

Figure 1 Supplementary Material
De Maria et al., 2004

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Felis          GCCAGCCCTGTGACGTCCATCATTGCTGCTGGTGGGCATTCTGCTGGTCTGGTGTG 60
Homo          GCCAGCCCTGTGACGTCCATCCTCTGCGGTGGTGGCATTCTGCTGGTCTGGTCTTG 2175
Canis        GCCAGCCCTGTGACATCCATCATTGCCGCTGTGGTGGGCATTCTGCTGGTCTGGTCTG 1998
Rattus       GCCAGCCCGGTGACATTCATCATTGCAACTGTAGTGGGCGTCTGCTGTTTCTGATCTTA 2119
Mus          GCCAGCCAGTGACATTCATCATTGCAACTGTGGTGGGCGTCTGTTGTTCTGATCATA 2153
Mesocricetus GCCAGCCCGGCGACTTCCATCATCGCAACGGTGGTGGGCATCTGTTGTTCTGGTCTATA 2033
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Felis          GGGTGGTCTTGGCATCCTAATCAAGCGAAGGCGGCAGAAGATCCGGAAGTACACGATG 120
Homo          GGGGTGGTCTTGGGATCCTCATCAAGCGACGGCAGCAGAAGATCCGGAAGTACACGATG 2235
Canis        GGGTGGTCTTGGGATCCTCATCAAGCGAAGGCGGCAGAAGATCCGGAAGTACACTATG 2058
Rattus       GTGGTGGTCTTGGAAATCCTAATCAAAACGAAGGAGACAGAAGATCCGGAAGTATACGATG 2179
Mus          GTGGTGGTCTTGGAAATCCTAATCAAAACGAAGGCGACAGAAGATCCGGAAGTATACCATG 2213
Mesocricetus GGGGTGGTCTTGGGATCCTCATCAAGAGAAGGCGGCAGAAGATCAGAAAGTACACAATG 2093
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Felis          CGGAGGCTGTGACAGGAGACGGAGCTGGTGGAGCCCTGACGCTAGTGGAGCCATGCC 180
Homo          CGGAGACTGTCTGACGAAACGGAGCTGGTGGAGCCCTGACACCTAGCGGAGCATGCC 2295
Canis        CGGAGGCTGTGACGAAACGGAGCTGGTGGAGCCCTGACGCTAGTGGAGCCATGCC 2118
Rattus       CGTAGGCTGTGACGAAACTGAGTTAGTGGAGCCCTGACGCCCAGCGGAGCAATGCC 2179
Mus          CGTAGGCTGTGACGAGACCGAGCTGGTGGAGCCCTGACGCCCAGTGGAGCTGTGCC 2273
Mesocricetus CGAAGGCTGTGACGAAACTGAGCTAGTGGAGCCCTGACGCCCAGTGGAGCCATGCC 2153
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Felis          AACCAGGCTCAGATGCGAATCCTGAAAGAAACAGAGCTGAGGAAGGTGAAGGTGCTTGA 240
Homo          AACCAGGCGCAGATGCGGATCCTGAAAGAGACGGAGCTGAGGAAGGTGAAGGTGCTTGA 2355
Canis        AACCAGGCTCAGATGCGGATCCTGAAAGAGACAGAGCTGAGGAAGGTGAAGGTGCTTGA 2178
Rattus       AACCAGGCTCAGATGCGGATCCTAAAGAGACGGAGCTAAGGAAGGTGAAGGTGCTTGA 2239
Mus          AACCAGGCTCAGATGCGGATCCTAAAGAGACAGAGCTAAGGAAGGTGAAGGTGCTTGG 2333
Mesocricetus AACCAGGCTCAGATGCGGATCCTAAAGAGACCGAGCTAAGGAAGGTGAAGGTGCTTGA 2213
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Felis          TCCGGAGCTTTTGGCACTGTCTACAAGGGCATCTGGATCCCTGATGGGGAAAATGTGAAA 300
Homo          TCTGGCGCTTTTGGCACAGTCTACAAGGGCATCTGGATCCCTGATGGGGAGAATGTGAAA 2415
Canis        TCCGGAGCTTTTGGCACAGTCTACAAGGGCATCTGGATCCCTGATGGGGAAAATGTGAAA 2238
Rattus       TCAGGAGCTTTTGGCACTGTCTACAAGGGCATCTGGATCCAGATGGGGAGAATGTGAAA 2299
Mus          TCAGGAGCTTTTGGCACTGTCTACAAGGGCATCTGGATCCAGATGGGGAGAACGTGAAA 2393
