon length: 133
Mouse intron length: 574
Intron alignment length: 676
Total murinae branch length: 0.18154
K_score: 0.06535
Scaling factor: 0.6819

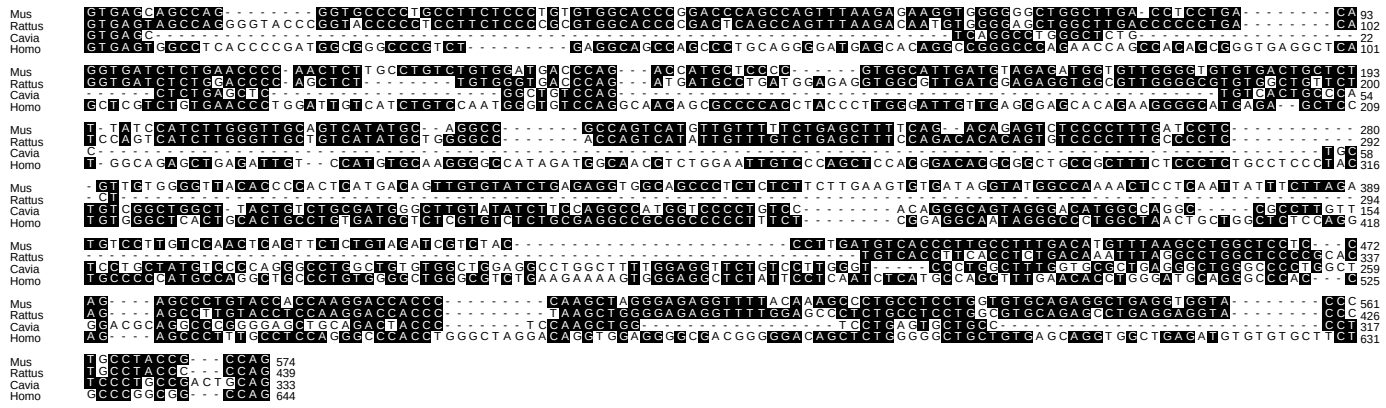
ENSMUSG00000009292 exon 17 (ORF 0)

ENSMUSG00000009292 exon 18 (ORF 1)



ENSMUSG00000009292_intron_17

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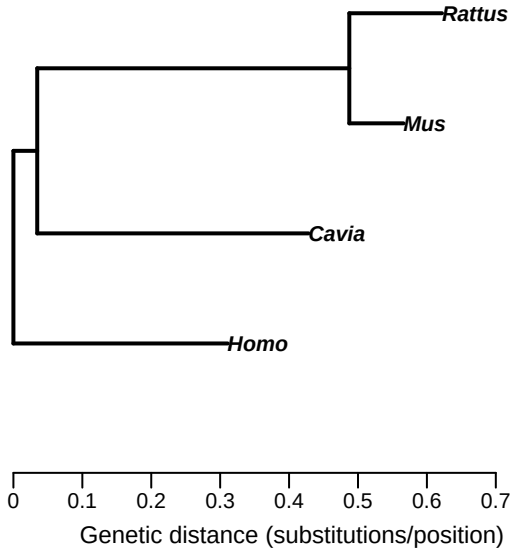
ENSMUSG00000020325 intron 2

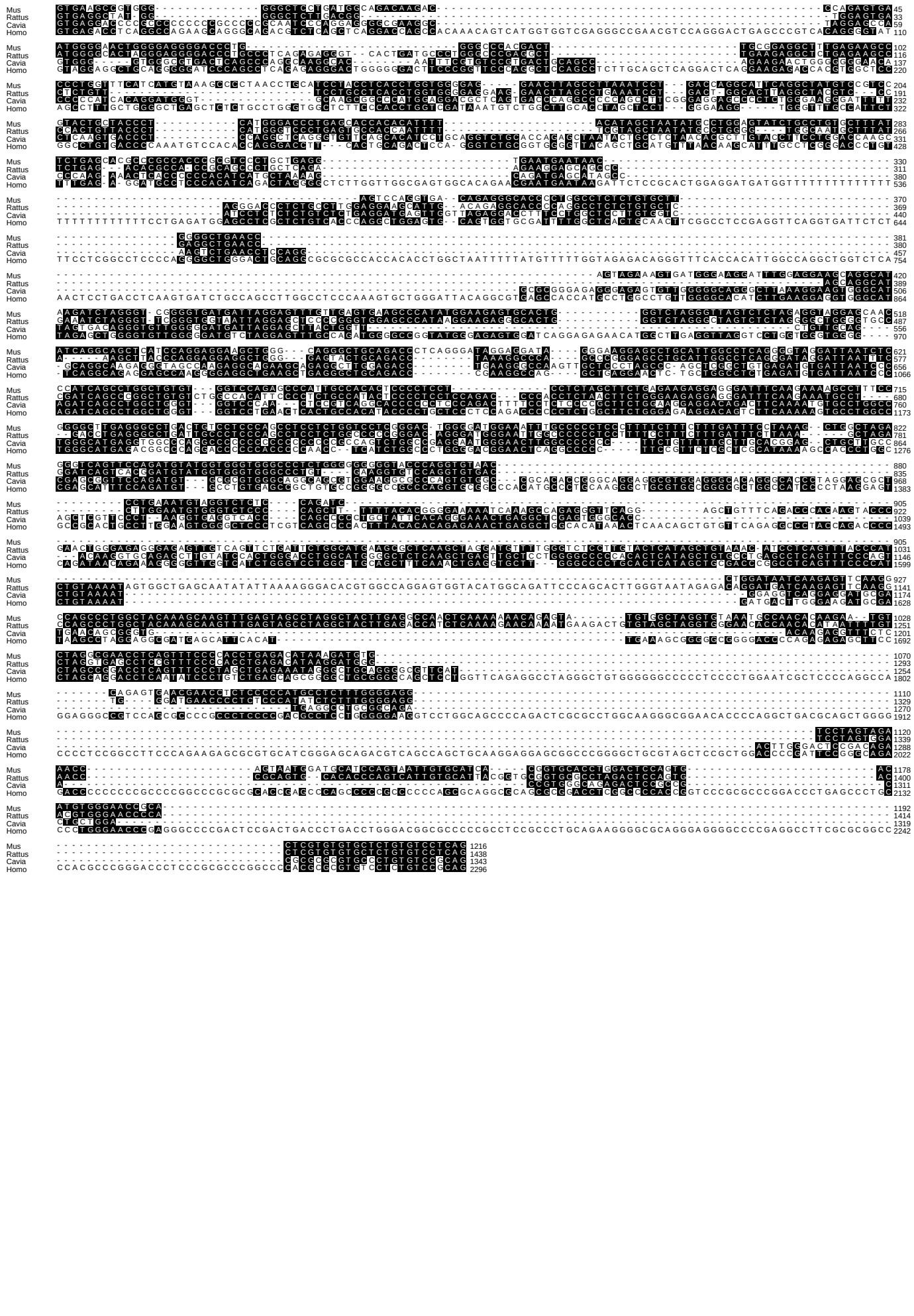
Description: Follistatin-related protein 3 Precursor (Fstl3)
Intron number: 2
Mouse chromosome: 10
Upstream exon length: 186
Downstream exon length: 216
Mouse intron length: 1216
Intron alignment length: 2474
Total murinae branch length: 0.21315
K_score: 0.04431
Scaling factor: 0.68302

ENSMUSG00000020325 exon 2 (ORF 2)

ENSMUSG00000020325 exon 3 (ORF 2)

ENSMUSG00000020325_intron_2

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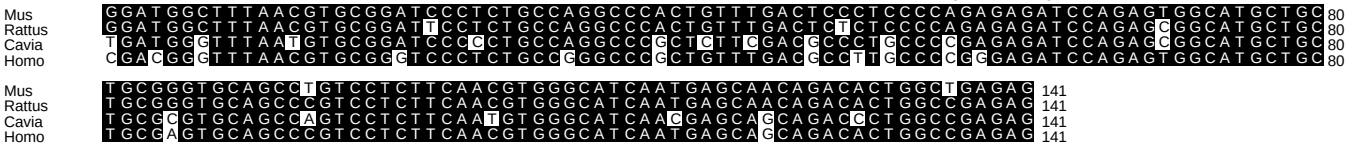
ENSMUSG00000026113 intron 19

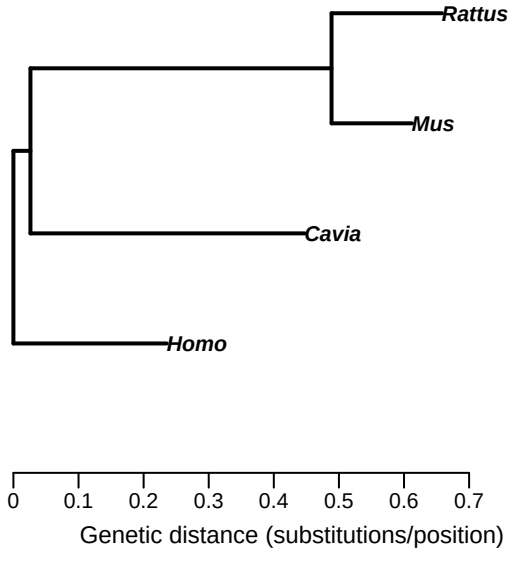
Description: Type I inositol-3,4-bisphosphate 4-phosphatase (Inpp4a)
Intron number: 19
Mouse chromosome: 1
Upstream exon length: 127
Downstream exon length: 141
Mouse intron length: 272
Intron alignment length: 302
Total murinae branch length: 0.29315
K_score: 0.04116
Scaling factor: 0.68333

ENSMUSG00000026113 exon 19 (ORF 2)

ENSMUSG00000026113 exon 20 (ORF 1)



ENSMUSG00000026113_intron_19

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291
255
262

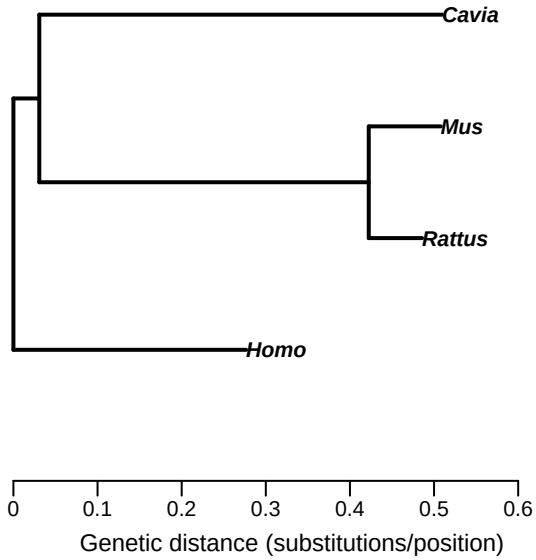
ENSMUSG00000021610 intron 4

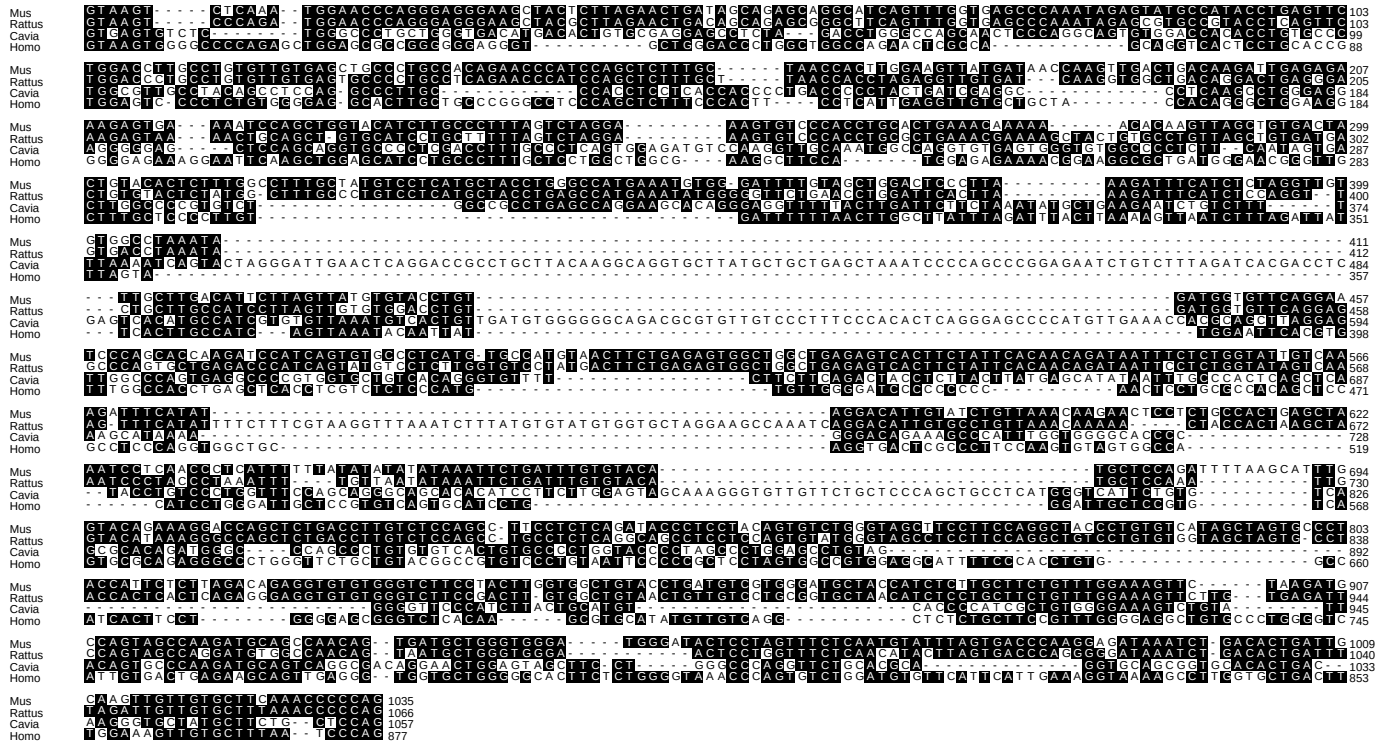
Description: Cleft lip and palate transmembrane protein 1-like protein (Clptm1l)
Intron number: 4
Mouse chromosome: 13
Upstream exon length: 149
Downstream exon length: 79
Mouse intron length: 1035
Intron alignment length: 1346
Total murinae branch length: 0.14894
K_score: 0.07618
Scaling factor: 0.68789

ENSMUSG00000021610 exon 4 (ORF 0)

ENSMUSG00000021610 exon 5 (ORF 1)

ENSMUSG00000021610_intron_4




Mus
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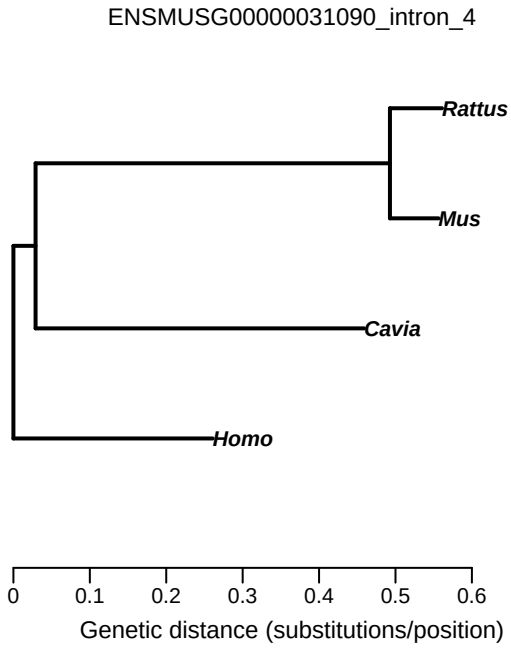
ENSMUSG00000031090 intron 4

