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rat_BDNF      AG--AGGGTAAGAGTGGAGTAGAGACTAAGAGTTTAGGTGAGGATAGGGGTGGAGTTGGG 1636
mouse_BDNF    AG--AGGGTAAGAGTGGGTTAGAGACTAAGAGTTTAGGTGAGGATAGTGGTGGAGTTGGG 1627
              **      *****      ** * ** *      *****      * * * * *

human_BDNF    GGGGAGAGAAATAAGTCAGAAGTGCATATCACCGGT--AATGGGTAATCCTCTCGTAGAA 1702
rat_BDNF      GGAGAGAGGAATAAGTCAGAAGTGCCTATCTATAATGAAATGGGTAATGCTCTCATAACAT 1696
mouse_BDNF    GCGGAGAGGAATAAGTCAGAAGTGTCTATCTATAATGAAATGGGTAATGCTCGCATAACGT 1687
              **      *****      *****      *      *****      * * *

human_BDNF    GAAAAGGTTCTCATCAACATGTGATCAACTATTAACAGGATGGCTTTGGCAAAGCCATCC 1762
rat_BDNF      GGAAAGGTTCTCATCAACATGTGATCAACTATTAACAGGATGGCTTTGGCAAAGCCATCC 1756
mouse_BDNF    GGAAAGGTTCTCATCAACATGTGATCAACTATTAACAGGATGGCTTTGGCAAAGCCATCC 1747
              *      *****      *****

              ▼          ▼▼
human_BDNF    GCACGTGACAAAACCGTAAGGAAGTGAAGAAACCGTCTAGAGCAATATCAAGTATCACTT 1822
rat_BDNF      GCACGTGACAAAACGTAAGGAAGTGAAGAAACCGTCTAGAGCAATATCAAGTACCCTT 1816
mouse_BDNF    ACACGTGACAAAACGTAAGGAAGTGAAGAAACCGTCTAGAGCAATATCAAGTACCCTT 1807
              *****      *****      *****

              ▼          ▼          ▼
human_BDNF    AATTAGAGA---TTTTTAAGCCTTTTCCCTCCTGCTGTGCCGGGTGTGTAATCCGGGCGA 1878
rat_BDNF      AATTAGAGAATATTTTTTTTAACTTTTCCCTCCTGCTGCGCCGGGTGTGTGATCCGGGCGA 1876
mouse_BDNF    AATTAGAGAATATTTTTTTTAACTTTTCCCTCCTGCTGCGCCGGGTGTGTGATCCCGGAGA 1867
              *****      ***** *      *****      * *      *****      * * *

human_BDNF    TAGGAGTCCATTAGCACCTTGGACAGAGCCAAACGGATTTGTCCGAGGTGGCGGTACCC 1938
rat_BDNF      GCAGAGTCCATTAGCACCTTGGACAGAGCCAGCGGATTTGTCCGAGGTGGTAGTACTTC 1936
mouse_BDNF    GCAGAGTCCATTAGCACCTTGGACAGAGCCAGCGGATTTGTCCGAGGTGGTAGTACTTC 1927
              *****      *****      *****      *****

human_BDNF    CAGTGTAGTCTTCTTGGCCCCGCTGTAAAGCCAACCCCTGTGTGCGCCCTTAAAAAGCGTCTT 1998
rat_BDNF      ATCCAGTGTATCTTTTCCCTCGCTGTCAAGCCAACCCGGTGTGCGCCCTTAAAAAGCGTCTT 1996
mouse_BDNF    ATCCAGTGTATCTTTTCCCTCGCTGTCAAGCCAACCCGGTGTGCGCCCTTAAAAAGCGTCTT 1987
              **      *****      *      *****      *****      *****

              ▼▼○○          ▼          ▼          ○○
human_BDNF    TTCTGAGGTTCCGGCTCACACTGAGATCGGGGCTGGAGAGAGAGTCAAGTATTTGGAGCGGA 2058
rat_BDNF      TTCCGAGGTTCCGGCTCACACTGAGATCGGGGCTGGAGAGAGAGTCAAGTATTTGGAGCGGA 2056
mouse_BDNF    TTCCGAGGTTCCGGCTCACACTGAGATCGGGGCTGGAGAGAGAGTCAAGTATTTGGAGCGGA 2047
              ***      *****      *****      *****

human_BDNF    GCGTTTGGAAAGCGAGCCCCAGTTTGGTCCCCTCATTGAGCTCGCTGAAGTTGGCTTCCCT 2118
rat_BDNF      GCGTTTGGAGAGCCAGCCCCAGTTTGGTCCCCTCATTGAGCTCGCTGAAGTTGGCTTCCCT 2116
mouse_BDNF    GCGTTTGGAGAGCGAGCCCCAGTTTGGTCCCCTCATTGAGCTCGCTGAAGTTGGCTTCCCT 2107
              *****      * *      *****      *****

              ▼
human_BDNF    AGCGGTGTAGGCTGGAATAGACTCTTGGCAAGCTCCGGTGTGGTATACTGGGTAACTTT 2178
rat_BDNF      AGCGGTGTAGGCTGGAATAGACTCTTGGCAAGCTCCGGTGTGGTATACTGGGTAACTTT 2176
mouse_BDNF    AGCGGTGTAGGCTGGAATAGACTCTTGGCAAGCTCCGGTGTGGTATACTGGGTAACTTT 2167
              *****      *****      *****

              ▼
human_BDNF    GGGAAATGCAAGTGTATTATCTCCAGGATCTAGCCACCGGGTGGTGTAAAGCCGAAAGAA 2238
rat_BDNF      GGGAAATGCAAGTGTATTATCTCCAGGATCTAGCCACCGGGTGGTGTAAAGCCGAAAGAA 2236
mouse_BDNF    GGGAAATGCAAGTGTATTATCTCCAGGATCTAGCCACCGGGTGGTGTAAAGCCGAAAGAA 2227
              *****      *****      *****

human_BDNF    GFTAAAGCACCAGGGCGGGGACCCCTTGCATCCCCAATTCTTGAGCTATTTTGATACT--G 2296
rat_BDNF      GFTAAAGCACCAGGGCGGGGACCC--TGCATCCCCAATTCTTGAGCTATTTTGATACTCGA 2294
mouse_BDNF    GFTAAAGCACCAGGGCGGGGACCC--TGCATCCCCAATTCTTGAGCTATTTTGATACTCGA 2285
              *****      *****      *****

human_BDNF    TCTTCCGGAGAGGACGCGTGGTGGAGGGGAGGAGGTAGAGGGAGAGCATGAGAGGGGGTT 2356
rat_BDNF      TCTTCCGAAAGGACGCGTAGTGGAGCGGAGGAAGTGGAGGGGAGAGCCTGAGAAATGGTT 2354
mouse_BDNF    TCTTCCGAAAGGACGCGTAGTGGAGAGGAGGAAGTGGAGAGAGAGCATGAGAAATGGTT 2345
              *****      *****      *****      *****      *****      *****

human_BDNF    GTTCTTGGTATTTGCCAGTTTGAATTGCCCTAGGTGAGAACCCTGGGGCAAAGGGAGA 2416
rat_BDNF      GTTCTTGGTATTTGTCTAGTTTAAATTGACCTAGGTGAGAACC--TGGGGCAAATCGAGG 2413
mouse_BDNF    GTTCTTGGTATTTGGCTAGTTTAAATTGACCTAGGTGAGAACC--TGGGGCAAATCGAGG 2404
              *****      *      *****      *****      *****      * *

