**Alignment of Rat and Mouse GR Exons**

**Key:** yellow = rat 1/mouse 2, bright green = rat 2/mouse 3, bright blue = rat 3/mouse 4, purple = rat 4/mouse 5, dark blue = rat 5/mouse 6, red = rat 6, mouse 7, dark green = rat 7/mouse 8, grey = rat 8/mouse 9

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Rat     1    TTAATATTTGCCAATGGACTCCAAAGAATCCTTAGCTCCCCCTGGTAGAGACGAAGTCCC  60
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Mouse   1    TTAATATTTGCCAATGGACTCCAAAGAATCCTTAGCTCCCCCTGGTAGAGACGAAGTCCC  60

Rat     61   TGGCAGTTTGCTTGGCCAGGGGAGGGGGAGCGTAATGGACTTTTATAAAAGCCTGAGGGG  120
               ||||||||||||||| |||||||||  |||||  ||||||||  ||||||||  |||||||||
Mouse   61   CAGCAGTTTGCTTGGCCGGGGGAGGGGAAGCGTGATGGACTTGTATAAAACCCTGAGGGG  120

Rat     121  AGGAGCTACAGTCAAGGTTTCTGCATCTTCGCCCTCAGTGGCTGCTGCTTCTCAGGCAGA  180
              ||||||||||||||||||||||||  |||||  ||||||||||||||||||||||||||||||
Mouse   121  TGGAGCTACAGTCAAGGTTTCTGCGTCTTCACCCTCAGTGGCTGCTGCTTCTCAGGCAGA  180

Rat     181  TTCCAAGCAGCAGAGGATTCTCCTTGATTTCTCGAAAGGCTCCA-CAAGCAATGTgcagc  239
             ||||||||||||||||||||||||||||||  ||  ||||||||  ||  ||||||||   |||  ||
Mouse   181  TTCCAAGCAGCAGAGGATTCTCCTTGATTTTTCAAAAGGCT-CAGCAAGCAA--TGC-GC  236

Rat     240  agcgacagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc  299
             |   | ||||||||||||||||||||||||||||||||||||||||||||||||||||  |||||
Mouse   237  A--G-CAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCCGCAGC  293

Rat     300  CAGACTTATCCAAAGCCGTTTCACTGTCCATGGGGCTGTATATGGGAGAGACAGAAACAA  359
             ||||  ||||||||||||||||||||||||||||||  ||||||||||||||||||  |||||||
Mouse   294  CAGATTTATCCAAAGCCGTTTCACTGTCCATGGGACTGTATATGGGAGAGACCGAAACAA  353

Rat     360  AAGTGATGGGGAATGACTTGGGCTACCCACAGCAGGGCCAACTTGGCCTTTCCTCTGGGG  419
             ||||||||||||||||||||||||||||||||||||||||||  ||||||||  ||||||||||
Mouse   354  AAGTGATGGGGAATGACTTGGGCTACCCACAGCAGGGCCAGCTTGGCCTCTCCTCTGGGG  413

Rat     420  AAACAGACTTTCGGCTTCTGGAAGAAAGCATTGCAAACCTCAATAGGTCGACCAG-CGTT  478
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||  ||  |
Mouse   414  AAACAGACTTTCGGCTTCTGGAAGAAAGCATTGCAAACCTCAATAGGTCGACCAGCCG-T  472

Rat     479  CCAGAGAACCCCAAGAGTTCAACGTCTGCAACTGGGTGTGCTACCCCGACAGAGAAGGAG  538
             ||||||||||||||||||||||  |||||  ||||||||||||||||||||||||||||||
Mouse   473  CCAGAGAACCCCAAGAGTTCAACACCTGCAGCTGGGTGTGCTACCCCGACAGAGAAGGAG  532

Rat     539  TTTCCCAAAACTCACTCGGATGCATCTTCAGAACAGCAAAATCGAAAAAGCCAGACC-GG  597
             ||||||  |  ||||||||  |||  ||||||||||||||||||||  ||||||||||  ||  ||
Mouse   533  TTTCCCCAGACTCACTCTGATCCATCTTCAGAACAGCAAAATAGAAAAAGCCAG-CCTGG  591