Description: Glutamine-dependent NAD (Nadsyn1)
Intron number: 4
Mouse chromosome: 7
Upstream exon length: 54
Downstream exon length: 90
Mouse intron length: 498
Intron alignment length: 688
Total murinae branch length: 0.13169
K_score: 0.06118
Scaling factor: 0.688

ENSMUSG00000031090 exon 4 (ORF 1)

ENSMUSG00000031090 exon 5 (ORF 1)

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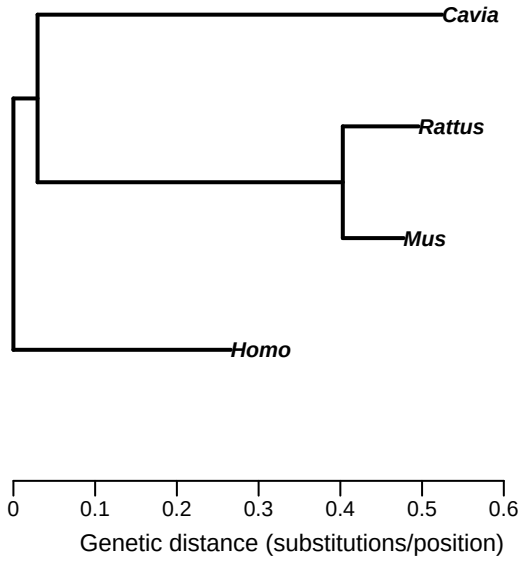
ENSMUSG00000010205 intron 10

Description: Ribonucleoprotein PTB-binding 1 (Raver1)
Intron number: 10
Mouse chromosome: 9
Upstream exon length: 75
Downstream exon length: 144
Mouse intron length: 459
Intron alignment length: 880
Total murinae branch length: 0.16701
K_score: 0.08305
Scaling factor: 0.68806

ENSMUSG00000010205 exon 10 (ORF 0)

ENSMUSG00000010205 exon 11 (ORF 0)

ENSMUSG00000010205_intron_10

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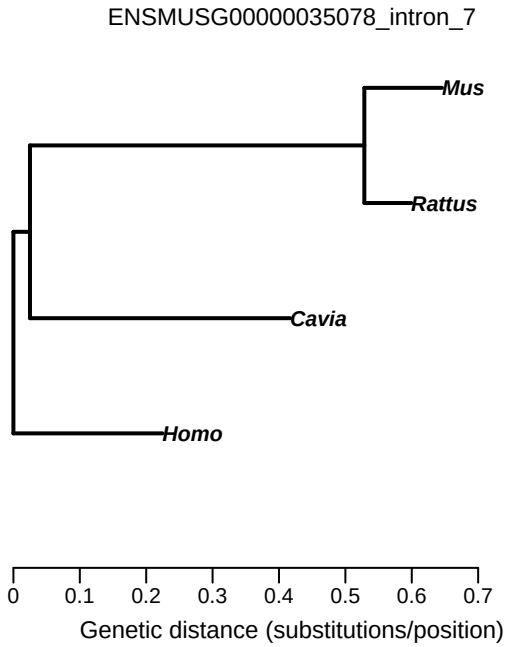
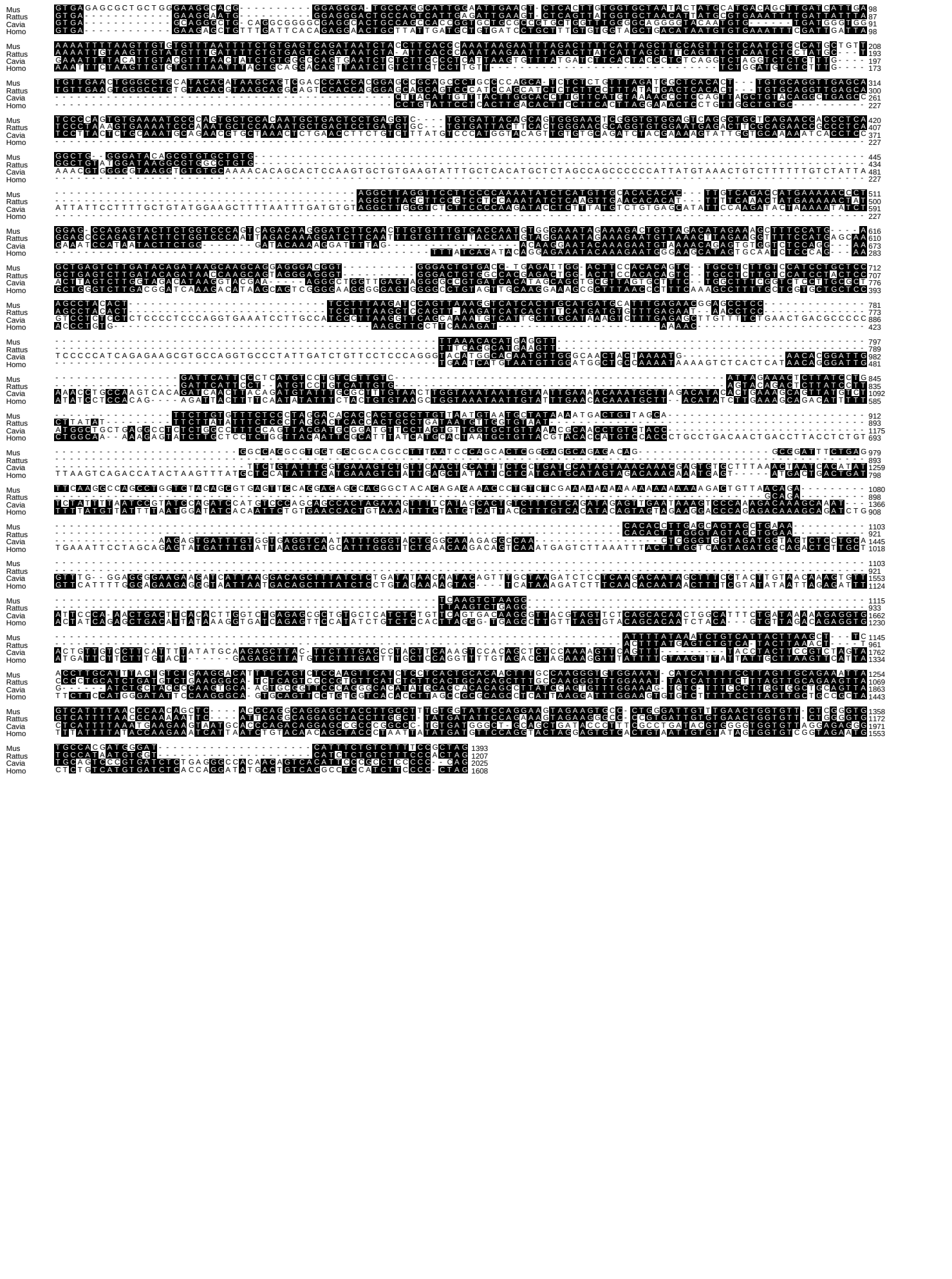
ENSMUSG00000035078 intron 7

Description: Myotubularin-related protein 9 (Mtmr9)
Intron number: 7
Mouse chromosome: 14
Upstream exon length: 142
Downstream exon length: 221
Mouse intron length: 1393
Intron alignment length: 2256
Total murinae branch length: 0.18768
K_score: 0.07183
Scaling factor: 0.689

ENSMUSG00000035078 exon 7 (ORF 1)

ENSMUSG00000035078 exon 8 (ORF 0)

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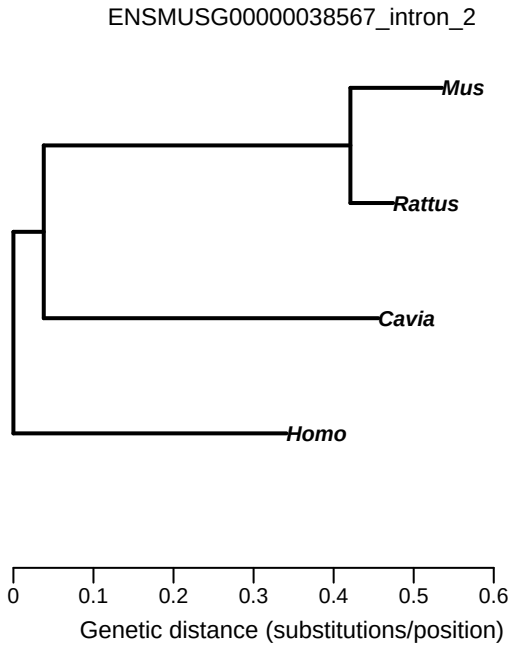
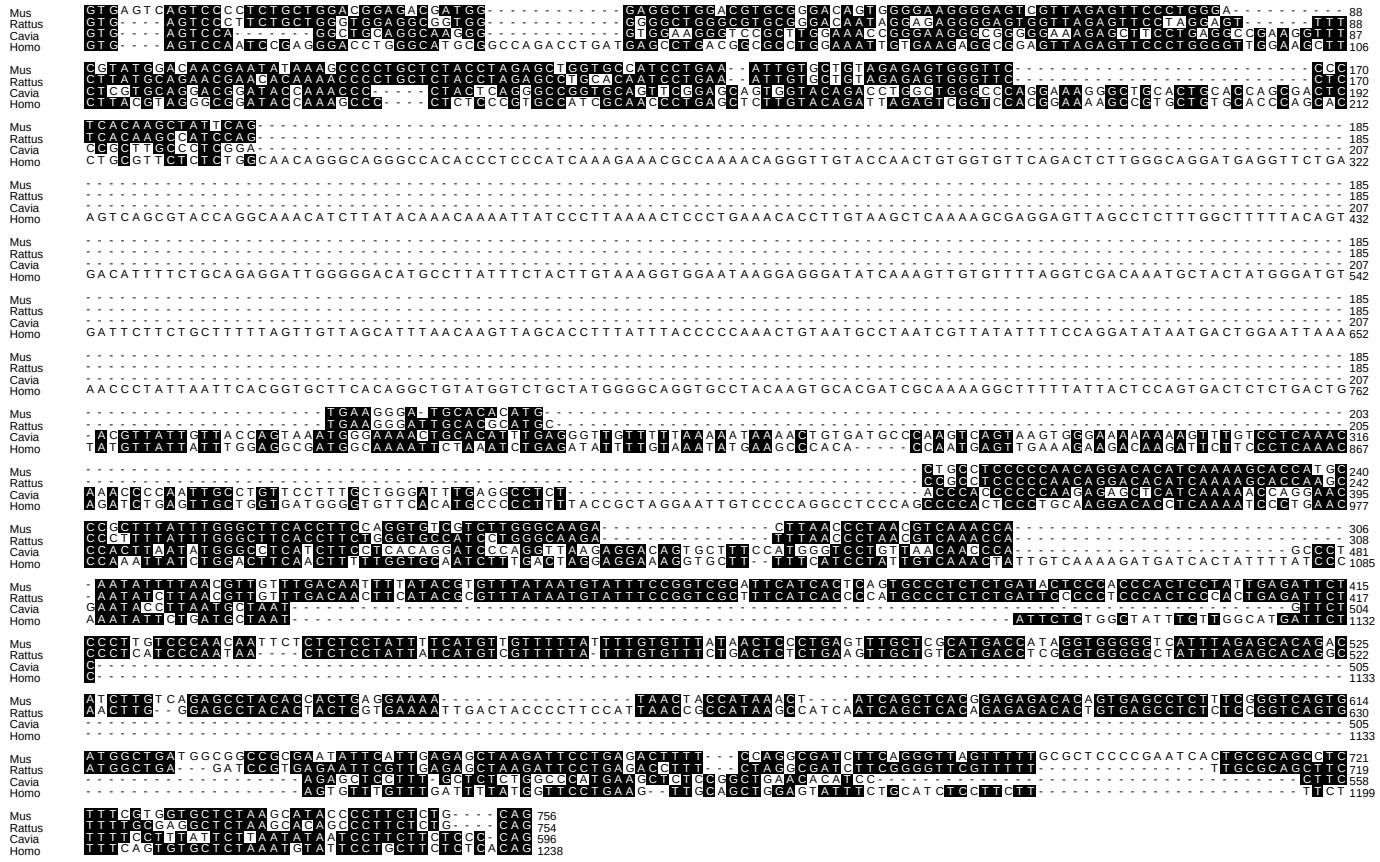
ENSMUSG00000038567 intron 2

Description: 1,25-dihydroxyvitamin D (Cyp24a1)
Intron number: 2
Mouse chromosome: 2
Upstream exon length: 191
Downstream exon length: 94
Mouse intron length: 756
Intron alignment length: 1579
Total murinae branch length: 0.16771
K_score: 0.08597
Scaling factor: 0.69088

ENSMUSG00000038567 exon 2 (ORF 0)

ENSMUSG00000038567 exon 3 (ORF 1)

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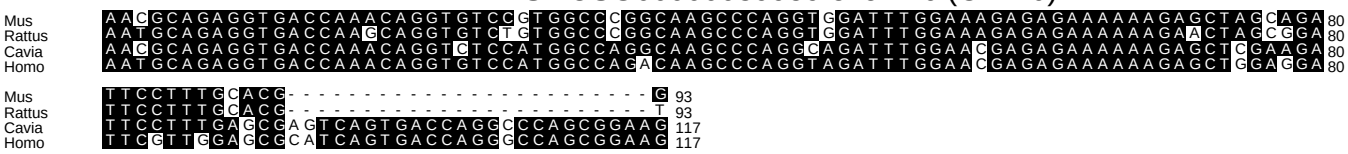
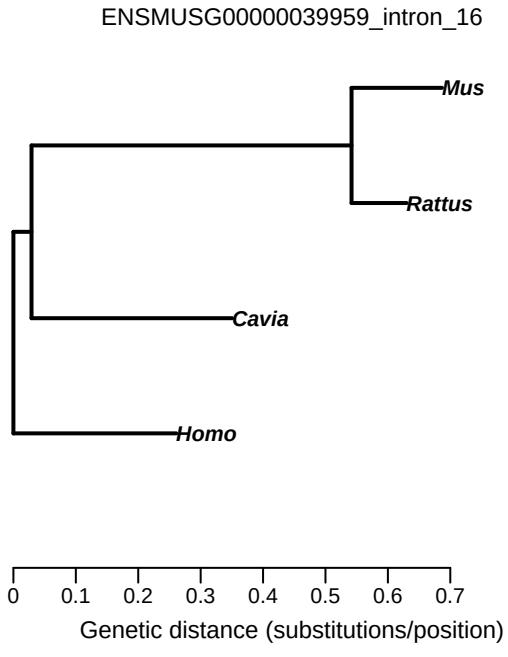
ENSMUSG00000039959 intron 16