Mesocricetus TCAGGAGCTTTTGGCACTGTCTACAAGGGCATCTGGATCCAGATGGGGAGAACGTGAAA 2273
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Felis          ATCCAGTGGCCATCAAAGTGTGAGGGAAAATACATCTCCCAAAGCCAACAAAGAAATC 360
Homo          ATTCCAGTGGCCATCAAAGTGTGAGGGAAAACACATCCCCAAAGCCAACAAAGAAATC 2475
Canis        ATCCAGTGGCCATCAAAGTGTGAGGGAAAACACATCTCCCAAAGCCAACAAAGAAATC 2298
Rattus       ATCCCGTGGCTATCAAGGTGTGAGAGAAAACACATCTCCTAAAGCCAACAAAGAAAT 2359
Mus          ATCCCGTGGCCATCAAAGTGTGAGGGAAAACACATCTCCTAAAGCTAACAAAGAAATC 2453
Mesocricetus ATCCCGTGGCCATCAAAGTGTGAGGGAAAACACATCCCTAAAGCTAACAAAGAAATC 2333
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Felis          TTGGACGAAGCGTATGTGATGGCTGGCGTGGGCTCCCATATGTGTCTCGCCTTCTGGGC 420
Homo          TTAGACGAAGCATACTGATGGCTGGTGTGGGCTCCCATATGTGTCTCCCGCTTCTGGGC 2535
Canis        TTGGACGAAGCATACTGATGGCTGGAGTGGGCTCCCGTATGTGTCCCGCTCCTGGGC 2358
Rattus       CTAGATGAAGCGTATGTGATGGCTGGTGTGGGTTCTCCGATGTGTCCCGCTCCTGGGC 2419
Mus          CTAGATGAAGCGTACGTATGGCTGGTGTGGGTTCTCCATATGTGTCCCGCTCCTGGGC 2513
Mesocricetus CTAGATGAAGCATACTGATGGCTGGTGTGGGTTCTCCATATGTGTCCCGCTCCTGGGC 2393
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Felis          ATCTGTCTGACATCCACCGTGCAGTTGGTGCACAGCTTATGCCTTATGGCTGCCTCTTA 480
Homo          ATCTGCCTGACATCCACCGTGCAGCTGGTGCACAGCTTATGCCTTATGGCTGCCTCTTA 2595
Canis        ATCTGCCTGACATCCACCGTGCAGCTGGTGCACAGCTTATGCCTTACGGCTGCCTCTTA 2418
Rattus       ATCTGCCTGACATCCACAGTACAGCTGGTGCACAGCTTATGCCTTACGGCTGCCTCTTG 2479
Mus          ATCTGCCTGACATCCACAGTGCAGCTGGTGCACAGCTTATGCCTTATGGCTGCCTCTTG 2573
Mesocricetus ATCTGCCTGACATCCACAGTGCAGCTGGTGCACAACTTATGCCTTATGGCTGCCTCTTG 2453
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Felis          GACCATGTCCGAGAACACCGTGGGCGCCTAGGCTCCAGGACCTGCTGAACTGGTGTGTG 540
Homo          GACCATGTCCGGGAAAACCGGAGCAGCTGGGCTCCAGGACCTGCTGAACTGGTGTGTG 2655
Canis        GACCATGTCCGAGAACACCGTGGGCGCCTGGGCTCCAGGACTGTGAACTGGTGTGTG 2478
Rattus       GACCATGTCCGAGAACACCGAGGTGCGCTAGGCTCCAGGACCTGCTCAACTGGTGTGTT 2539
Mus          GACCATGTCCGAGAACACCGAGGTGCGCTAGGCTCCAGGACCTGCTCAACTGGTGTGTT 2633
Mesocricetus GACCATGTCCGAGAGCACCGAGTGCCTGGGCTCTCAGGACCTGCTCAACTGGTGTGTT 2513
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Felis CAGATTGCCAAGGGGATGAGCTACTTGGAGGATGTTCGGCTCGTGACAGGGACCTGGCT 600
Homo CAGATTGCCAAGGGGATGAGCTACCTGGAGGATGTGCGGCTCGTACACAGGGACCTGGCC 2715
Canis CAGATTGCCAAGGGGATGAGCTACTTGGAGGATGTCCGGCTGGTGCACAGGGACCTGGCT 2538
Rattus CAGATTGCCAAGGGGATGAGCTACCTGGAGGACGTGCGGCTTGTACACAGGGACCTGGCT 2599
Mus CAGATTGCCAAGGGGATGAGCTACCTGGAGGAAGTTCGGCTTGTTCACAGGGACCTAGCT 2693
Mesocricetus CAGATTGCCAAGGGCATGAGCTACCTGGAGGATGTACGGCTCGTGACAGGGACCTGGCT 2573