Rat     598  CACCAACGGAGGCAGTGTGAAATTGTATCCCACAGACCAAAGCACCTTTGACCTCTTGAA  657
             |||||||||  ||||||||||||||||||  ||||||||||||||||||||||||  |||||  |
Mouse   592  CACCAACGGTGGCAGTGTGAAATTGTATACCACAGACCAAAGCACCTTTGACATCTTGCA  651

Rat     658  GGATTTGGAGTTTTCCGCTGGGTCCCCAGGTAAAGACACAAACGAGAGTCCCTGGAGATC  717
             ||||||||||||||||  ||  ||||||||||||||||||  ||||||||||||||||  |||||  ||
Mouse   652  GGATTTGGAGTTTTCTGCCGGGTCCCCAGGTAAAGAGACAAACGAGAGTCCTTGGAGGTC  711

Rat     718  AGACCTGTTGATAGATGAAAACTTGCTTTCTCCTTTGGCGGGAGAAGATGATCCATTCCT  777
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Mouse   712  AGACCTGTTGATAGATGAAAACTTGCTTTCTCCTTTGGCGGGAGAAGATGATCCATTCCT  771
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Rat 778 TCTCGAAGGGGACACGAATGAGGATTGTAAGCCTCTTATTTTACCGGACACTAAACCTAA 837
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Rat 838 AATTAAGGATACTGGAGATACAATCTTATCAAGTCCCAGCAGTGTGGCACTGCCCCAAGT 897
Mouse 832 AATTCAGGATACTGGAGATACAATCTTATCAAGCCCCAGCAGTGTGGCACTGCCCCAAGT 891
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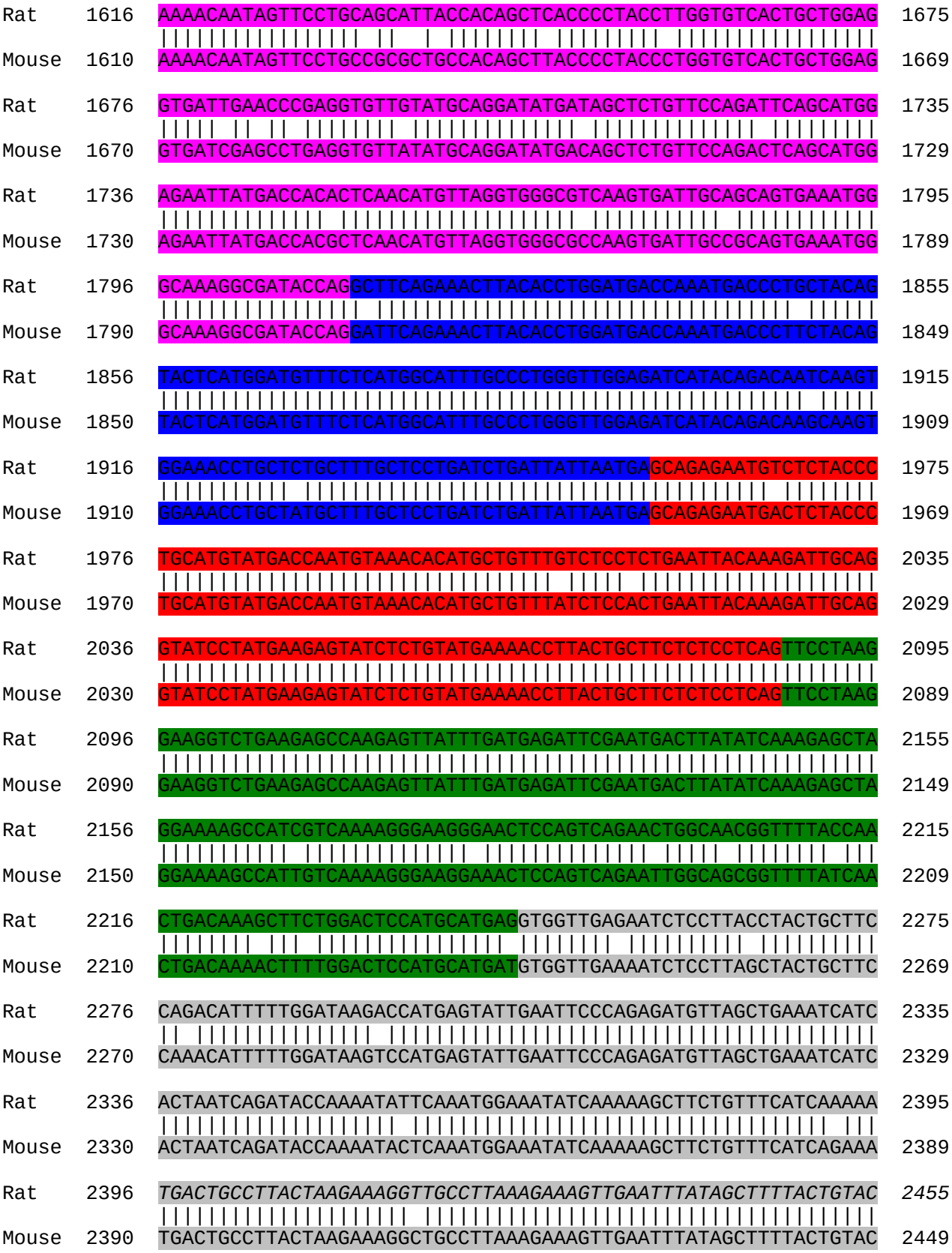
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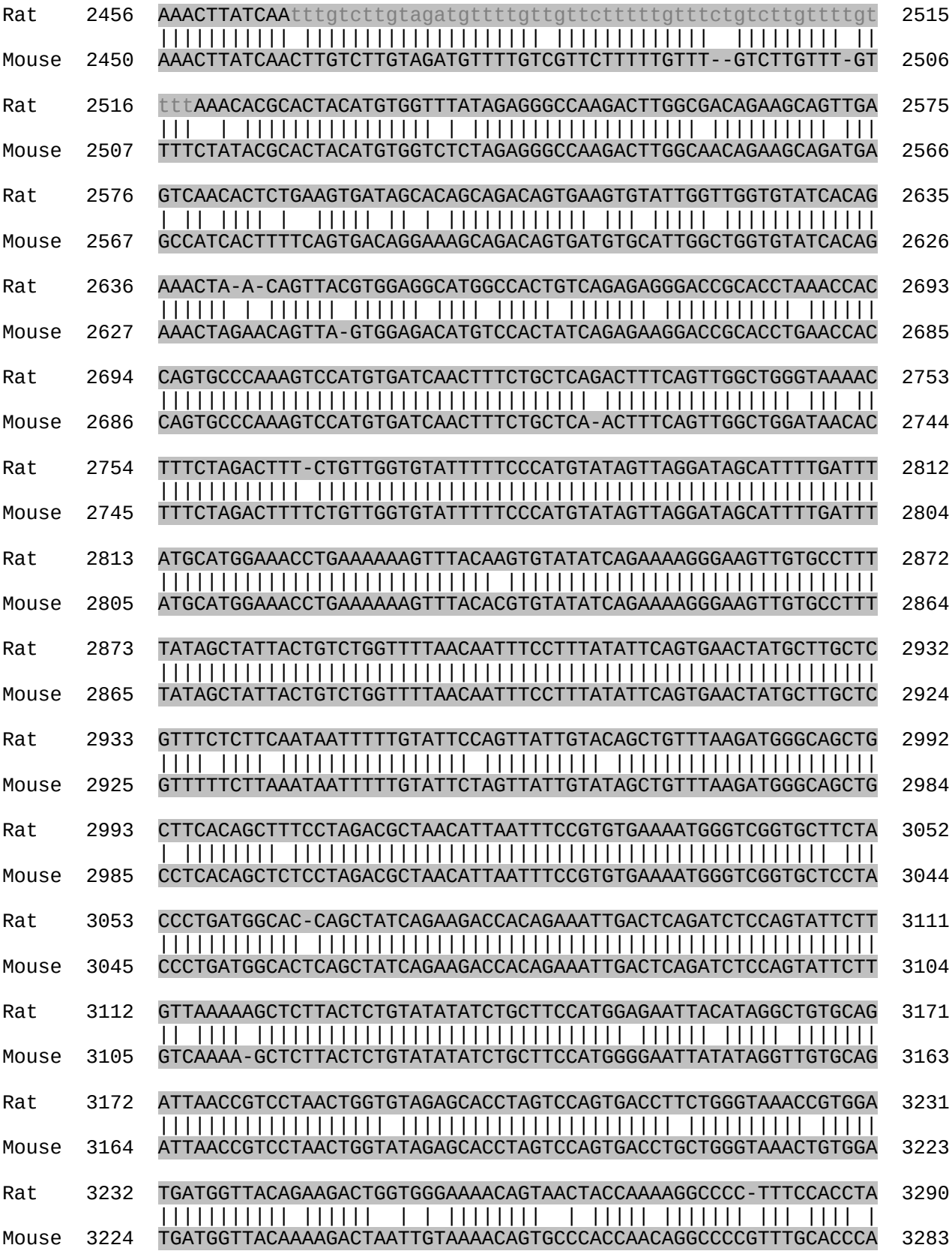