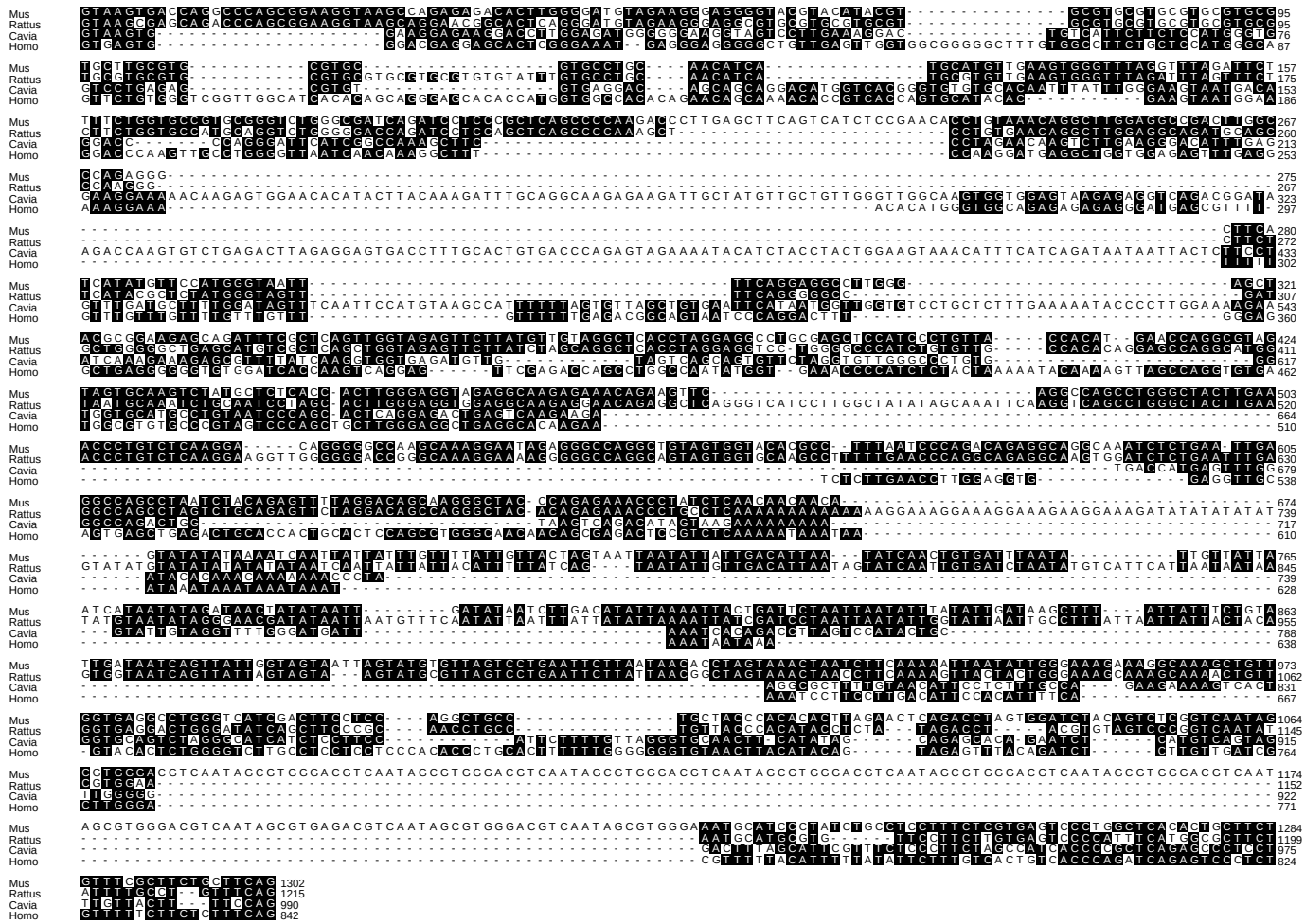
Description: Huntingtin-interacting protein 1 (Hip1)
Intron number: 16
Mouse chromosome: 5
Upstream exon length: 93
Downstream exon length: 102
Mouse intron length: 1302
Intron alignment length: 1778
Total murinae branch length: 0.23324
K_score: 0.08951
Scaling factor: 0.69124

ENSMUSG00000039959 exon 16 (ORF 0)



ENSMUSG00000039959 exon 17 (ORF 0)

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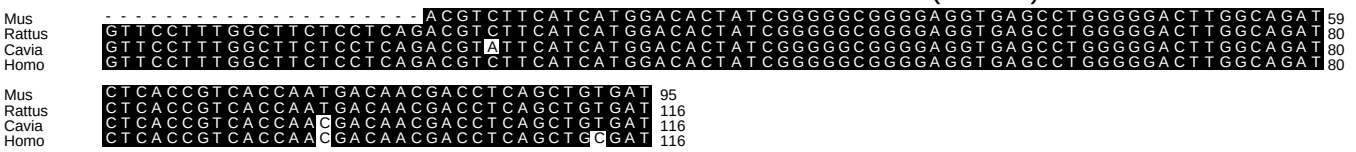
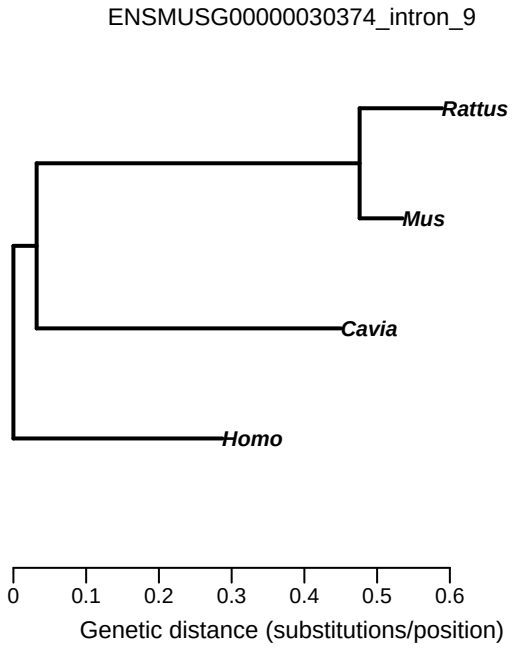
ENSMUSG00000030374 intron 9

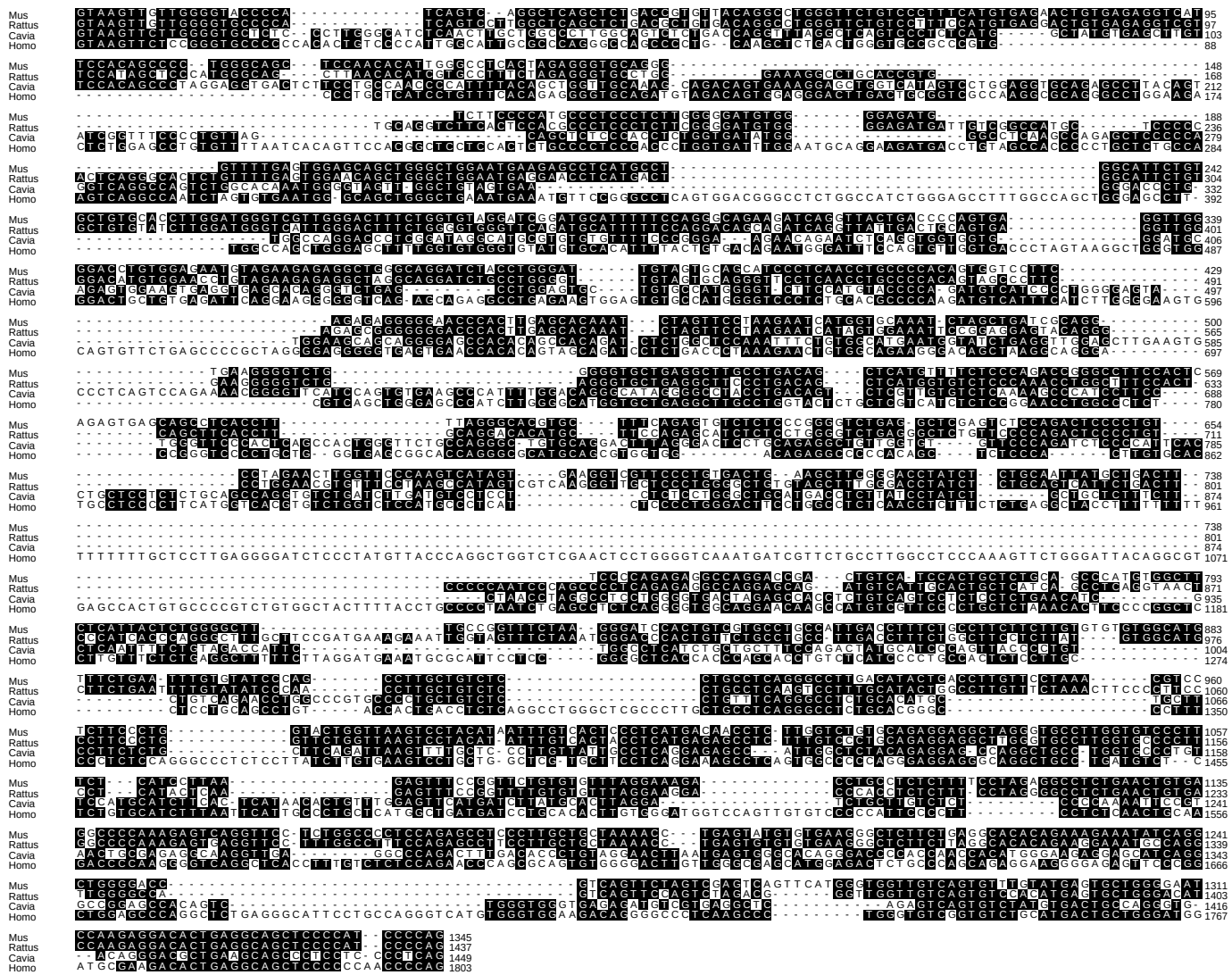
Description: Striatin-4 (Strn4)
Intron number: 9
Mouse chromosome: 7
Upstream exon length: 95
Downstream exon length: 176
Mouse intron length: 1345
Intron alignment length: 1457
Total murinae branch length: 0.17228
K_score: 0.04523
Scaling factor: 0.69218

ENSMUSG00000030374 exon 9 (ORF 2)



ENSMUSG00000030374 exon 10 (ORF 0)

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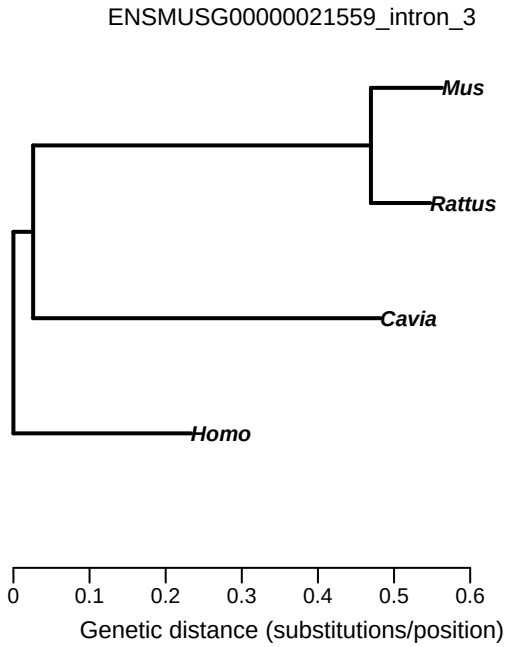
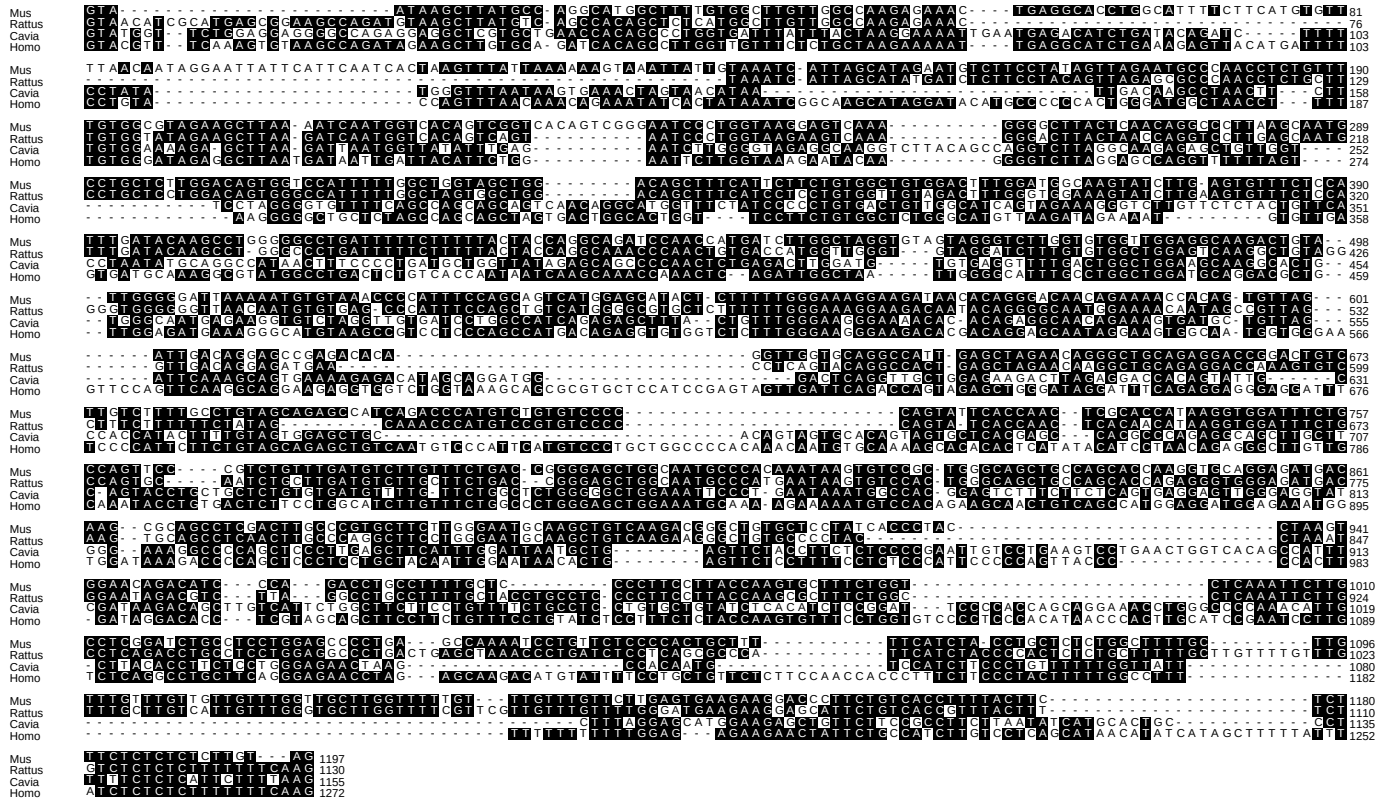
ENSMUSG00000021559 intron 3

Description: Death-associated protein kinase 1 (Dapk1)
Intron number: 3
Mouse chromosome: 13
Upstream exon length: 139
Downstream exon length: 130
Mouse intron length: 1197
Intron alignment length: 1525
Total murinae branch length: 0.17118
K_score: 0.05749
Scaling factor: 0.69278