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EXON II

mouse_BDNF GAAGAG 3135

< ~ 17,5 kb >

human_BDNF ---CCCCACCTCGAATCACCTACCCCACTCTGGTTAAAGCAGAAGACTTTTT----- 51
rat_BDNF CAACCCACCCACCCCTCACC---CTAAATTTGGTTAAAGATTTAAAAA----- 51
mouse_BDNF -----ACCCACCCCTCACC---CTAAATCCTGGTTAAGTATATATACATATATATATT 50
***** * ***** * * ***** * *

human_BDNF -ATTTATCTTGGCTGCCCTGGTTCTGTTATTTAAAGGGTTAGCTTATACGTGTGTTTGCTG 110
rat_BDNF -ATGTGTTGTGCTGCC-TAGATGATGAAAGGTTTGGCTTCTGTGTGCGTGAGTTGCTA 109
mouse_BDNF GATGTGTTGTGCTGCC-TAGATAATGACAGGCTTGGCTTCTGTGTGCGTGAATTTGCTA 109
* * * * * ***** *

human_BDNF GGGCTGGAAGTGAAAACATCTGCAAAGCATGCAATGCCCTGGAACGGAACTCTTCTAAT 170
rat_BDNF GGACTGGAAGTGAAAACGTCTACAAA-GCATGCAATGCCCTGGAACGGAATTTCTTCTAAT 168
mouse_BDNF GGACTGGAAGTGAAAACATCTACAAA-GCATGCAATGCCCTGGAACGGAATTTCTTCTAAT 168
* * ***** *

human_BDNF AAAAGATGTATCATTTTAAATGCGCTGAATTTTGATTCTGGTAATTCGTGCACTAGAGTG 230
rat_BDNF AAAAGATGTATCATTTTAAATGCGCGGAATTCGATTCTGGTAATTCGTGCACTAGAGTG 228
mouse_BDNF AAAAGATGTATCATTTTAAATGCGCGGAATTCGATTCTGGTAATTCGTGCACTAGAGTG 228
***** *

human_BDNF TCTATTTTCAGAGGCAGCGGAGGTATCATATGACAGCGCACGTC AAGGCACCGTGAGGCC 290
rat_BDNF TCTATTTTC-GAGGCAGAGGAGGTATCATATGACAGCTCACGTC AAGGCAGCGTGAGGCC 287
mouse_BDNF TCTATTTTC-GAGGCAGAGGAGGTATCATATGACAGCTCACGTC AAGGCAGCGTGAGGCC 287
***** *

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human_BDNF TCTCGTGGACTCCCACCCACTTTCCATTCCACCGGAGAGGGCTGCTCTCGCTGCCGCT 350
rat_BDNF TCTCGTGGACTCCCACCCACTTTCCATTCCACCGAGGAGGACTGCTCTCGCTGCCGCT 347
mouse_BDNF TCTCGTGGACTCCCACCCACTTTCCATTCCACCGAGGAGGACTGCTCTCGCTGCCGCT 347
***** *

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human_BDNF C-----CCCCCGGCAACTAGCATGAAATCTCCCTGCCCTCTGCCGAGATCAAATG 400
rat_BDNF CCCCCACCACCCCGGCGAGCTAGCATGAAATCTCCAGTCTCTGCCTAGATCAAATG 407
mouse_BDNF CCCCCACCACCCCGGCGAGCTAGCATGAAATCTCCAGCCTCTGCCTAGATCAAATG 407
* ***** *

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human_BDNF GAGCTTCTCGCTGATGGGGTGCAGATTACCTCCGCCATGCAATTTCCACTATCAATAA 460
rat_BDNF GAGCTTCTCACTGAAGGCGTGCAGATTACCTCCGCCATGCAATTTCCACTATCAATAA 467
mouse_BDNF GAGCTTCTCGCTGAAGGCGTGCAGATTACCTCCGCCATGCAATTTCCACTATCAATAA 467
***** *

human_BDNF TTTAACTTCTTTGCTGCAGAACAGAAGGAGTACATACCGGCACCAAAGACTCGCGCCCC 520
rat_BDNF TTTAACTTCTTTGCTGAAGAACAG---GAGTACATATCGGCCACCAAAGACTCGC-CCCC 523
mouse_BDNF TTTAACTTCTTTGCTGCAGAACAG---GAGTACATATCGGCCACCAAAGACTCGC-CCCC 523
***** *

human_BDNF CTCCCCCTTTAATT-AAGCGAAGGGAACGTGAAAAATAATAGAGTGTGGGAGTTTGG 579
rat_BDNF CTCCCCCTTTAACTGAAGAGAAGGGGAAAT-ATATAGTAA--GAGTCTAGAACCTTGGG 580
mouse_BDNF -TCCCCCTTTAACTGAAGAGAAGGGGAAAT-ATATAGTAA--GAGTCTAGAACCTTGGG 579
***** *

human_BDNF GGCCGAAGTCTTTCCCGGAGCAGCTGCCCTTGATGGTTACTTTGACAAGTAGTGACTGAAA 639
rat_BDNF GACCG--GTCTTCCCAGAGCAGCTGCCCTTGATGTTTACTTTGACAAGTAGTGACTGAAA 638
mouse_BDNF GACCG--GTCTTCCCAGAGCAGCTGCCCTTGATGTTTACTTTGACAAGTAGTGACTGAAA 637
* *

human_BDNF A-GTGGGTTTGTCTTTCTTTCTTTCTTTT-CCGTTTTTTCTGT-----TTGGTTCGGCT 691
rat_BDNF AAGTGGGTTTCTTTCTTTCTTTCTTTCTTTTCCACCCCGCCCGC-----TTGGTCTGCT 693
mouse_BDNF AAGTGGGTTTCTTTCTTTCTTTCTTTCTTTTCCACCCCGCCCGC-----TTGGTCTGCT 697
* *

human_BDNF AGAAAGCGTGTGGCTTTAGCAGGCTGTGTCATTGCCTGGGCTTCCTGGCTGGAACAAGTA 751
rat_BDNF GGGAAGCATATGGCTTTAGTGAGGCTGTACTGCCTAGGCTTCCCGGCTAGAAGCGGTA 753