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Rat 2993 CTTCACAGCTTTCCTAGACGCTAACATTAATTTCCGTGTGAAAATGGGTCGGTGCTTCTA 3052
Mouse 2985 CCTCACAGCTCTCCTAGACGCTAACATTAATTTCCGTGTGAAAATGGGTCGGTGCTCCTA 3044
Rat 3053 CCCTGATGGCAC-CAGCTATCAGAAGACCACAGAAATTGACTCAGATCTCCAGTATTCTT 3111
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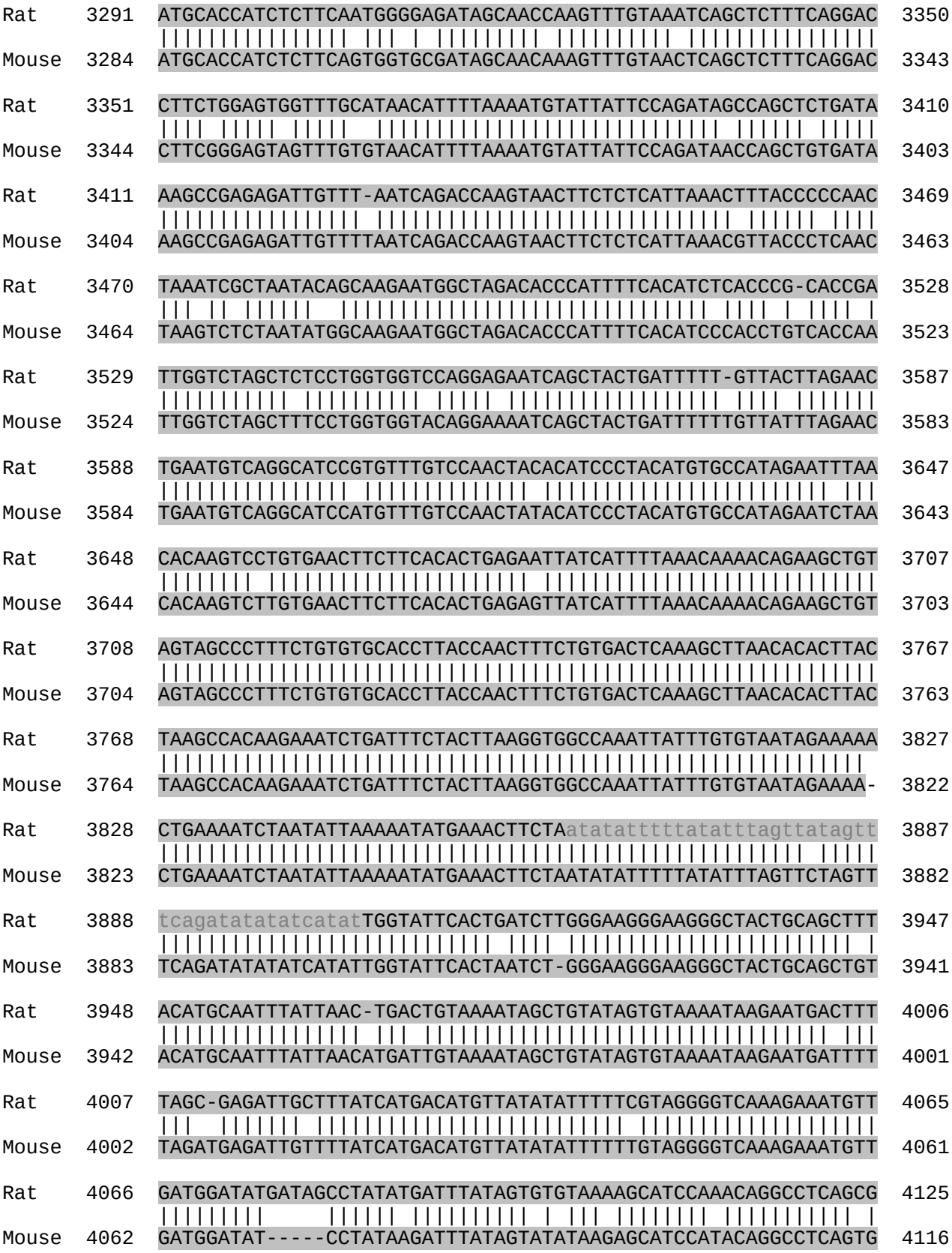
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Rat    4126  CTCTTGGAAATTAAAACACCTTTGTTCTAAGCTAGGGA-AGGGAGCTGGAGACTGGCCCT  4184
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Mouse  4117  GTCTTGGAAATTAAAACAGGTTTGCTCTAAGCTAGGGAGAGGGAGCTGG-GACTGGCCCT  4175