ENSMUSG00000021559 exon 3 (ORF 1)

ENSMUSG00000021559 exon 4 (ORF 0)

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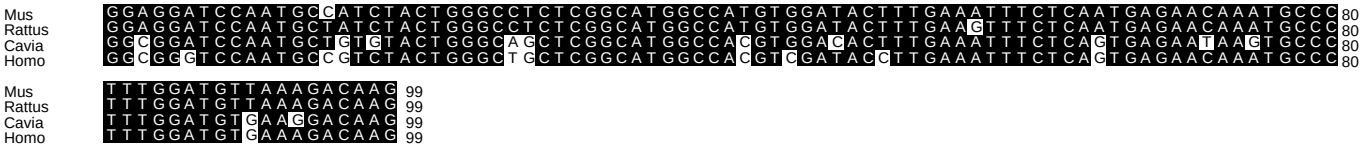
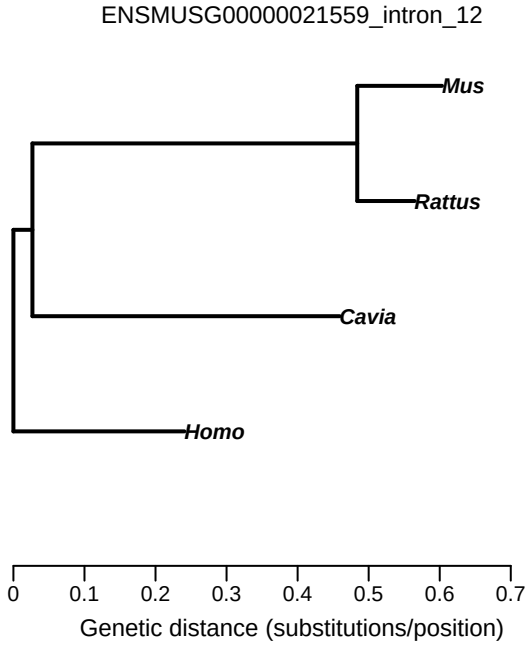
ENSMUSG00000021559 intron 12

Description: Death-associated protein kinase 1 (Dapk1)
Intron number: 12
Mouse chromosome: 13
Upstream exon length: 99
Downstream exon length: 99
Mouse intron length: 647
Intron alignment length: 1450
Total murinae branch length: 0.20007
K_score: 0.04469
Scaling factor: 0.69365

ENSMUSG00000021559 exon 12 (ORF 0)

ENSMUSG00000021559 exon 13 (ORF 0)



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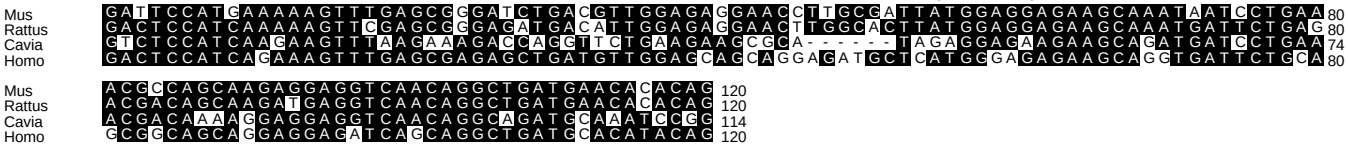
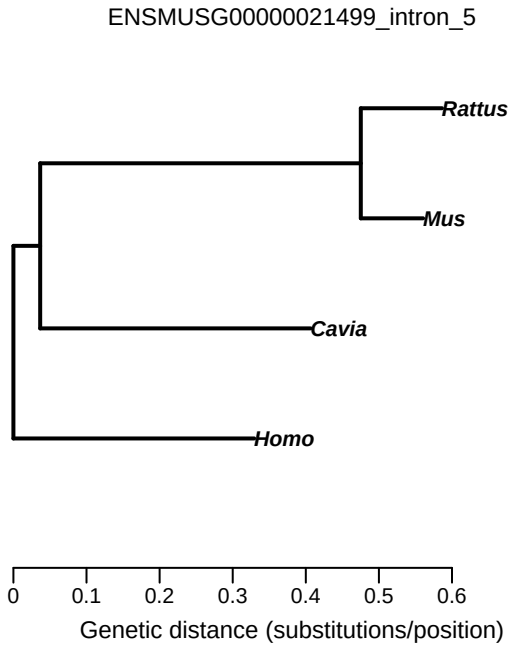
ENSMUSG00000021499 intron 5

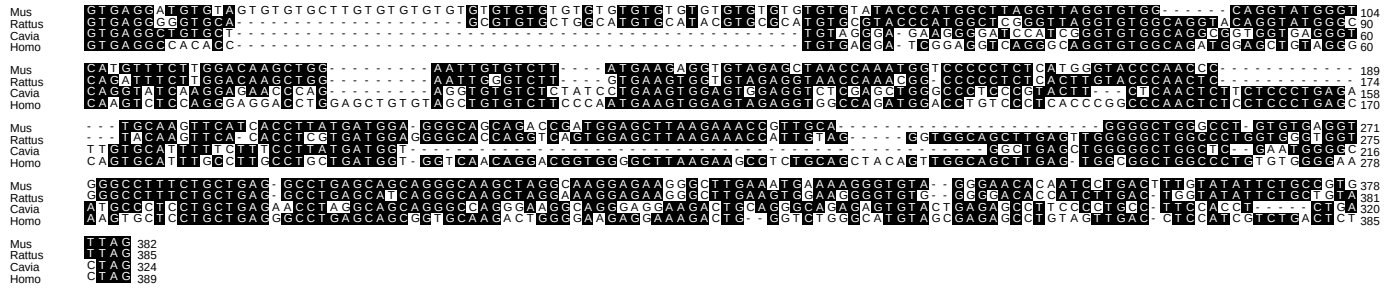
Description: Cation channel sperm-associated protein 3 (Catsper3)
Intron number: 5
Mouse chromosome: 13
Upstream exon length: 141
Downstream exon length: 120
Mouse intron length: 382
Intron alignment length: 444
Total murinae branch length: 0.19633
K_score: 0.06139
Scaling factor: 0.69488

ENSMUSG00000021499 exon 5 (ORF 0)

ENSMUSG00000021499 exon 6 (ORF 0)



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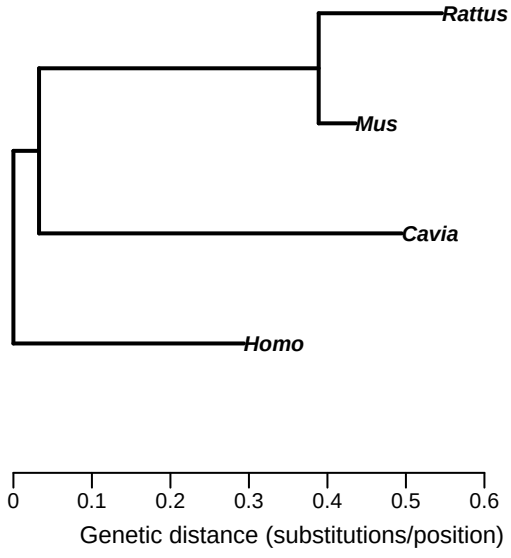
ENSMUSG00000048677 intron 11

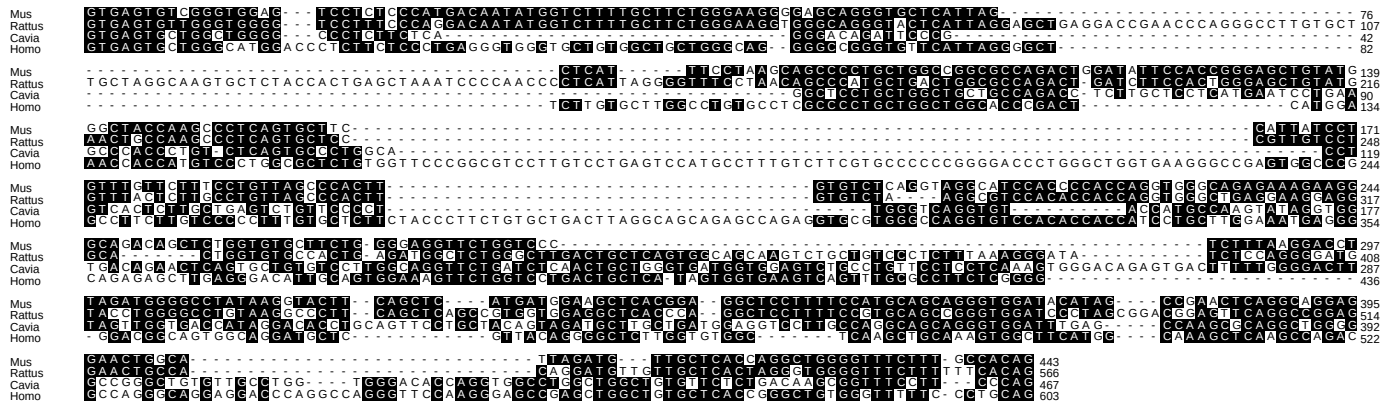
Description: Two pore calcium channel protein 2 (Tpcn2)
Intron number: 11
Mouse chromosome: 7
Upstream exon length: 101
Downstream exon length: 82
Mouse intron length: 443
Intron alignment length: 742
Total murinae branch length: 0.20397
K_score: 0.08783
Scaling factor: 0.69557

ENSMUSG00000048677 exon 11 (ORF 0)

ENSMUSG00000048677 exon 12 (ORF 1)

ENSMUSG00000048677_intron_11

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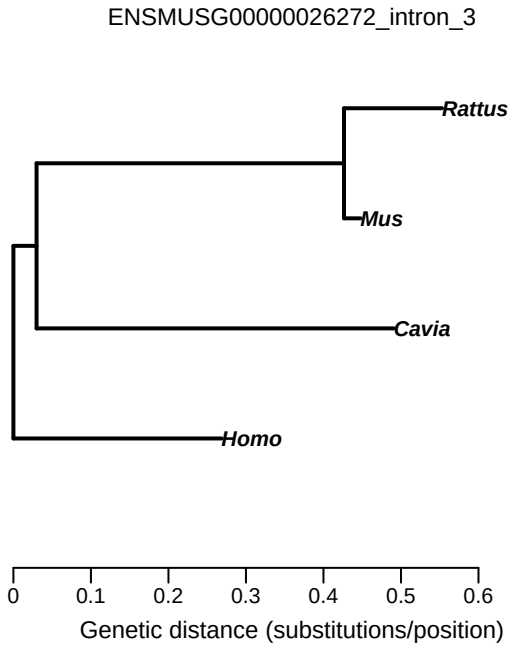
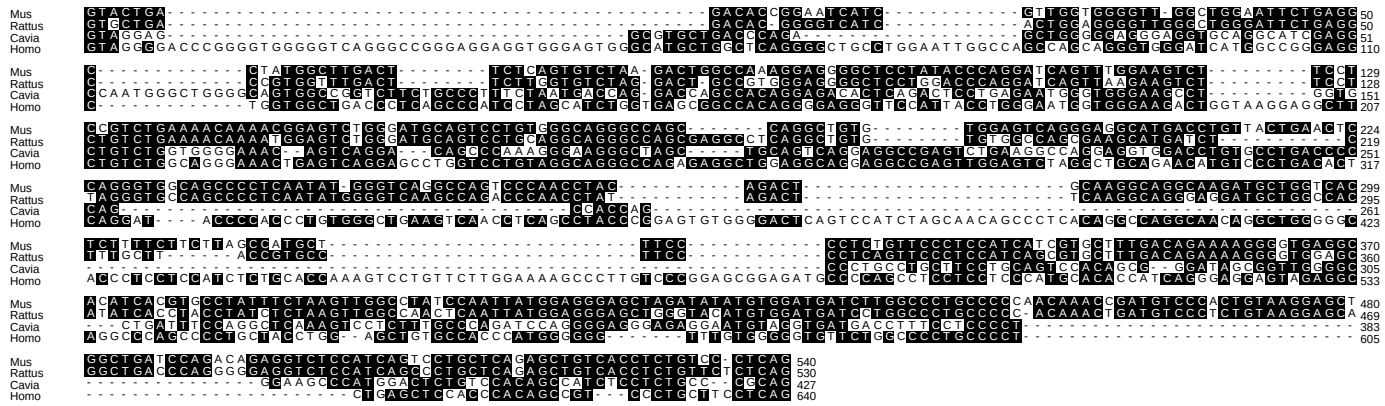
ENSMUSG00000026272 intron 3

Description: Serine--pyruvate aminotransferase, mitochondrial Precursor (Agxt)
Intron number: 3
Mouse chromosome: 1
Upstream exon length: 65
Downstream exon length: 101
Mouse intron length: 540
Intron alignment length: 608
Total murinae branch length: 0.14773
K_score: 0.08125
Scaling factor: 0.69612

ENSMUSG00000026272 exon 3 (ORF 2)

ENSMUSG00000026272 exon 4 (ORF 0)

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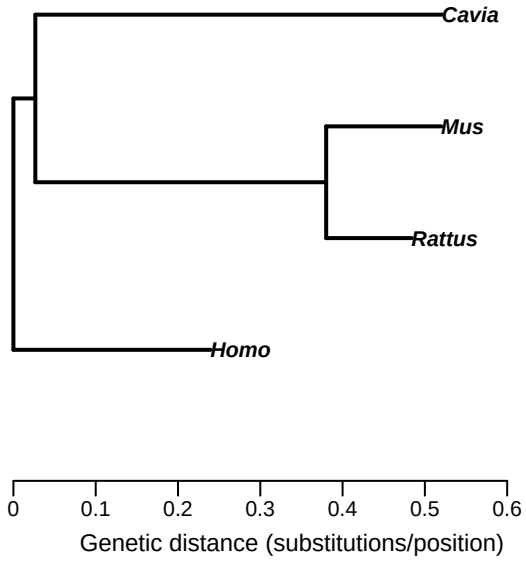
ENSMUSG00000023945 intron 7