EXON IV


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mouse_BDNF      GTGGTGTGTGTCGCTGCGCCTCAGTGGAGCCGAACAAACTGATGCTGAAAATGGTGTGCG 353
                *** ** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
human_BDNF      TAAAGTTGAGTAACAGAGAGCTAATAGCCTTCTCTTGCTAATTTATCTTT-----CCCC 414
rat_BDNF        TAAAGTTGAGCAACAAAGAAGTAACTAGTAACCTTCTCTTGCTAATTTATCCCCCTCCACCCT 411
mouse_BDNF      TAAAGTTGAGCAACAAAGAAGTAACTAATACCTTCTCTTGCTAATTTATCTCCTCCAACCCT 413
                ***** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

human_BDNF      CAAGATTTCTTGATAATAGTTTGAAGGAGTGTATTCTTTGGTCTCTAGAGGCAACTT 474
rat_BDNF        CAGGACATCGTGAGAGTAATTTGAAAAGGATGTTGTTCTTCTGTTGCCAGGGGCAACTC 471
mouse_BDNF      -GGGACATCGTGATAGTAATTTGAAAAGGAATGTTGTTCTTCTGTTGCTAGGACAACCT 472
                * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

human_BDNF      ACCTT 479
rat_BDNF        ATCTT 476
mouse_BDNF      ATCTT 477
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< ~ 13,5 kb >

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human_BDNF      GTGCAATCTAAGCAGTTCCTAAGCAT--GTTTGTATTTCGTGCAAAG-TGAGAGTAAATCT 57
rat_BDNF        GGATCATTTGCTGTCTTCTCGTTGATTGGCTACCCCTACCGTCCAAG-CAGTTCTGAGTAT 59
mouse_BDNF      CTCTTACTGTGGCTGATGTGTGGA--GGCTGTCACATATACGAAGTCGGAACTGTTGT 58
                * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

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human_BDNF      AAAAGAAATTTTTTGTGT-----GTTTACGGATGGTAATAAAGTCTCTTAGTGGTTGA 111
rat_BDNF        GTTTACCATTATGCAAAGTGAAG-GTGATACATGAGGAAATTTCCATTG-GTGGTAGA 117
mouse_BDNF      GTGCATTGCTCTCTGAGGGGAAGAGTCTCAAGATAATGGTGATGCCACTGTAGAATTGG 118
                * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

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human_BDNF      AAATGTTATTTCTTACAAAAGTGGAGAACATTTGCTTTTCAATACCAGAGTTTTCAGCCA 171
rat_BDNF        CTACCTTGTCTCTTTCAAAGTGGATGATAGAACTTTGATTTTCAATACTAA-AGCTT 176
mouse_BDNF      AGAGAGCTTTAATGTCCCCTTTGGCAAGAATTTCCATAGCTTGT-GTTGCCGA-AGCTG 176
                * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

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human_BDNF      TTTCTGCATTCTGACCTATTG-ACTGGAGTTAGGTTGCCTTTGAATTCAGTAAAACCTTCA 230
rat_BDNF        TCGGCCATTTCTGCACTATTG-ACTGGAGTAGGTTATTTTTGTGTTTCAGCAACTCATCG 235
mouse_BDNF      TCTGTGCACTGTGCCCTATTTCACTGGAGGTAGGTTGTTCTTGTGTTTCAGCATCTCATTG 236
                * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

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human_BDNF      TGGGCAGAAACACAGTTCCTTTTCTACTTATTGGATATCATGATGGCCATTGCATGTA 290
rat_BDNF        TGGACAGAAACATAATTTCTTTT-CTGGTGGACTTACCCTGCATAATGAGTGTGTGCGTG 294
mouse_BDNF      TGAGCAGAAACATGCTTCTTT--CTGGTGGACTTACCCTGCATAATGAATGCTGAGTGTG 294
                ** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

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human_BDNF      TGTGTCTTTTTGTAAGTCCATGCCTCAGAAGTGAAGTAGGAATAAAATTAGG--GTCA 348
rat_BDNF        TATGTCTTT--ACGAGTCTATGTTCCACAGCTGATAAGTAGAAAGAAAGTTAGCACGGTA 352
mouse_BDNF      TATGTCTTT--ACAAGTCTATGTTCCACAGCCAATAAGTAGAAAGAAAGTTAGCCTATTA 352
                * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

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human_BDNF      GGGCT--GGGATGCTACTCTTTGCTGCTGAGAAACACAATGCTTCAGGTAAGTGATTCT 406
rat_BDNF        GAGTTAAAGGAATTCTACTTGTACTACTAAGAGGCACAATGCTTCCGGTAAGTAATCA 412
mouse_BDNF      GAGTTAAAGAGATGCTACTCGTTACTACTAAGAGGCAGAATGCTTCCGGTAAGTAATCA 412
                * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

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human_BDNF      GAAGTCTTCCACCACCTGACGGTAACCTTGGGTTGGTCCATAGGTATGTTTTCATTTTGC 466
rat_BDNF        GAAGTCTTCCACCACCTGACG-TAACCTTGGTTTGGTCCATAGGTATGCTTAAATTTTGC 471
mouse_BDNF      GAAGTCTTCCACCACCTGATG-TAAGCTTGGTTTGGTCCATAGGTATGTTCAATTTTGC 471
                ***** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

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human_BDNF      TTGTTTCATCCATTTTAAATTGGCTTCTAGAGCATGCTTGTAGATGTAGAGCCAAATTTAG 526
rat_BDNF        TTCTTATTTCAATTTTGTGGTTTGCAGAGCGTGCTTAAAGATGCA-AGCCAAATTC-- 528
mouse_BDNF      TTGTTTATTTCAATTTTGTGGTTTGCAGAGTATGCTTATAGATGCA-AGCCAAATTC-- 527
                ** * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