Rat    4185  GTGTGCACTGGAGGTTCTGAGGCTTGGACCCAAG-AGACCACAGGGGATCTAATTCCCCA  4243
             |||||||  ||  ||||  ||||||  ||  |||||  |   |||  |||||||||  |||||||||
Mouse  4176  GTGTGCAGTGCAGGTCCTGAGGGTTTGACCCGATCAGATCACAGGGGAACTAATTCCC-  4233

Rat    4244  CCTCCCATTCTAACCATCCTCATCC-ACCCATGACCCTGTCAGTGCAGGTTTGGTTATTA  4302
               ||||||  ||||||||||||||||  |||  |||  ||||||||||||||| | ||  | |||
Mouse  4234  --TCCCAT-CTAACCATCCTCATCCGACC-ATGGCCCTGTCAGTGCAGGCT-GGCT-TTA  4287

Rat    4303  AATCCCCCGTTGCACTAACATAAACAGGACAGAAGGGTGGCGCTCACGT-CGTTCTAGGC  4361
               |       |    |  ||  |    ||||||||||  |||||||||  | ||  | ||  ||||
Mouse  4288  --T------T---A--AA--TC--CAGGACAGAAAGGTGGCGCTTATGTAC-TTAGAGGC  4329

Rat    4362  GCCGTC-AGTAGCAGGGTTATTTTCC-CATGCAGCCTCCCCACAGGTTAGCAGAGG--GA  4417
             |||||  ||||  |||||||  ||   ||  ||||||||||||  |||  |||||  ||||     ||
Mouse  4330  ACCGTCCAGTAACAGGGTTGTTC-CCACATGCAGCCTCCGCACGGGTTAACAGAAACAGA  4388

Rat    4418  GGCTTTGGAAGTTTGGCGATGGCGTGCATAGAGGCACCAGCAACATGTAAAC-CTAAAGA  4476
             ||||||  ||||||||||  ||    ||||||||||   |||||||  |||||||   |||||||
Mouse  4389  GGCTTTAGAAGTTTGGCAATAATGTGCATAGAGGTTCCAGCAATATGTAAATACTAAAGA  4448

Rat    4477  GCC-CATAGGAAGCCAGGAATACACTAATCCTCCCCACCCTTCAACAGTCCATTTCCAAG  4535
               | ||||||||||||   ||||||||||||||| |||  |||  |||  ||||||||||||||
Mouse  4449  ATCGCATAGGAAGCCAATAATACACTAATCCTCTCCATCCTACAAGAGTCCATTTCCAAG  4508

Rat    4536  TAAGATGAGGACATGCTTATGTTTTCTTTGAATGCTTTTTGAATGTTGTTATTTTCAGTA  4595
             ||||||||||||||| ||||||||||||||||||||||||||||||||||||||||||||||
Mouse  4509  TAAGATGAGGACATGTTTATGTTTTCTTTGAATGCTTTTTGAATGTTGTTATTTTCAGTA  4568

Rat    4596  TTTTGCAGAAATTATTTAATAAAAAA--GTATAATCATTTGCTTTTTGAATTCTCTCTAA  4653
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Mouse  4569  TTTTGCAGAAATTATTTAATAAAAAAAAGTATAATCATTTGCTTTTTGAATTCTCTCTAA  4628