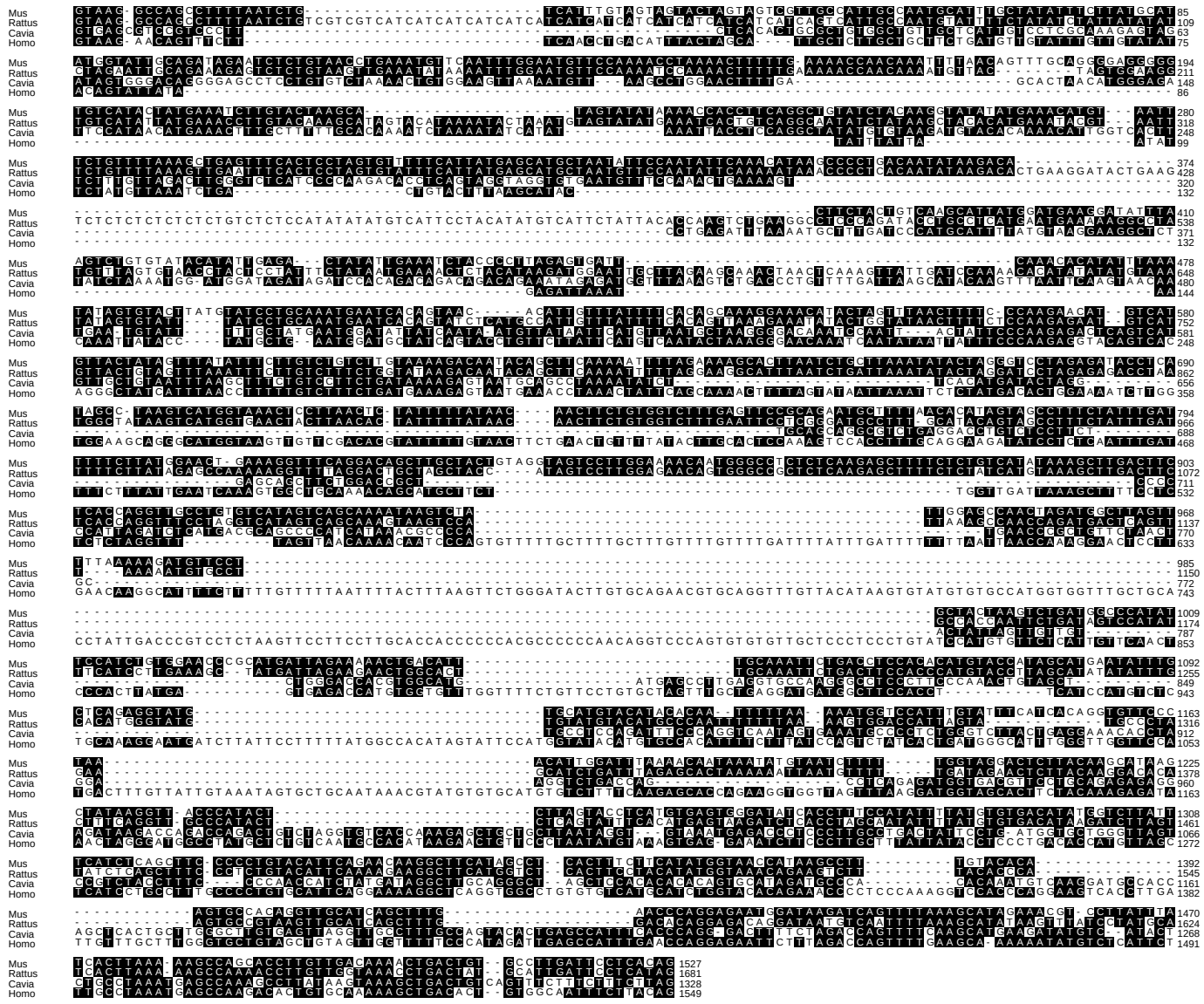
Description: High affinity choline transporter 1 (Slc5a7)
Intron number: 7
Mouse chromosome: 17
Upstream exon length: 218
Downstream exon length: 630
Mouse intron length: 1527
Intron alignment length: 2150
Total murinae branch length: 0.24380
K_score: 0.08861
Scaling factor: 0.69778

ENSMUSG00000023945 exon 7 (ORF 2)

ENSMUSG00000023945 exon 8 (ORF 0)

ENSMUSG00000023945_intron_7

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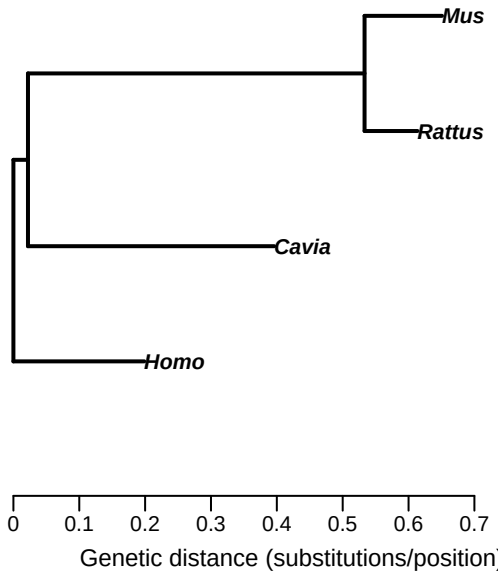
ENSMUSG00000038567 intron 6

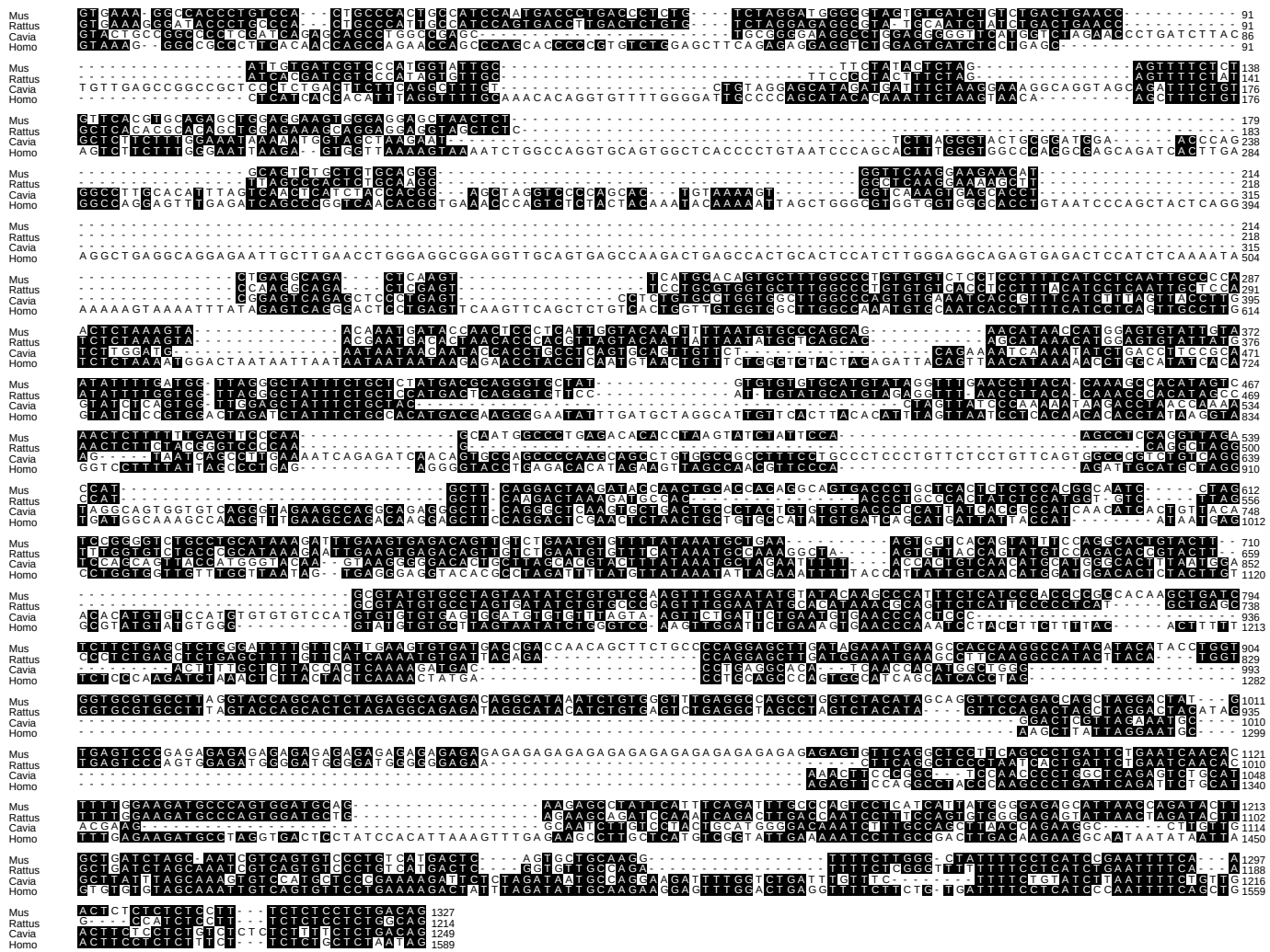
Description: 1,25-dihydroxyvitamin D (Cyp24a1)
Intron number: 6
Mouse chromosome: 2
Upstream exon length: 112
Downstream exon length: 146
Mouse intron length: 1327
Intron alignment length: 1903
Total murinae branch length: 0.19803
K_score: 0.08693
Scaling factor: 0.69847

ENSMUSG00000038567 exon 6 (ORF 0)

ENSMUSG00000038567 exon 7 (ORF 2)

ENSMUSG00000038567_intron_6

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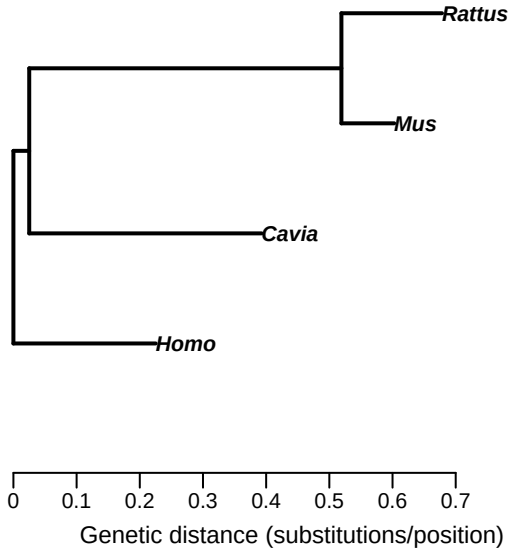
ENSMUSG00000029545 intron 1

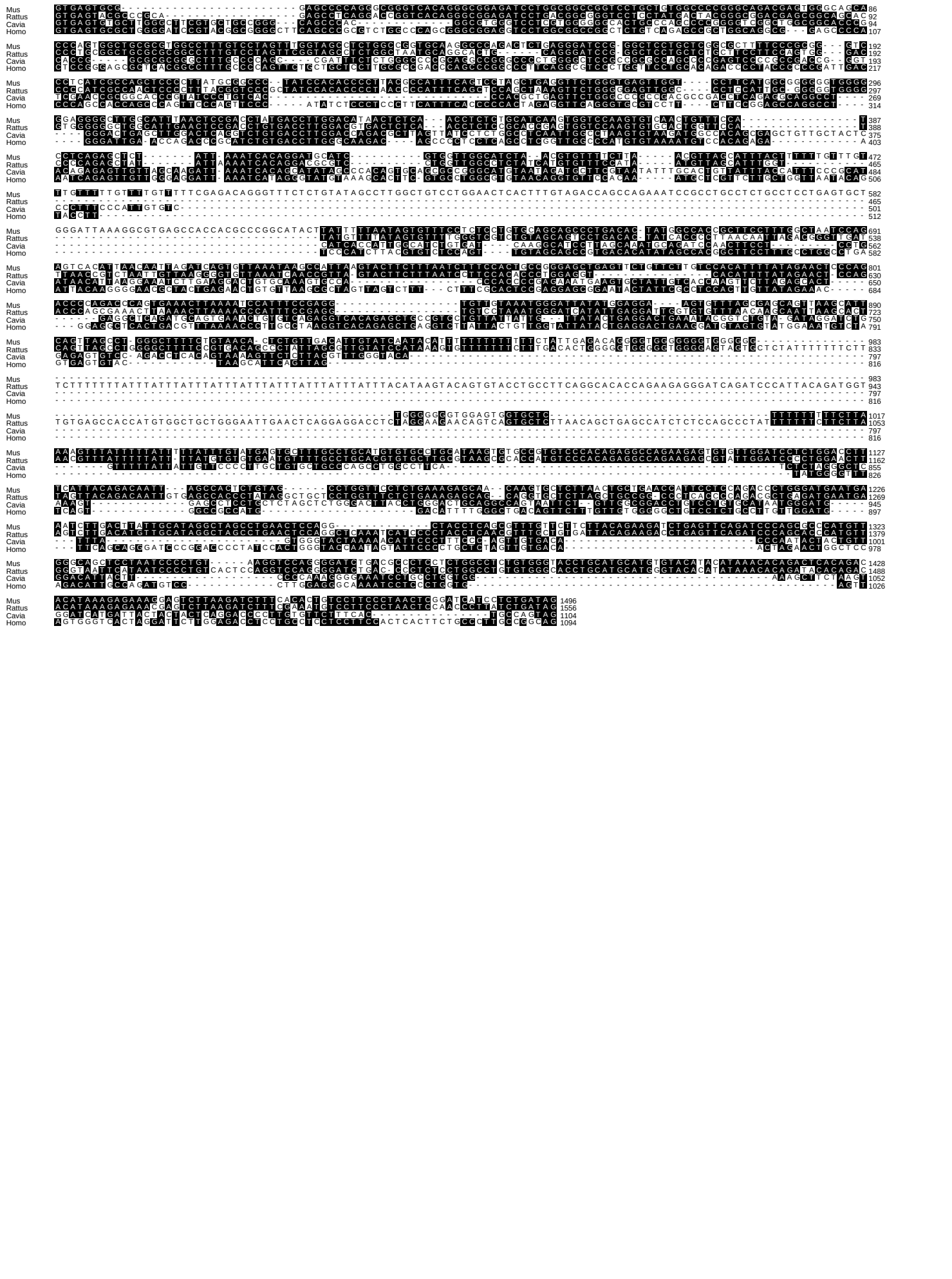
Description: Short-chain specific acyl-CoA dehydrogenase, mitochondrial P (Acads)
Intron number: 1
Mouse chromosome: 5
Upstream exon length: 46
Downstream exon length: 164
Mouse intron length: 1496
Intron alignment length: 1828
Total murinae branch length: 0.24276
K_score: 0.06899
Scaling factor: 0.6996

ENSMUSG00000029545 exon 1 (ORF 0)

ENSMUSG00000029545 exon 2 (ORF 2)

ENSMUSG00000029545_intron_1

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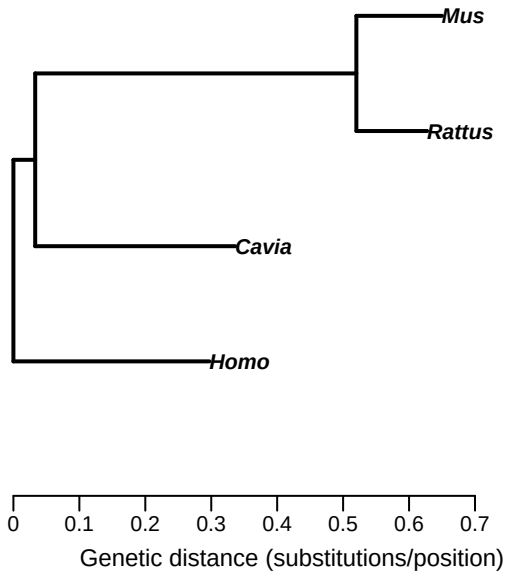
ENSMUSG00000039686 intron 10