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EXON VIIIh

human_BDNF	<u>AGTAGAGCAACCCCTCTGGCAAACAGGAAGAGATTAATTTTGTGGTATGCTTTTAAGGGAC</u>	586
rat_BDNF	-----TAAGAGTGATTTAACTTTGTGGTATGTTGTTAAGAGGC	566
mouse_BDNF	-----TAACTTTGAGGTATGTTATTAAGTGAC	554
	*** ** * * * * * * * * * * * * * * * * * *	
human_BDNF	<u>TTCCAGGAACTTCAAAGCAGAAAAAGAAGCACTAGCTGCCTATTCCAAAATGTGTAA</u>	646
rat_BDNF	ATCATAGGGAACCTCAAATGCACAGAAAGAAACCCTAGCTGCCAGTTCCAAAGTGTGTAA	626
mouse_BDNF	TCTGTAGGAAAGTTCAAATGCACAGAAAGAAGTACTAGATGCCAATTCAAAGCGTGTAA	614
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	▼	
human_BDNF	<u>AACACCCTCAGCTTTTTTAAAAGTAGGATAAACTCAGAG--CGGACACACACACACACA</u>	703
rat_BDNF	AATACTACTCAGCTTTGTAAAGGTATGACAA-CTCAGTGTTACACACACGCGCGCGTGCA	685
mouse_BDNF	AGTACTACTCAGCTTTGTAAAGGTATGACAA-CTCAGTGTTACACACACACACACACACA	673
	* ** *	
human_BDNF	<u>CACACACAGAGAGA-ACATCTCTAGTAAAAAGAAAAGTTGAGCTTCTTAGCTAGATGTG</u>	762
rat_BDNF	CACACACACACACACACA-----GGAGTTCTGCTAATGAGAAGT-	724
mouse_BDNF	CACACACACACACACACACACACTTGAGAAGGGGGTGGAGTTCTGCTAATGAGAAGC-	732
	***** *	
human_BDNF	<u>TGTATTAGCCAGAAAAGCCAAAGGAGTGAAGGGTTTTAGAGAAGCTGGAGGAGA-TAAAGT</u>	821
rat_BDNF	TGCGCTCTCTTTGGTTTGCCAAAAC----AAGCCATCCAAGTACCATGGGAGTCTGGAGA	780
mouse_BDNF	TGAGCTCTCTGTGGTTTGCCAAAAC----AAGCCATCAAAGTGCCTCTGAGTCTGGAGA	788
	** *	
human_BDNF	<u>GGAGTCTGCATATGGGAGGCATTTGAA--ATGGACTTAAATGTCTTTTTAATGCTGACT</u>	878
rat_BDNF	GATGTCCGCACGTGAAAGGCATTGATTGATCCGGACTTGAATGCCTTTCCT-TGAGGACT	839
mouse_BDNF	GATGTCTGCTCGTGAAGGCATTGAT----CCTGACTTGAATGCCTTTCCT-TGAGGACT	843
	* *** ** *	
human_BDNF	<u>TTTTAGTTTTCTCCTTACCAGACACATTGTTTTTCATGACATTAGCCCCAGGCATAGACA</u>	938
rat_BDNF	AGTCCAGCTTTCCC-CTTTCT--CTT-----GTTTTCATACCTGCCTCAGGCA	884
mouse_BDNF	GTTCCAGCTTTCAGCTTTCT--CTTAAAGATACATTGTTTTTCATCCCTGCCTCAGGCA	901
	* *** *	
human_BDNF	<u>CATCATTAAATGAACATGTCAAAAAATGATTCTGTTTAGAAATAAGCAAAACATTTTC</u>	998
rat_BDNF	CATCATTAGAACAAACCTACTGAAAACGAATT--GTTTGAAATAAGCAAAACCTTCTC	941
mouse_BDNF	TGTCATTAGAACAAACCTATTGAAAATGAATT--GTTTGAAATAAGCAAAACCTTCAC	958
	***** ** *	
human_BDNF	<u>AGTTGTGACCACCAGGTGTAGAATAAAGAACAGTGAATTGGGAGCCCTGAGTTCTAAC</u>	1058
rat_BDNF	AGATGCAGT-----AAAAC-CTAGAGATGTGCTCTCT-AGTTCC---	978
mouse_BDNF	AGATGTAGT-----AAAACGTTGGAGATGGGATCTCT-AGTTCC---	996
	** ** *	
human_BDNF	<u>ATAAAGTTTCTTCATGACATAAGGCAAGTCTCTATGGCCTTTGGTTTCCTTACCTGTAA</u>	1118
rat_BDNF	-TAAAGTTTCTTCATGACACCAGACAAATCCTGTTTGCCCTTTAGCTTCCCTATCTGAAA	1037
mouse_BDNF	-TTAAGTTTCTTCATGAGACCGGGCAAGTCTCTGTGTGGCCTTTTGGTTCTTATCCGCAA	1055
	* *	
human_BDNF	<u>AACAGGATGGCTCAATGAAATTATCTTTCTTTGCTATAATAGAGTATCTCTGTGGGA</u>	1178
rat_BDNF	AACACCGTGGTCCGAA-----GTGCTGTCACTG-----CCTCTAGGGAG	1078
mouse_BDNF	AACATGGTGGTCTACA-----TCGCTCTAGGAGAAAAGGCCCTCCAGCAT	1104
	**** *	
human_BDNF	<u>AGAGGAAAAAAAAGTCAATTTAAAGGCTCCTTATAGTTCCCAACTGCTGTTTTATTGT</u>	1238
rat_BDNF	AAAGG-----CCCGTCCCAGCT-----	1095
mouse_BDNF	TCCGG-----CCGACCGCTGTTTTATCAT	1128
	** *	
	○	
human_BDNF	<u>GCTATTTCATGCCTAGACATCACATAGCTAGAAAGGCCATCAGACCCCTCAGGCCACTGC</u>	1298
rat_BDNF	----CTCCTGCTCAGA-----GCTGCAGCCAGCCGGC-----CCTCTAGCCACTAC	1137
mouse_BDNF	ACTGCTCCTGCTCAGACTGCTTAGAGCACCAGACCCAGC-----CCTCTAGCCACTAC	1183
	** ** *	
human_BDNF	<u>TGTTCTGTACACATTCTGCAAAGGACCATGTTGCTAACTTGAAAAAATTACTATTA</u>	1358
rat_BDNF	TGTTTCCACCACACATTCTTACCAAGGACTGTGCTGCTGACTTGAAAGGAAG-ATTACTA	1196
mouse_BDNF	CGTTTCCATCACACATTCTTCCCAAGGACTATGCTGCTGACTTGAAAGGAAG-ATTACTA	1242