Rat    4654  AAGGGATTGTTCAGTTTGTAATGGTTTAAATTGGTCTCAAAGTACTTTAAGATAATTGTA  4713
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Rat    4714  ACCCAGCTGGATGTGAAATTTATGGTGCCTAAGAAATACCACTTGAATATTATCAATGAC  4773
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Rat    4774  AGTGTTAAGTTTTAAAATGAGCTTCTCAAAAATAGATTATTGTACATTTATGGAATGTTA  4833
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Rat    4834  TATGGTTAAACCCAAAAAAGCACATCACACATAAATCTGCTTTCAGTCCCAACCAGCTTG  4893
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Rat    4894  GCTTTCaaaaatagagctccaaaaacgaaaaaggagaagaaaaagaTATATATGCGTTGT  4953
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Rat    4954  TATTAACAGAAGGCAACAGACATTCATAAAACTACTACCGGAAGCTTTCC-TT-GAAGCG  5011
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Rat    5012  TATAAAGAGCCATGCTCCTTTAGTATGTGGGGAAGAAGAGAGCTGTCATAGTT-T--T-G  5067
             |||||||||| || | | ||| ||||||||| ||||||| |||||||||| || |   | |
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Rat    5068  AGTACA-GTGAGA-AGATGCGGTACTGT-------C---TCCGT----G--TGTGGCTTC  5109
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Rat    5110  ATACCGTTCCTAACTATTTAGGTTT-ATAATAACTTCAGTGAGACTTGGTGACATGCCTG  5168
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Mouse  5101  ATACCGTTCCAAACTATGTAGATTTTATAATAGCTTCAGTGAGAATTGGTAACATGCCTG  5160

Rat    5169  TATGACTCATGACCGATCTTGAAAGA-TATCTTTAATTACTGGTAGGACAAAAAGGGACA  5227
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Rat    5228  CTCTGGTTATTTTAGGC-CTTGGCTTGGGATACTGTATATGCAGAAGAAAGGAGACAGGA  5286
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Rat    5287  AA-CTTGGGGAAGGGAAGGGAACCTAGGAAGCACTGCCTTCTGTAAGGAAAGACACACCA  5345
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Rat    5346  ATA-AGTGAGA-CTACCCCAAAGGGACAAGG-CCACACAGTGTGGGGTC-TAAG-GATGA  5400
             |||  |  |||||  |  |||||||| |||  ||  |||||  ||||||  |  ||  ||  ||  ||
Mouse  5338  ATAGA-TGAGATC-ATCCCAAAGGCACAGGGACCACAGAGTGTGAG-TCCTTAGTGACGA  5394

Rat    5401  GTCAGGGTGAGCTCTGGTGGGCATGGAGAAGCCAGCAACTCCAGTGCTACAGAGCAGGGC  5460
             ||||||  ||||||||||||| ||  |||||||||||||   | ||||   | |  ||||||| |
Mouse  5395  GTCAGG-TGAGCTCTGGTGAGCTTGGAGAAGCCAGCCCCACCAG--C-A--GAGCAGG-C  5447

Rat    5461  AGGGCAGGGATGGGACAAG-ATGGGACGAGGATTCCCGCTGGATCCCAG-TCCCAGTAGT  5518
             | |||||||||||||||| | ||||||||   |||||  ||||||  | | | ||||||||  |
Mouse  5448  ACGGCAGGGATGGGACAAGCA-GGGACGACAATTCCAGCTGGA-CACTGGTCCCAGTATT  5505

Rat    5519  TTGCTCCCTCTTATTTACCATGAGGCAGTATGACCATGGGATGAACCATGGTAGTA--TT  5576
             |||||||||||||| ||||  |||||||||||  |||  |||||||||||||||||  |   ||
Mouse  5506  TTGCTCCCTCTTATATACCGTGAGGCAGTATCACCGTGGGATGAACCATGGTAGCACGTT  5565

Rat    5577  --GATCTGTCAGCACTCAAGGATCATGGTAGCCTTCAGGAGCTTGAGATTCCGGTTGGTC  5634
               |||||||||||||||||||||||||||||||||||||  |||||||  ||  ||  ||||||||
Mouse  5566  TTGATCTGTCAGCACTCAAGGATCATGGTAGCCTTCGGGAGCTTTAGGTTTTGGTTGGTC  5625

Rat    5635  ACCCCAACGGTAAGCTGGAGTTGAATGTGTTTCTTATGTGCCTGGTTTCAGTGTTAGAAG  5694
             |||||||||  | |||||  ||||||||||||||||||||||||||||||||||||||||
Mouse  5626  ACCCCAACGATCAGCTGTAGTTGAATGTGTTTCTTATGTGCCTGGTTTCAGTGTTAGAAG  5685