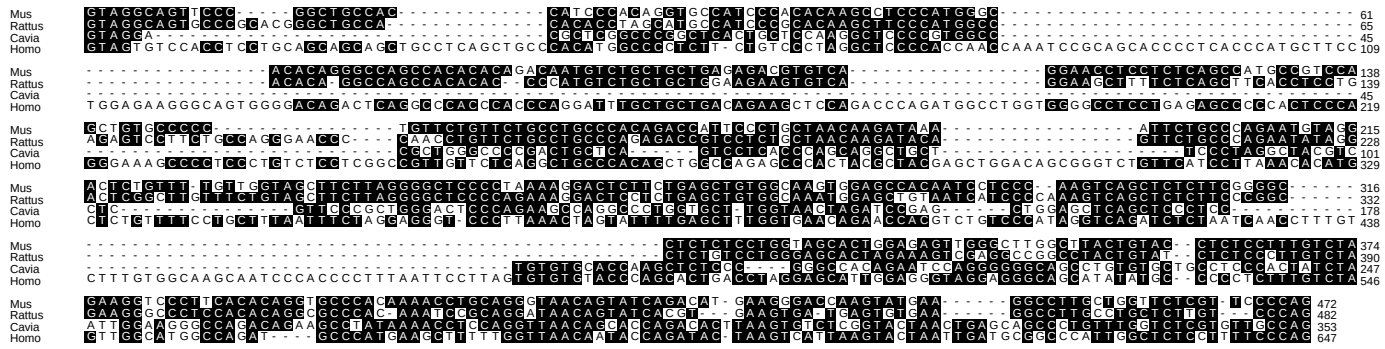
Description: Protein zer-1 homolog (Zer1)
Intron number: 10
Mouse chromosome: 2
Upstream exon length: 120
Downstream exon length: 116
Mouse intron length: 472
Intron alignment length: 656
Total murinae branch length: 0.23724
K_score: 0.08848
Scaling factor: 0.70058

ENSMUSG00000039686 exon 10 (ORF 0)

ENSMUSG00000039686 exon 11 (ORF 0)

ENSMUSG00000039686_intron_10

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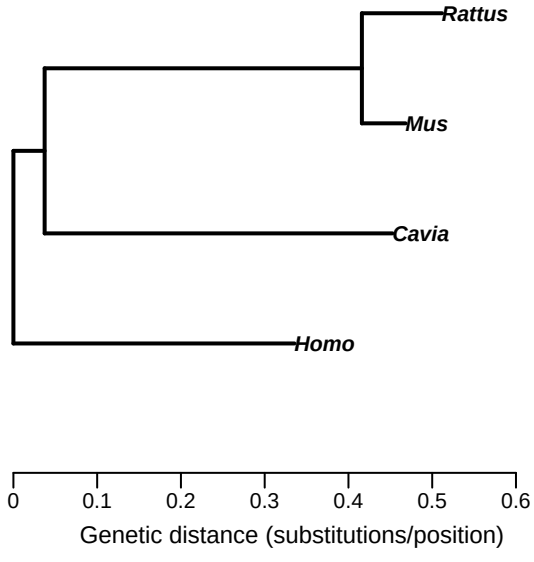
ENSMUSG00000033105 intron 16

Description: Lanosterol synthase (Lss)
Intron number: 16
Mouse chromosome: 10
Upstream exon length: 97
Downstream exon length: 106
Mouse intron length: 575
Intron alignment length: 745
Total murinae branch length: 0.14774
K_score: 0.08418
Scaling factor: 0.70173

ENSMUSG00000033105 exon 16 (ORF 0)

ENSMUSG00000033105 exon 17 (ORF 2)

ENSMUSG00000033105_intron_16

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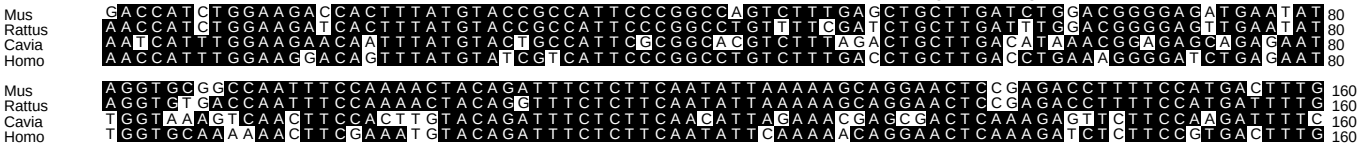
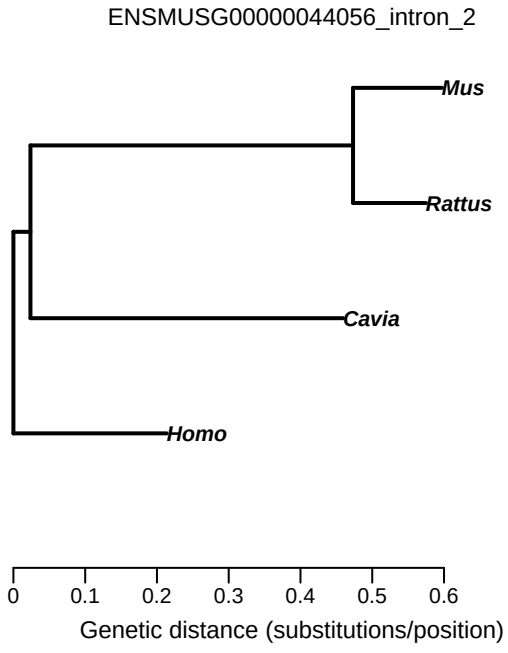
ENSMUSG00000044056 intron 2

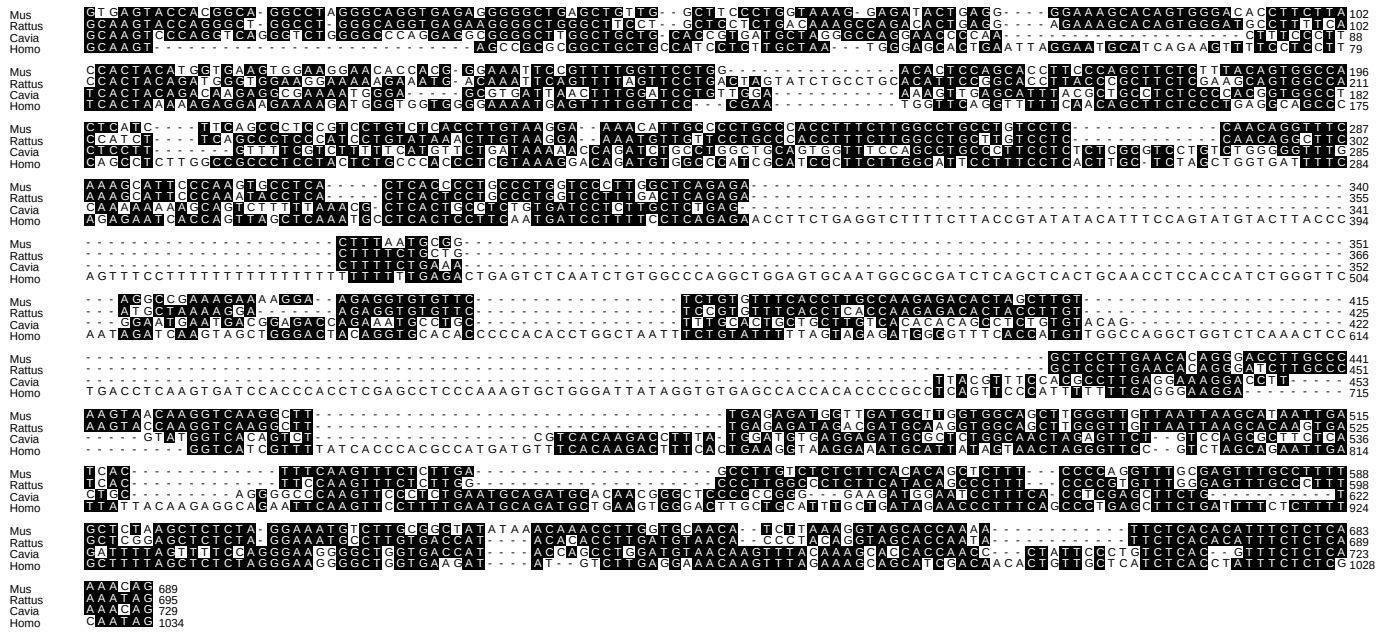
Description: EF-hand calcium-binding domain-containing protein 9 (Efcab9)
Intron number: 2
Mouse chromosome: 11
Upstream exon length: 149
Downstream exon length: 177
Mouse intron length: 689
Intron alignment length: 1106
Total murinae branch length: 0.22557
K_score: 0.05093
Scaling factor: 0.70324

ENSMUSG00000044056 exon 2 (ORF 2)

ENSMUSG00000044056 exon 3 (ORF 0)



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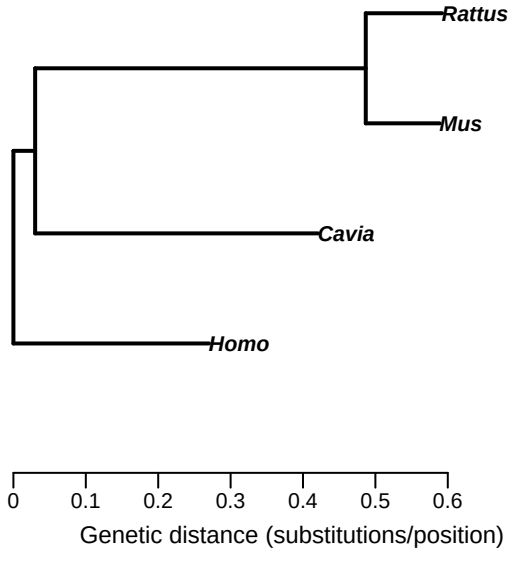
ENSMUSG00000038095 intron 9

Description: Protein strawberry notch homolog 1 (Sbno1)
Intron number: 9
Mouse chromosome: 5
Upstream exon length: 162
Downstream exon length: 136
Mouse intron length: 785
Intron alignment length: 2004
Total murinae branch length: 0.20731
K_score: 0.02838
Scaling factor: 0.7067

ENSMUSG00000038095 exon 9 (ORF 0)

ENSMUSG00000038095 exon 10 (ORF 0)

ENSMUSG00000038095_intron_9

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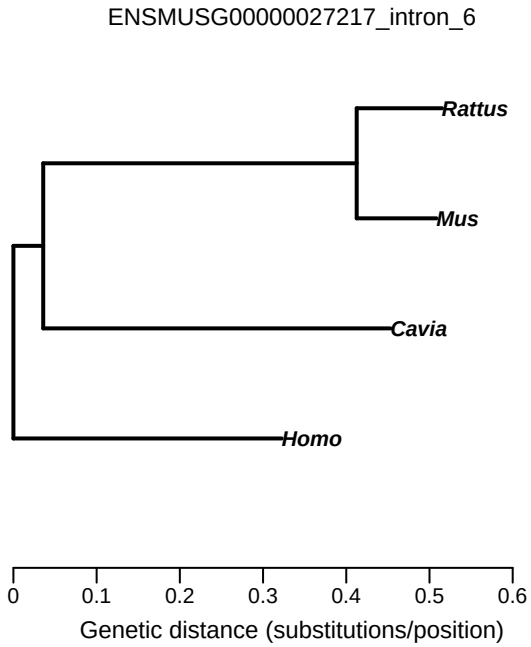
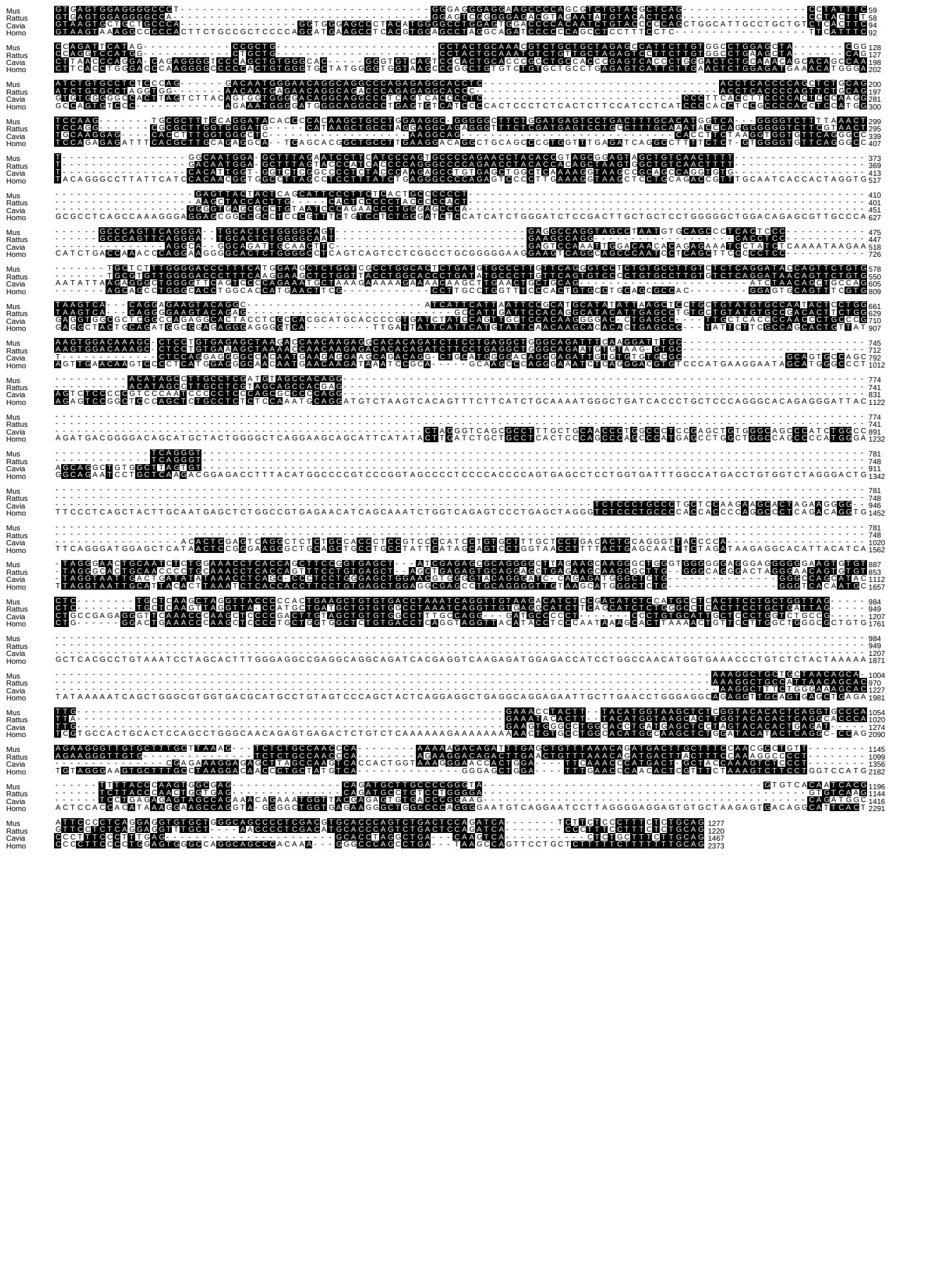
ENSMUSG00000027217 intron 6

Description: Tetraspanin-18 (Tspan18)
Intron number: 6
Mouse chromosome: 2
Upstream exon length: 84
Downstream exon length: 48
Mouse intron length: 1277
Intron alignment length: 2508
Total murinae branch length: 0.19833
K_score: 0.06426
Scaling factor: 0.70827

ENSMUSG00000027217 exon 6 (ORF 0)