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O
human_BDNF ATTACACTTGCAGTTGTTGCTTAGTAACATTTATGATTTTGTGTTTCTCGTGACGCATG 1418
rat_BDNF -TTCCACTTGCAGTTGTTGCTTAGTAACATGTTGATT--GTGTTTCTGGTGACGGCGTG 1253
mouse_BDNF -TTCCACTTGCAGTTGTTGCTTAGTAACATTTGTTGATT--GTGTTTCTGGTGACAGCGTG 1299
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

human_BDNF AGCAGAGATCATTAAAAATTAACCTTACAAAGCTGCTAAAGTGGGAAGAAGGAGAACTT- 1477
rat_BDNF AACAGAGATCATTAAAAATTAACCCCCAGAGCTGCTAAAGTGGGAGGAAGTGGGAGCGG 1313
mouse_BDNF TGCAGAGATCATTAAAAATTAACCCCAAGCTGCTAAAGCGGGAGGAAGTGGGAGCAG 1359
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

human_BDNF -GAAGCCACAATTTTGCACCTGCTTAGAAGCCATCTAATCTCAGC-TTATATGCTAGAT 1535
rat_BDNF GGAAGCCACAGTGCCGTCACCTGCTTAGAAAACCGTTTACTCTCAGGCTTACATG-TAAAT 1372
mouse_BDNF GGAAGCCACAGTGTTTCACTTCTGCTTAGAAAACCGTTTACTCTCAGGCTTACATG-TAAAT 1418
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

human_BDNF CTTGGGGGCAAACACTGCATGTCTCTGGTTTATATTAACCACATACAGCACACTA-CTG 1594
rat_BDNF CTTGAGGA-AAACACTGCATGTCTCTGGTTTATATTAAGCTACATACAGCACGGTAACTG 1431
mouse_BDNF CTTGGGGA-AAACATTGCATGTCTCTGGTTTATATTAAGCCACATACAGCACAGTAACTG 1477
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human_BDNF ACACTGATTTGTGCTGGTGCAGCTGGAGTTTATCACCAGACAT-----AAA 1642
rat_BDNF ACATTGATTTGTGTCCTTGCAGCTGGAGTGGATCAGTAAGACATTAAAAAAAAGAAA 1491
mouse_BDNF ACATTGATTTGTGTCCTTGCAGCTGGAGTGGATCAGTAAGACA-----AAA 1524
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

human_BDNF AAAACCTTGACCCTGCAGAATGGCCTGGAATTACAATCAGATGGGCCACATGGCATCCCG 1702
rat_BDNF AAGAAAAAAGAAAGAAAAAGGTCTGAAATTACAAGCAGATGGGCCACATGGTGTCCCC 1551
mouse_BDNF AAAAAAAGAAAGAAAAAGGTCTGAAATTACAAGCAGATGGGCCACATGCTGTCCCC 1584
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human_BDNF GTGAAAGAAAGCCCTAACCAAGTTTCTGTCTTGTCTTCTGCTTCTCCCTACAGCTCCACC 1762
rat_BDNF AAGAAAGTAAGGTCTAACCTGTTCTGTGTCT-GTCTCTGCTTCTTCCACAGCTCCACC 1610
mouse_BDNF GAGAAAGAAAGTTCTAACCTGTTCTGTGTCT-GTCTCTGCTTCTTCCACAGCTCCACC 1643
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human_BDNF AGGTGAGAAGAGTGATGACCATCCTTTTCTTACTATGGTTATTTTCATACTTTGGTTGCA 1822
rat_BDNF AGGTGAGAAGAGTGATGACCATCCTTTTCTTACTATGGTTATTTTCATACTTCGGTTGCA 1670
mouse_BDNF AGGTGAGAAGAGTGATGACCATCCTTTTCTTACTATGGTTATTTTCATACTTCGGTTGCA 1703
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human_BDNF TGAAGGCTGCCCCATGAAAGAAGCAAACATCCGAGGACAAGGTGGCTTGGCCTACCCAG 1882
rat_BDNF TGAAGGCTGCCCCATGAAAGAAGCAAACGTCCACGGACAAGGCAACTTGGCCTACCCAG 1730
mouse_BDNF TGAAGGCGGCGCCATGAAAGAAGTAAACGTCCACGGACAAGGCAACATGGCCTACCCAG 1763
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human_BDNF GTGTGCGGACCCATGGGACTCTGGAGAGCGTGAATGGGCCAAGGCAGGTTCAAGAGGCT 1942
rat_BDNF CTGTGCGGACCCATGGGACTCTGGAGAGCGTGAATGGGCCAAGGCAGGTTTCGAGAGGTC 1790
mouse_BDNF GTGTGCGGACCCATGGGACTCTGGAGAGCGTGAATGGGCCAAGGCAGGTTTCGAGAGGTC 1823
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human_BDNF TGAC-----ATCATTGGCTGACACTTTCGAACACGTGATAGAAGAGCTGTTGGATGAGG 1996
rat_BDNF TGACGACGACGTCCCTGGCTGACACTTTTGACACGTGATCGAAGAGCTGCTGGATGAGG 1850
mouse_BDNF TGACGACGACATCACTGGCTGACACTTTTGACACGTGATCGAAGAGCTGCTGGATGAGG 1883
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human_BDNF ACCAGAAAGTTCGGCCCAATGAAGAAAACAATAAGGACGCAGACTTGTACACGTCAGGG 2056
rat_BDNF ACCAGAAGTTCGGCCCAACGAAGAAAACCATAAGGACGCAGACTTGTACACTTCCCGGG 1910
mouse_BDNF ACCAGAAGTTCGGCCCAACGAAGAAAACCATAAGGACGCAGACTTGTACACTTCCCGGG 1943
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human_BDNF TGATGCTCAGTAGTCAAGTGCCCTTTGGAGCCTCCTCTTCTCTTCTGCTGGAGGAATACA 2116
rat_BDNF TGATGCTCAGCAGTCAAGTGCCCTTTGGAGCCTCCTCTGCTCTTCTGCTGGAGGAATACA 1970
mouse_BDNF TGATGCTCAGCAGTCAAGTGCCCTTTGGAGCCTCCTCTACTCTTCTGCTGGAGGAATACA 2003
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human_BDNF AAAATTACCTAGATGCTGCAAAACATGTCCATGAGGGTCCGGCGCCACTCTGACCTGCC 2176