Rat    5695  GTGAAACAGAGTGTACAGAAG-ACACTGCAAACCGCTTCAGATGGAAGTCTTCTCATTC-  5752
             ||||||  |||||||  ||  |||  ||||||||||||  ||||  |||||||||  ||||||||
Mouse  5686  GTGAAATAGAGTGTGCA-AAGGACACTGCAAACCACTTCGGATGGAAGTTTTCTCATTTT  5744
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Rat    5753  CCAGACTATTTTCAGTCAGCCTGCTCTATCAGGA-CTGGTGACCAGGTCGTCAGGACAGG  5811
             |||||||||||||| ||||||||| ||||||| || | ||| ||||||||| |||||| |||
Mouse  5745  CCAGACTATTTTCGGTCAGCCTGGTCTATCAAGATC-GGTAACCAGGTCTTCAGGAAAGG  5803

Rat    5812  GTCGGCTTCTGTCTAGAATATGCCTGAAAGGATTTTATTTTCTGATAAATGGCTGTATGA  5871
             || |||||||  |||||  | ||||||||||||||||||||||||||||||||||||||||
Mouse  5804  GTTGGCTTCTATCTAGGACATGCCTGAAAGGATTTTATTTTCTGATAAATGGCTGTATGA  5863

Rat    5872  AAATACCCTCCTCAATAACCTGCTTAACTACATAGAGATTTCAGTGTGTCAATATTCTAT  5931
             ||||||||||||  ||||  |||||||||||||||  |||||||||||||||||||||||||
Mouse  5864  AAATACCCTCCTAAATACCCTGCTTAACTACATATAGATTTCAGTGTGTCAATATTCTAT  5923

Rat    5932  TTTGTATATTAAACAAAGGCTATATAATGGGGACAAATCTATATTATACTGTGTATGGCA  5991
             ||||||||||||||||  ||||||||||||||||||||||||||||||||||||||||||
Mouse  5924  TTTGTATATTAAACAAATGCTATATAATGGGGACAAATCTATATTATACTGTGTATGGCA  5983

Rat    5992  TTATTAAGAAGCTTTTTCATTATTTTTTATCACAGtaatttttaaatgtgtaaaaaatta  6051
             |||||||||||||||||||||||||||||||||||||||||||||||||||||||||| |||
Mouse  5984  TTATTAAGAAGCTTTTTCATTATTTTTTATCACAGTAATTTTTAAATGTGTAAAAA-TTA  6042

Rat    6052  aaaaccagtgactcctgtttaaaaataaaaGTTGTAGTTTTTTATTCATGCTGAATAACC  6111
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Mouse  6043  AAAACCAGTGACTCCTGTTTAAAAATAAAAGTTGTAGTTTTTTATTCATGCTGAATAACC  6102

Rat    6112  TGTAGTTTAAAAATCTGTCTTTCTACCTACACAGTGAAATGTCAGACTGTAAAATTTTGT  6171
             |||||||||||||  ||||||||||||  ||||||||||  ||||||||||||||||  ||||||
Mouse  6103  TGTAGTTTAAAAACCTGTCTTTCTAC-TACACAGTGAGATGTCAGACTGTAAAGTTTTGT  6161

Rat    6172  GTGGAAATGTTTAACTTTTATTTTTCATTTAAATTTGCTGTTCTGGTATTACCAAACCAC  6231
             |||||||||||||||||||||||||||||  ||||||||||||||||||||||||||||||
Mouse  6162  GTGGAAATGTTTAACTTTTATTTTTCATTTCAATTTGCTGTTCTGGTATTACCAAACCAC  6221

Rat    6232  ACATTTGTACTGAATTGGCAGTAAATGTTAGTCAGCCATTTACAGCAATGCCAAATATGG  6291
             |||||||||  ||||||||||||||||||||||||||||||||||||||||||||||||||
Mouse  6222  ACATTTGTAATGAATTGGCAGTAAATGTTAGTCAGCCATTTACAGCAATGCCAAATATGG  6281

Rat    6292  ATAAACATCATAATAAAAATATCTGCTTTTTCAT  6325
             |||||||||||||||||  ||||||||||||||
Mouse  6282  ATAAACATCATAATAAAAGTATCTGCTTTTTCAT  6315
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