ENSMUSG00000027217 exon 7 (ORF 0)

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Homo

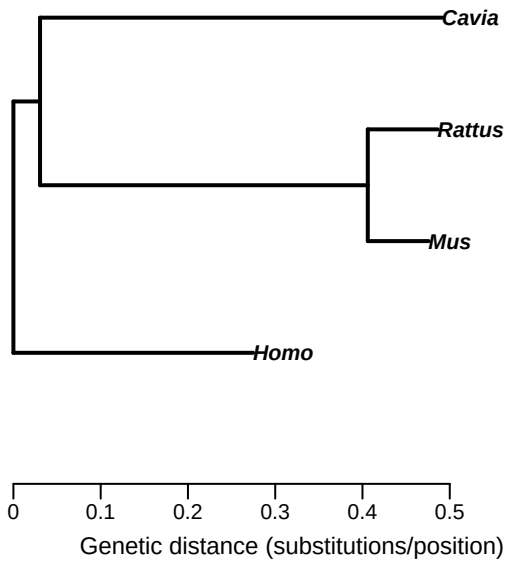
ENSMUSG00000028356 intron 1

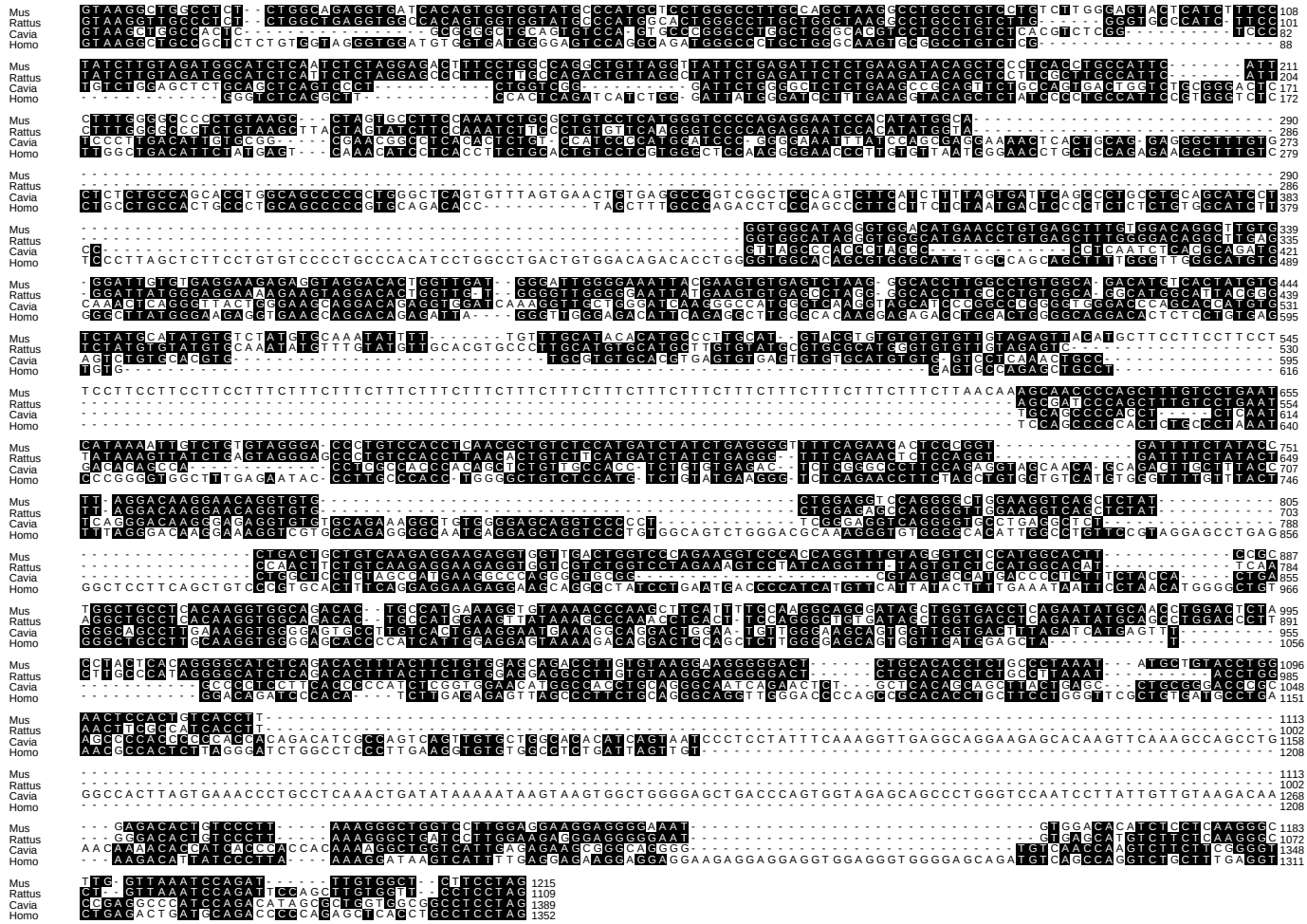
Description: Protein AMBP Precursor (Ambp)
Intron number: 1
Mouse chromosome: 4
Upstream exon length: 114
Downstream exon length: 143
Mouse intron length: 1215
Intron alignment length: 1801
Total murinae branch length: 0.14975
K_score: 0.07321
Scaling factor: 0.71127

ENSMUSG00000028356 exon 1 (ORF 0)

ENSMUSG00000028356 exon 2 (ORF 0)

ENSMUSG00000028356_intron_1




Mus
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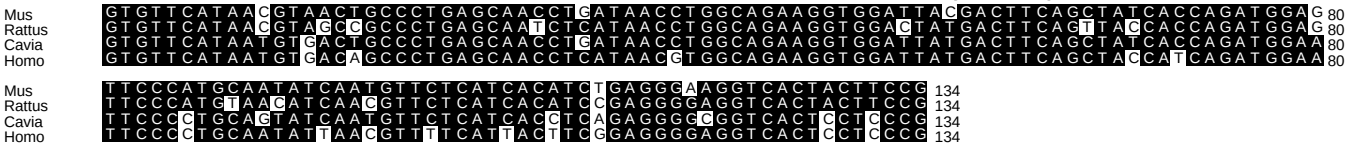
Homo

ENSMUSG00000048170 intron 12

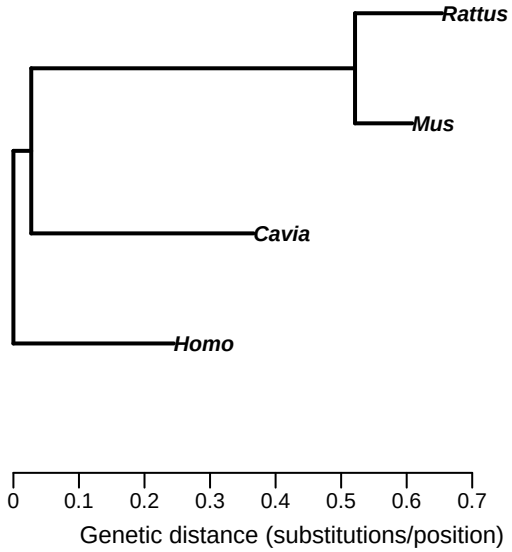
Description: UPF0557 protein C10orf119 homolog (Mcmbp)
Intron number: 12
Mouse chromosome: 7
Upstream exon length: 166
Downstream exon length: 134
Mouse intron length: 850
Intron alignment length: 1889
Total murinae branch length: 0.21984
K_score: 0.07074
Scaling factor: 0.71143

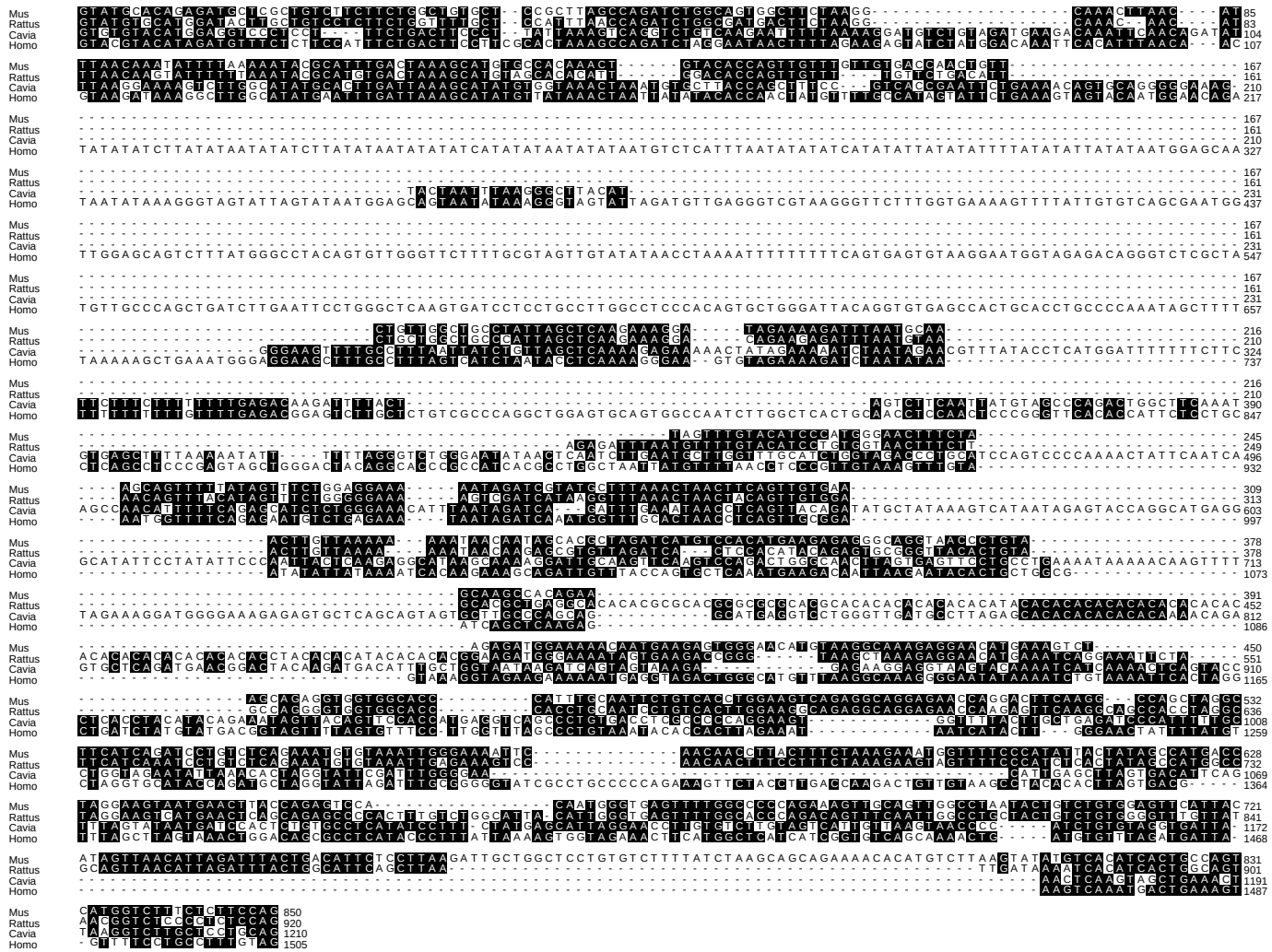
ENSMUSG00000048170 exon 12 (ORF 0)

ENSMUSG00000048170 exon 13 (ORF 2)



ENSMUSG00000048170_intron_12

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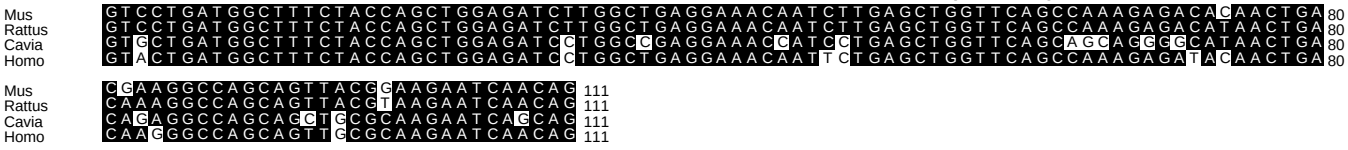
ENSMUSG00000003235 intron 14

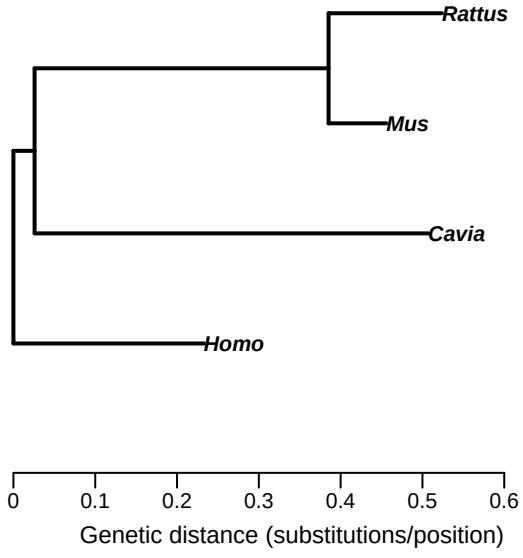
Description: Translation initiation factor eIF-2B subunit epsilon (Eif2b5)
Intron number: 14
Mouse chromosome: 16
Upstream exon length: 126
Downstream exon length: 111
Mouse intron length: 555
Intron alignment length: 622
Total murinae branch length: 0.20942
K_score: 0.08515
Scaling factor: 0.7128

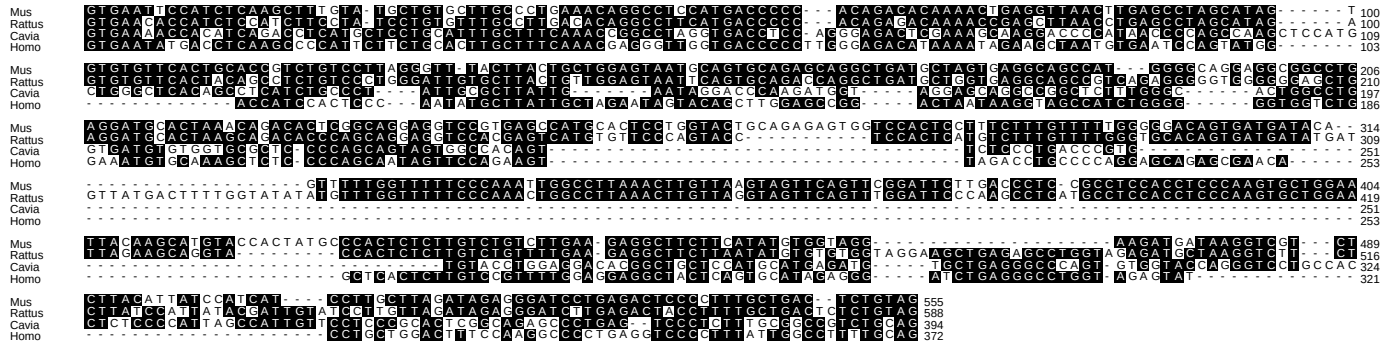
ENSMUSG00000003235 exon 14 (ORF 0)

ENSMUSG00000003235 exon 15 (ORF 0)