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rat_BDNF	AAAATTACCTGGATGCCGCAACATGTCTATGAGGGTTTCGGCGCCACTCCGACCCCGCCC	2030
mouse_BDNF	AAAATTACCTGGATGCCGCAACATGTCTATGAGGGTTTCGGCGCCACTCCGACCCCTGCC *****	2063
human_BDNF	GCCGAGGGGAGCTGAGCGTGTGTGACAGTATTAGTGAGTGGGTAACGGCGGCAGACAAAA	2236
rat_BDNF	GCCGTGGGGAGCTGAGCGTGTGTGACAGTATTAGCGAGTGGGTACAGCGGCAGATAAAA	2090
mouse_BDNF	GCCGTGGGGAGCTGAGCGTGTGTGACAGTATTAGCGAGTGGGTACAGCGGCAGATAAAA ****	2123
human_BDNF	AGACTGCAGTGGACATGTCTGGCGGGACGGTCACAGTCCCTGAAAAGGTCCTGTATCAA	2296
rat_BDNF	AGACTGCAGTGGACATGTCTGGCGGGACGGTCACAGTCCCTGGAGAAAAGTCCCGGTATCAA	2150
mouse_BDNF	AGACTGCAGTGGACATGTCTGGCGGGACGGTCACAGTCCCTAGAGAAAAGTCCCGGTATCCA *****	2183
human_BDNF	AAGGCCAACTGAAGCAATACTTCTACGAGACCAAGTGCAATCCCATGGGTTACACAAAAG	2356
rat_BDNF	AAGGCCAACTGAAGCAATACTTCTACGAGACCAAGTGTAATCCCATGGGTTACACGAAGG	2210
mouse_BDNF	AAGGCCAACTGAAGCAGTATTCTACGAGACCAAGTGTAATCCCATGGGTTACACCAAGG *****	2243
human_BDNF	AAGGCTGCAGGGGCATAGACAAAAGGCATTGGAAGTCCAGTGCCGAAGTACCCAGTCGT	2416
rat_BDNF	AAGGCTGCAGGGGCATAGACAAAAGGCATTGGAAGTCCAGTCCGAAGTACCCAAATCGT	2270
mouse_BDNF	AAGGCTGCAGGGGCATAGACAAAAGGCATTGGAAGTCCGAAGTACCCAAATCGT *****	2303
human_BDNF	ACGTGCGGGCCCTTACCATGGATAGCAAAAAGAGAATTGGCTGGCGATTTCATAAGGATAG	2476
rat_BDNF	ATGTTCCGGGCCCTTACTATGGATAGCAAAAAGAGAATTGGCTGGCGATTTCATAAGGATAG	2330
mouse_BDNF	ATGTTCCGGGCCCTTACTATGGATAGCAAAAAGAGAATTGGCTGGCGATTTCATAAGGATAG * * *	2363
human_BDNF	ACACTTCTGTGTATGTACATTGACCATTAAAAGGGGAAGATAGTGGATTTATGTTGTAT	2536
rat_BDNF	ACACTTCTGTGTATGTACACTGACCATTAAAAGGGGAAGATAGTGGATTTATGTTGTAT	2390
mouse_BDNF	ACACTTCTGTGTATGTACACTGACCATTAAAAGGGGAAGATAGTGGATTTATGTTGTAT *****	2423
human_BDNF	AGATTAGATTATATTGAGACAAAAATTATCTATTTGTATATATACATAACAGGGTAAATT	2596
rat_BDNF	AGATTA----TATTGAGACAAAAATTATCTATTTGTATATATACATAACAGGGTAAATT	2445
mouse_BDNF	AGATTA----TATTGAGACAAA--TTATCTATTTGTATATATACATAACAGGGTAAATT *****	2477
human_BDNF	ATTAGTTAAGAAAAAATAATTTTATGAACTGCATGTATAAATGAAGTTTATACAGTAC	2656
rat_BDNF	ATTAGTTAAGAAAAAGATAATTTTATGAACTGCATGTATAAATGAAGTTTATACAGTAC	2505
mouse_BDNF	ATTAGTTAAGAAAA--ATAATTTTATGAACTGCATGTATAAATGAAGTTTATACAGTAC *****	2536
human_BDNF	AGTGGTTCACAATCTATTTATGGACATGTCCATGACCAGAAAGGAAACAGTCATTTGC	2716
rat_BDNF	AGTGGTTCACAATCTATTTATGGACATATCCATGACCAGAAAG--AAACAGTCATTTGC	2564
mouse_BDNF	AGTGGTTCACAATCTATTTATGGACATATCCATGACCTGAAAGGAAACAGTCATTTGC *****	2596
human_BDNF	GCACAACTTAAAAGTCTGCATTACATTCCTCGATAATGTTGTGGTTTGTGCGGTTGCC	2776
rat_BDNF	GCACAACTTAAAAGTCTGCATTACATTCCTCGATAATGTTGTGGTTTGTGCGGTTGCC	2624
mouse_BDNF	GCACAACTTAAAAGTCTGCATTACATTCCTCGATAATGTTGTGGTTTGTGCGGTTGCC *****	2656
human_BDNF	AAGAAGTGAACATAAAAAGTTAAAAA---TAATAAATGTCATGCTGCTTTAATT	2832
rat_BDNF	AAGAATTGAAACA--AAAAGTTAAAAA---TAATAAATGTCATGCTGCTTTAATT	2678
mouse_BDNF	AAGAATTGAAACA--AAAAGTTAAAAAATAATAATAAATGTCATGCTGCTTTAATT *****	2714
human_BDNF	GTGAATTGATAATAAACTGTCC-TCTTTCAGAAAACAG---AAAAACACACA-CACAC	2887
rat_BDNF	GTGAATTGATAATAAACTGTCCCTCTTTCAGAAAACAGAC-AAAAAACAAAAACAAAA	2737
mouse_BDNF	GTGAATTGATAATAAACTGTCCCTCTTTCAGAAAACAGATTAATAAATAAATAAATAA *****	2774
human_BDNF	A-----CAACAAAATTTGAACCAAAACATTCCGTTTACATTTTAGACA	2931
rat_BDNF	A-----AAAGCAAAAACAAAATTTGAACCAAAACATTCCGTTTACATTTTAGACA	2788
mouse_BDNF	AAAAAACAAAAACAAAACAAAATTTGAACCAAAACATTCCGTTTACATTTTAGACA * *****	2834

human_BDNF	GTAAGTATCTTCGTTCTTGTAGTACTATATCTGTTTTACTGCTTTTAACTTCTGATAGC	2991
rat_BDNF	CTAAGTATCTTCGTTCTTGTAGTACT----CTGTTCTACTGCTTTCAACTTCTCATAGC	2844
mouse_BDNF	CTAAGTATCTTCGTTCTTGTAGTACT----CTGTTTTACTGCTTTCGACTTCTGATAGC	2890

human_BDNF	GTTGGAATTAACAATGTCAAGGTGCTGTTGTCATTGCTTTACTGGCTTAGGGGATGGG	3051
rat_BDNF	GTTGGAATTAACACTATGTCAAGGTGCTGTTGTCATTGCTTTACTGGCTTAGGGGATGGG	2904
mouse_BDNF	GTTGGAATTAACAATGTCAAGGTGCTGTTGTCATTGCTTTACTGGCGTAAGGGACGGG	2950

human_BDNF	GGATGGG--GGGTATATTTTTGTTTGTGTTTTTTTTT---TCGTTTGTGTTTTG	3106
rat_BDNF	GAACGGGAGGGGTAGATTTCTGTTTGTGTTTTATTTCTGTTTGTGTTTTGTTTTG	2964
mouse_BDNF	GAATGGGAGGGGTAGATTTCTGTTTGTGTTTTGTTTATTTGTTTGTGTTTTGTTTTG	3010
	* * * * *	
human_BDNF	TTTTTTAGTCCACAGGGAGTAGAGATGGGAAAGAATCCTACAATATATATCTGGC	3166
rat_BDNF	TTTTTTTAGTCCACCCGGAGTAGGGATGGAGAAA--ATTTCTTCACTCTCCATTCTGGT	3022
mouse_BDNF	TTTTTT-AGTCCACCCGGAGTAGGGATGGAGAAA--ATTTCTTCACTATCCATTCTGGT	3067