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Felis GCCCGAACGTGCTGGTCAAGAGTCCCAACCACGTCAAGATTACAGATTTGGGGTGGCT 660
Homo GTCGGAACGTGCTGGTCAAGAGTCCCAACCACGTCAAAAATTACAGACTTCGGGCTGGCT 2775
Canis GCCCGAATGTGCTGGTCAAGAGTCCCAACCACGTCAAGATTACAGATTTGGGGTGGCT 2598
Rattus GCCCGAATGTGCTAGTCAAGAGTCCCAACCACGTCAAGATTACAGATTTGGGGTGGCT 2659
Mus GCCCGAACGTGCTAGTCAAGAGTCCCAACCACGTCAAGATTACAGACTTCGGGCTGGCA 2753
Mesocricetus GCCCGAATGTGCTGGTCAAGAGTCCCAACCACGTCAAGATTACAGACTTTGGGGTGGCA 2633
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Felis CGGCTGCTGGACATTGACGAGACAGAGTACCATGCGGATGGGGCAAGGTGCCCATCAAG 720
Homo CGGCTGCTGGACATTGACGAGACAGAGTACCATGCAGATGGGGCAAGGTGCCCATCAAG 2835
Canis CGGTTGCTGGACATCGACGAGACAGAGTACCATGCGGATGGGGCAAGGTGCCCATCAAG 2658
Rattus CGGCTGCTGGACATTGATGAGACAGAGTACCATGCAGATGGGGCAAGGTGCCCATCAAA 2719
Mus CGGCTGCTGGACATTGATGAGACTGAATACCATGCAGATGGGGCAAGGTGCCCATCAAG 2813
Mesocricetus CGGCTGCTGGATATTGATGAGACAGAGTACCATGCAGACGGGGCAAGGTGCCCATCAAA 2693
*** ** **

Felis TGGATGGCGTGGAGTCCATTCTCCGCGGCGGTTACCCATCAGAGTGATGTGTGGAGC 780
Homo TGGATGGCGTGGAGTCCATTCTCCGCGGCGGTTACCCACCAGAGTGATGTGTGGAGT 2895
Canis TGGATGGCGTGGAGTCCATTCTCCGCGGCGGTTACCCACCAGAGTGATGTGTGGAGC 2718
Rattus TGGATGGCATTGGAATCTATTCTCAGACGCGGTTACCCATCAGAGTGATGTGTGGAGC 2779
Mus TGGATGGCATTGGAATCTATTCTCAGACGCGGTTACCCATCAGAGTGATGTGTGGAGC 2873
Mesocricetus TGGATTGCATTGGAATCCATTCTCGACGCGGTTACCCATCAGAGTGATGTGTGGAGC 2753
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Felis TACGGTGTGACTGTATGGGAAGTACTTTTGGGGCCAAACCTTATGATGGGATCCCA 840
Homo TATGGTGTGACTGTGTGGAGCTGATGACTTTTGGGGCCAAACCTTACGATGGGATCCCA 2955
Canis TATGGTGTGACTGTGTGGGAAGTACTGACTTTTGGGGCCAAACCTTATGATGGGATCCCA 2778
Rattus TATGGAGTACTGTGTGGAGCTGATGACTTTTGGGGCCAAACCTTACGATGGAATCCCA 2839
Mus TATGGTGTGACTGTGTGGAGCTGATGACTTTTGGGGCCAAACCTTACGATGGGATCCCA 2933
Mesocricetus TATGGTGTGACTGTGTGGAGCTGATGACTTTTGGGGCCAAACCTTACGATGGGATCCCA 2813
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Felis GCCCGGAGATTCCTGACCTGGTGGAGAAGGGGAACGGCTGCCCCAGCCCCCATCTGC 900
Homo GCCCGGAGATCCCTGACCTGCTGGAAAAGGGGAGCGGCTGCCCCAGCCCCCATCTGC 3015
Canis GCCCGGAGATCCCTGACCTGCTGGAGAAGGGGAACGGCTGCCCCAGCCCCCATCTGC 2838
Rattus GCCCGGAGATCCCTGATTTGCTGGAGAAGGGGAACGCTACCTCAGCCTCCAATCTGC 2899
Mus GCTCGGAGATCCCTGATTTGCTGGAGAAGGGGAACGCTACCTCAGCCTCCAATCTGC 2993
Mesocricetus GCCCGGAGATCCCTGACTTGCTGGAGAAGGGGAACGCTTGCTCAGCCTCCAATCTGC 2873
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Felis ACCATTGATGTC 912
Homo ACCATTGATGTC 3027
Canis ACCATTGATGTC 2850
Rattus ACCATTGATGTC 2911
Mus ACCATCGACGTC 3005
Mesocricetus ACTATCGATGTC 2885
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