ENSMUSG00000003235_intron_14

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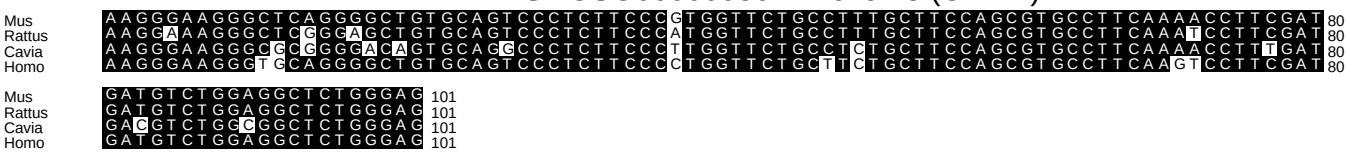
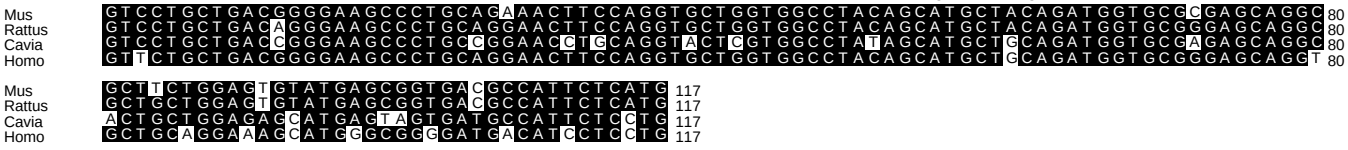
ENSMUSG00000036244 intron 8

Description: TBC1 domain family, member 21 (Tbc1d21)
Intron number: 8
Mouse chromosome: 9
Upstream exon length: 101
Downstream exon length: 117
Mouse intron length: 727
Intron alignment length: 1059
Total murinae branch length: 0.15875
K_score: 0.07153
Scaling factor: 0.71304

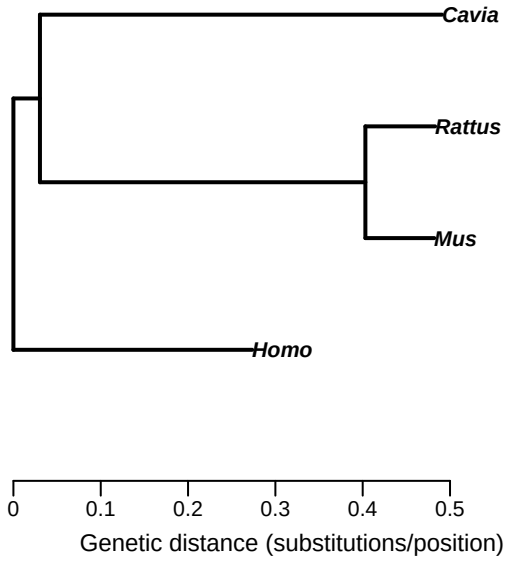
ENSMUSG00000036244 exon 8 (ORF 2)



ENSMUSG00000036244 exon 9 (ORF 0)



ENSMUSG00000036244_intron_8

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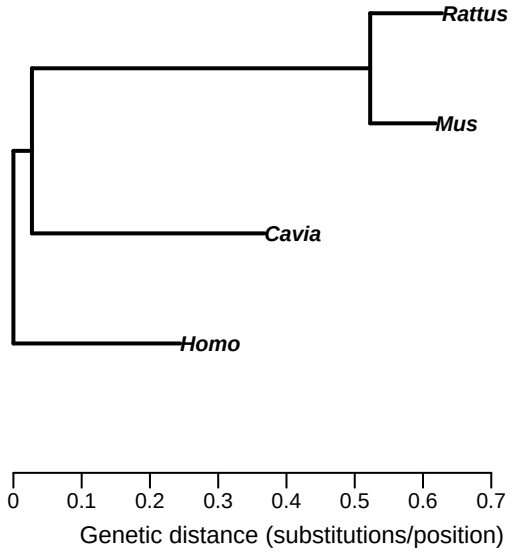
ENSMUSG00000034617 intron 5

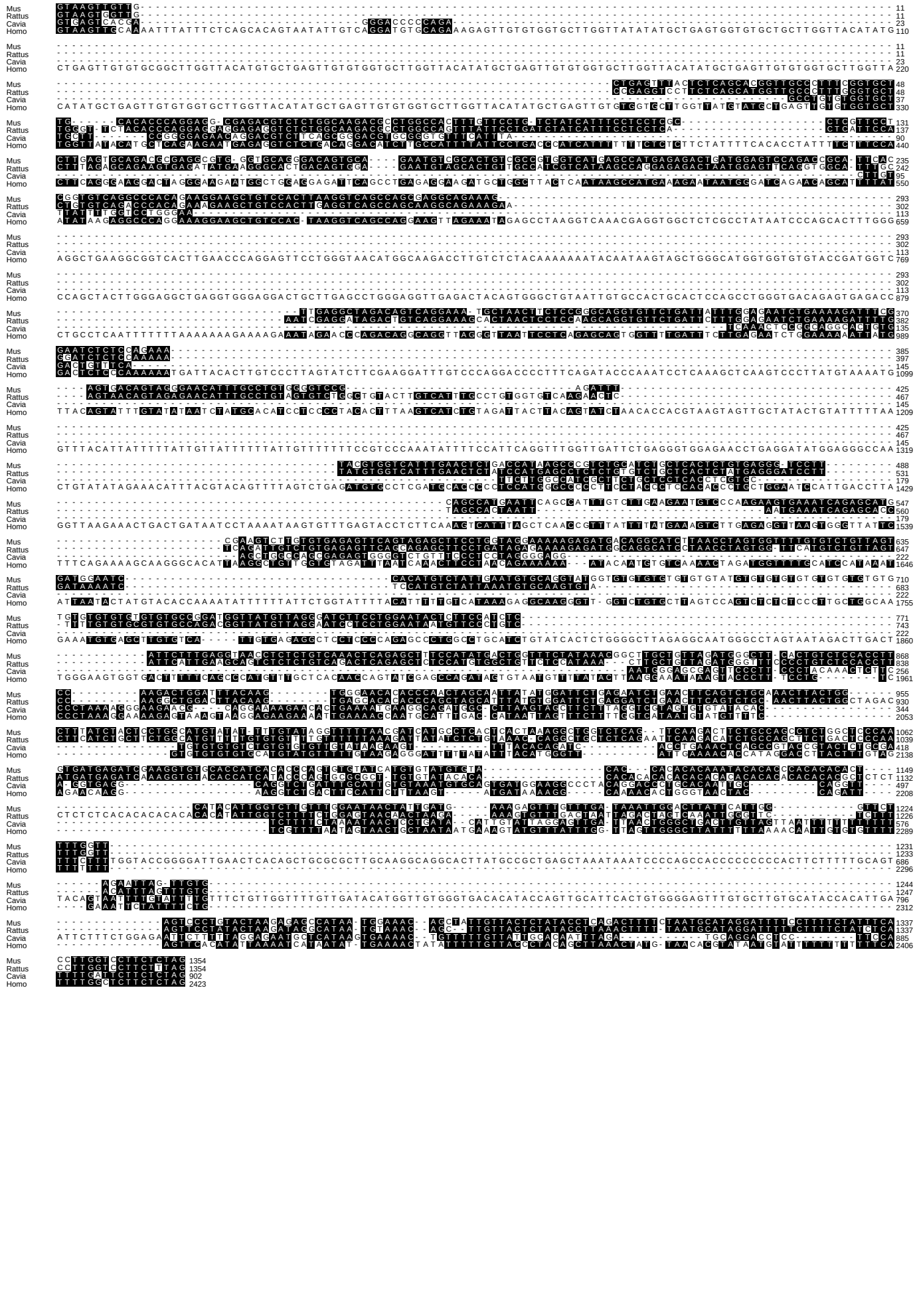
Description: 5-methyltetrahydrofolate-homocysteine methyltransferase redu (Mtrr)
Intron number: 5
Mouse chromosome: 13
Upstream exon length: 123
Downstream exon length: 154
Mouse intron length: 1354
Intron alignment length: 2767
Total murinae branch length: 0.20088
K_score: 0.07083
Scaling factor: 0.71361

ENSMUSG00000034617 exon 5 (ORF 0)

ENSMUSG00000034617 exon 6 (ORF 0)

ENSMUSG00000034617_intron_5




Mus
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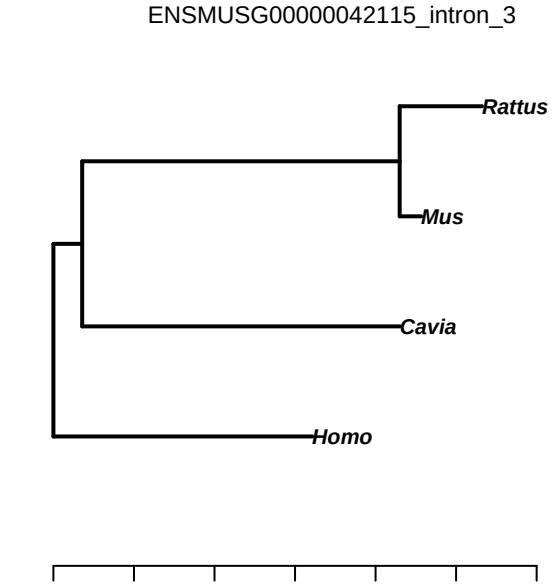
Homo

ENSMUSG00000042115 intron 3

Description: Kelch domain-containing protein 8A (Klhdc8a)
Intron number: 3
Mouse chromosome: 1
Upstream exon length: 216
Downstream exon length: 102
Mouse intron length: 573
Intron alignment length: 668
Total murinae branch length: 0.12898
K_score: 0.08447
Scaling factor: 0.71475

ENSMUSG00000042115 exon 3 (ORF 2)

ENSMUSG00000042115 exon 4 (ORF 2)

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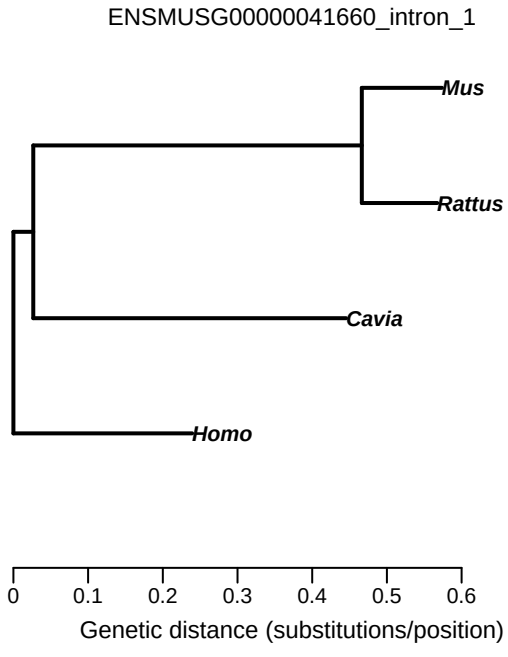
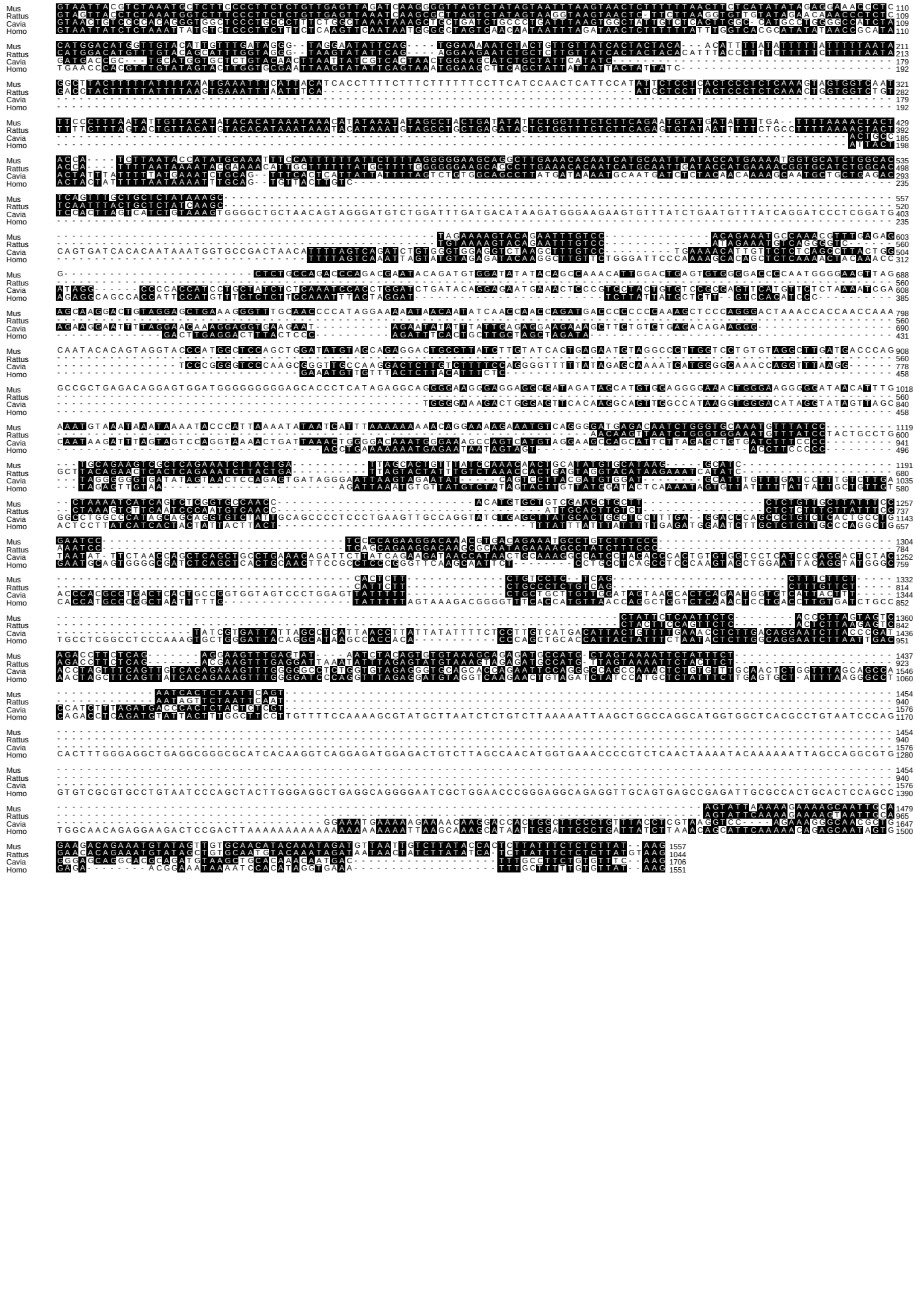
ENSMUSG00000041660 intron 1

Description: Gamma-butyrobetaine dioxygenase (Bbox1)
Intron number: 1
Mouse chromosome: 2
Upstream exon length: 219
Downstream exon length: 115
Mouse intron length: 1557
Intron alignment length: 2500
Total murinae branch length: 0.20839
K_score: 0.03032
Scaling factor: 0.7153

ENSMUSG00000041660 exon 1 (ORF 0)

ENSMUSG00000041660 exon 2 (ORF 0)

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