human_BDNF	TGATAAAA-GATACATTTGTATGTTGTAAGA-TGTTTGCAATATC-GATCAGATGACTA	3223
rat_BDNF	TGATAAAGCGTTACATTTGTATGTTGTAAGAAAATGTTTGCAAAATCCAATCAGATGACTG	3082
mouse_BDNF	TGATAAAGCGTTACATTTGTATGTTGTAAGA-TGTTTGCAAAATCCAATCAGATGACTG	3126

human_BDNF	GAAAGTGAATAAAAATTAAGGCAACTGAACAAAAAATGCTCACACTCCACATCCCGTGA	3283
rat_BDNF	GAAAACGAATAAAAATTAAGGCAACTGAATAAAA--TGCTCACACAACACTGCCCATGA	3139
mouse_BDNF	GAAAACAAATAAAAATTAAGGCAACTGAATAAAA--TGCTCACACTCCACTGCCCATGA	3183

human_BDNF	TGCACCTCCAGGCC--GCTCATTCTTTGGGCGTTGGTCAGAGTAAGCTGCTTTT	3338
rat_BDNF	TGTATCTCCCTGGTCCCC--AGGTCACCTCTTCTGGCATGGGTCAGGGAAAGCTGCTTTT	3197
mouse_BDNF	TGTATCTCCCTGGTCCCCCTCAGCTCCTTCTGGCATGGGTCAGGGAAATGCTTTT	3243
	** * * * *	
human_BDNF	GACGGAAGGACCTATGTTTGTTCAGAACACATCTTTCCCCCCTCCCC--TCTGGTC	3395
rat_BDNF	ATTGGAAAGACCAGCATTGTTTAAAGCACATCTTTCCCTCCCTCCTCCCATTTGGTC	3257
mouse_BDNF	ATTGGAAAGACCAGCATTGTTCAAAGCATACTCTTTCCCTCCCTCCTCCCATTTGGTC	3303

human_BDNF	TCCTC---TTTGTGTTTTTAAGGAAGAAAAATCAGTTGCGCGTTCTGAAATATTTTA	3451
rat_BDNF	CCTTCTTTTTTGTGTTTTAAGAAAGAAAAATTAAGTTGCGCGCTTTGAAATATTTTA	3317
mouse_BDNF	CCTTC--TTTTGTTTTGTTTTAAGAAAGAAAAATTAAGTTGCGCGCTTTAAATATTTTA	3361
	* * *	
human_BDNF	CCACTGCTGTGAACAAGTGAACACATTGTGTACATCATGACTCGTATAAGCATGGAG	3511
rat_BDNF	TCACTGCTGTGAACAGATGAACAATGTGTGTCAATTCATGACTC-----GTGGAA	3369
mouse_BDNF	CTACTGCTACAAACAGATGAACAATGTGTGTCAATTTATGACTC-----ATGGAA	3413

human_BDNF	AACAGTGATTTTTTTTAGA----ACAGAAAAACAACAAAAATAACCCCAAATGAAGA	3566
rat_BDNF	AACAGTGATTTTTTTTTTATTTTTGCCCCAAGGAGAAACAAGTAAGAATAACCGAAAAT	3429
mouse_BDNF	AACAGTGATTTTTTTTTT-----ACCCTAAGAAAAACAATAAAAAATAACCCCAAAT	3465

human_BDNF	TTATTTTTTATGAGGAGTGAACATTTGGGTAATCATGGCTAAGCTTAAAAAAAACAT	3626
rat_BDNF	GTTCTTTTTTTTTAAAG-----GCATAAACAGTGGATAAGTT-----AT	3468
mouse_BDNF	ATTCTTTTTTTA-AAAG-----GCATAAATATTGGGTAATTT-----GT	3503
	* * * * *	
human_BDNF	GGTGAGGCTTAACAATGTCTTGTAAAGCAAAAGGTAGAGCCCTGTATCAACCCAGAAACAC	3686
rat_BDNF	AATATGGCCTAACAAATGT-TTGCAGATAAAAGATA-----TTGCATACAGCCAGA--TAC	3520
mouse_BDNF	AATATGGCCTAACAGTGT-TTGCAGATAAAAGTTA-----TTGTATACACCCAGA--TAC	3555
	* * * * *	
human_BDNF	CTAGATCAGAACAGGAATCCACATTGCCAGTGACATGAGACTGAACAGCCAAATGGAGGC	3746
rat_BDNF	T-----AGAGCAGGGATCCCACTGCCACTGAAATGCGACTGAATGGCCCTGTGGAGGC	3574

human_BDNF	CATTAGCCATTTCACACCTGAAAATGTTAGTGATCAC-CACTTGGACC---	AGCATC	4571
rat_BDNF	--TGAGGTTTTCCGCCAGCGCAATGTGTTAGTGGTTACCTGACTGGGCTCCTGGGCATC		4379
mouse_BDNF	--TCAGGTTTTTTCAAGCGTGAATGTGTTAGTGGTTACTCTCCTGGGTTCTGAGCATC		4408
	* * * * *		
human_BDNF	CTTAAGTATCAGAAAGCCCCAAGCAATTGCTGCATCTTAGTAGGGTGAGGGATAAGCAAA		4631
rat_BDNF	AGAAAA-----GAGGCAAACAATTGCTTCATCTTAGGAGTGGAAAGGGTGAACAA		4431
mouse_BDNF	AGAAAAAAAAAAAAAGAGGCAAACAATCGCTTCATCTTAGGAGTGGAAAGGA--AACAGA		4466
	** * * * *		
human_BDNF	AGAGGATGTTCAACATAACCCAGG-AATGAAGATACCATCAGCAAAGAATTTCAATTT-G		4689
rat_BDNF	AGTGGCTGTCCACTGTGACTCAGGGAGTGAAGATACCATCAGCAAATAGTTTCTTTTT-G		4490
mouse_BDNF	AGTGGACGTCCGCTGTGACTCAGGGAGTGAAGATACCATCAGCAAATAGTTTCTTTTTG		4526
	** * * * *		
human_BDNF	TTCAGTCTTTCATTTAGAGCTA---GTCTTTCACAGTACCATCTGAATACCTCTTTGAA		4745
rat_BDNF	TTCAACTGTTCCCTTTAGAACTAGTCTGTCTTCTGGAGTCCCA-CTGAATCCCTGTTTTT		4549
mouse_BDNF	TTCAATTCGTTCCCTTTGAGTTAGCCTGTCTTTTGGAAATACCA-CTGAATATGTGTTTTT		4585
	**** * * * * *		
human_BDNF	AGAAGGAAGACTTTACGTAGTGTAGATTTGTTTGTGTTGTTGAAAATATTA-TCITTTG		4804
rat_BDNF	----GGAAGACTTCACGTAGCCTAGATT-GTTTTGTGCCGTTTGACAACATTAATCTCTG		4604
mouse_BDNF	----GAAAGACTTCATGTAGCATAGATT-GTTTTGTGCCGTTTACCAA-ATTAACCTTTG		4639
	* * * * *		
human_BDNF	TAATTATTTTT-AATATGT-AAGGAATGCTTGGAAATATCTGCTATATGTCAACTTTATGC		4862
rat_BDNF	TCATCATTTTT-AACCTATTAAGGAATGCTTGAATATCTGCTATATGTCAACTTTTTC		4663
mouse_BDNF	TCATCGTTTTTTAACCTATTGAGGAATGCTTGGAAATATCTGCTATATGTCAACTTTTTC		4699
	* * * * *		
human_BDNF	AGCTTCCTTTTGAGGGACAAATTTAAACAACAAC-CCCCATCACAAACTTAAAG		4918
rat_BDNF	AGCTTCATTTCTGAGAGACGTTAGTCAAACAATAAAAGGAGCCCATCACAACTCACGG		4723
mouse_BDNF	AGCTTCATTTCTGAGAGACATTAGTCAAACAACAAGGATCCCATCACAACTTACAG		4759
	***** * * * * *		
human_BDNF	GATTGCAAGGGCCAGATCTGTTAAGTGGTTTCATAGGAGACACATCCAGCAATGTGTGG		4978
rat_BDNF	TATTGCAAGGGCCAGGTCGATTAGGTGGCTTATAGGAGACCC--TCCGCAACTGTGTGG		4781
mouse_BDNF	TACTGCAAGGGCCAGGTCGTTAAGCGGCTTACAGGAGACA--TCAGCAATGTGTGG		4816
	* * * * *		
human_BDNF	TCAGTGG---CTCTTTTACCCAATAAGATACATCACAGTCACATGCTTGATGGTTTATG		5034
rat_BDNF	TCAGTGGCTGGCTCTCATACCCACTAAGATACATCATAGCTCCATG-TCGGTGGTTTATG		4840
mouse_BDNF	TCAGTGGCTGGCTCTCTTACCCACTAAGATACATCATAGCTACATG-TTGGTGGTTTATG		4875
	***** * * * * *		
human_BDNF	TTGACCTAAGATTTATTTGTTAAATCTCT-CTCTGTTG-TGTTGCTTCT-----		5083
rat_BDNF	TTGACCTGAGATTGATTT-GTTAAATCTCTCTCTGTTTCTGTTCTGTTCTGTTCCGTC		4899
mouse_BDNF	TTGACCTGAGATTATTT-GTTAAATCTCTCTCTGTTTCTGTTCTGTTCTGTTCTGTT		4934
	***** * * * * *		
human_BDNF	-TGTTCTGTTTGTGTTTTGTTTTT---TAAAGTCTTGCTGTGGTCTCTTTGTGGCAGAAG		5138
rat_BDNF	CTGTTCTGTTCTGTTCTGTTCTG---AAAGTCTTGCTGTGGTCTCTTTTGGCAGAAG		4954
mouse_BDNF	CTGTTCTGTTCTGTTCTGTTTTGTTTTAAAGTCTTGCTGTGGTCTCTGTTGGCAGAAA		4994
	***** * * * * *		
human_BDNF	TGTTTCATGCATGGCAGCAGCCTGTTGCTTTTTTATGGCGATCCCATTGAAAATGTAA		5198
rat_BDNF	TGTTTCATGCATGGCAGCAGCCTGATGCTTTTT-ATAGTGATTCCCATTGAAACTGTAA		5013
mouse_BDNF	TGTTTTATGCATGGCAGCAGCCTGTTGCTTTTTTATAGTGATTCCCATTGAAACTGTAA		5054
	***** * * * * *		
human_BDNF	GTAATGTCTGTGGCCTGTTCTCTCTATGGTAAAGATATTATTCACCATGTAAAACAAA		5258
rat_BDNF	GTAATGTCTGTGGCCTGTTCTCTCTATGGTAAAGATATTATTCACCATGTAAAACAAG		5073
mouse_BDNF	GTAATGTCTGTGGCCTGTTCTCTCTATGGTAAAGATATTATTCACCATGTAAAACAAG		5114
	***** * * * * *		
human_BDNF	AAACAATATTTATTGTATTTTAGTATATTTATATAATTATGTTATTGAAAAAATTGGCA		5318
rat_BDNF	AAAAA-TATTTATTGTATTTTAGTATATTTATATAATTATGTTATTGAAAAAATTGGCA		5132
mouse_BDNF	AAAAAATATTTATTGTATTTTAGTATATTTATATAATTATGTTATTGAAAAA-TTGGCA		5173

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human_BDNF **TTAAAACTTAACCGCATCAGAA-CCTATTGTAAATACAAGTTCTATTTAAGTGTACTAAT** 5377
rat_BDNF **TTAAAACTTAACCGCATCAGAAAGCCTATTGTAAATACAAGTTCTATTTAAGTGTACCAAT** 5192
mouse_BDNF **TTAAAACTTAACCACATCAGAAAGCCTATTGTAAATACAAGTTCTATTTAAGTGTACCAAT** 5233

human_BDNF **TAACATATAATATATGTTTTAAATATAGAATTTTTAATGTTTTAAATATATTTTCAAAG** 5437
rat_BDNF **TAACATATAATATATGTTTTAAATATAGAATTTTTAATGTTTTAAATATATTTTCAAAG** 5252
mouse_BDNF **TAACATATAATATATGTTTTAAATATAGAATTTTTAATGTTTTAAATATATTTTCAAAG** 5293

human_BDNF **TACATAAAATCTGGGGTTCCTGGGTTTTTTCTCTTTACTGTAAAACAAACATGAAAACG** 5497
rat_BDNF **TACATAAAATCTGGGGTTCCTGGGTTTTTT-CTCTTCACTGTAAAATA---TGAAAATG** 5307
mouse_BDNF **TACATAAAGTCTGGGGTTCCTGGGTTTTTT-CTCTTCACTGTAAAATA---TGAAAATG** 5348

human_BDNF **TGTTTTATTATAAAATACGTGTGTTCTTGCTTT** 5530
rat_BDNF **TGTTTTATTATAAAATACATGTGTTCTTGCTTT** 5340
mouse_BDNF **TGTTTCATTATAAAATACATGTGTTCTTGCTTT** 5381
