

CLUSTAL 2.1 multiple sequence alignment

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human.10_000bp      TGCAGATGTAAGGAAATTATATATATATATATATATATATAATATATATACGTATATA 60
chimpanzee         -----

human.10_000bp      TTATGAAGATATATGTATATATATTATATATAATTATATATATAATATATATATAATTTG 120
chimpanzee         -----

human.10_000bp      GGAATTTGGGAATAAATTGTATCCCAACTCACACTGGGACTACACCAGCTGCCACCATGC 180
chimpanzee         -----

human.10_000bp      CTGGCTAATTTTTTCGTATTTTTAGTAGAGACAGGGTTTCACTGAATTGGCCAGGATGGTC 240
chimpanzee         -----

human.10_000bp      TTGATCTCCTCACCTTGTGATCCTCTTGCCCTGCCAAAGTGCTGGGATTACAGGC 300
chimpanzee         -----

human.10_000bp      CTGAGCCAAGATACATATTTTTTAAAGGAAGAAAAATTTCAAAGGTACTCTGTTTGGTAC 360
chimpanzee         -----

human.10_000bp      AATAATCAAATATATAAATTGAGGAATAAAACATAACCACGAAACATATTTATAACTGCA 420
chimpanzee         -----

human.10_000bp      TATGGAAAATACAGAGGATAATTTTTTAAATAACATATTTTGAAAACCTTAACTAGGAAT 480
chimpanzee         -----

human.10_000bp      TTGAAAAGATCGCATTTGACAGGCCAGTATGAACACAACCTGAACGCAGCAAGACAGGTT 540
chimpanzee         -----

human.10_000bp      CCCCATAAAAAATCAAACACAGGGAAAATGAAACCACAAAGTTTCAATCTGCTCTGACC 600
chimpanzee         -----

human.10_000bp      TTTGAAAAACTCAGCACAGACAGTGGCACTTAGGACCAACAGCAGGAGATCCCTAATCCC 660
chimpanzee         -----

human.10_000bp      ATCACCATGGCGATAGGGCATAAACATTCAGGGTGAAGTCACAATCCACATGGGAGGT 720
chimpanzee         -----

human.10_000bp      CCAACTGCTGCCAGGCAGACAGGTGTGCCTTTACATGTACAGGAAGGTCATTGAAGGCTC 780
chimpanzee         -----

human.10_000bp      AGTGTTTGTGTTTCAAAAAGTGAATCCCAAGACCAAAACATTGTTATGCTGTGCTTCTTAA 840
chimpanzee         -----

human.10_000bp      ATAAGTTATGAGATGGGAAAGAGGGCACCCCAAATATATATATATAATTATATATAATAT 900
chimpanzee         -----

human.10_000bp      AATATATATAATATACATAATTATGTATAATATAATATATAATATACATAATCTCCTT 960
chimpanzee         -----ATATACATAATTATATATAATTTAATATATATAACAGATACAATTTCCCTT 50
                    *****:***** * * * * * *****

human.10_000bp      TTACATCCTGCATCCTTATATTATATATAATATATTATATATAATAATATATAATAATAT 1020
chimpanzee         TTACATCCTGCATCATTATAATCTATATATTATCTGCAATATAATAGTAAATAAT----- 105
                    *****:*****:***.*.:*****.**:*****

human.10_000bp      ATAATTATTATATATAATATATAACAATTATATATGATTATATAATTGTATATAATTAT 1080
chimpanzee         -----TTTAATATATAATATAATATAAT-----T 131
                    *:*****.:*:*****.** *

human.10_000bp      ATATATAATATAATAATATATAATATCTATTATTATATTATATATAATATAATATTATAA 1140
chimpanzee         ATATATACTATAACAATATATTTCTATAGAATAT-----ATAT 168
                    *****:*****:***.*.:***:***:

human.10_000bp      TATATATCATATATTATAATATTATATGTAATATAATATAATATCATAATATATAATATA 1200
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human.10_000bp 2460
chimpanzee

human.10_000bp 2520
chimpanzee

human.10_000bp 2580
chimpanzee 753
-CATACATTATAT-----
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human.10_000bp 2640
chimpanzee

human.10_000bp 2700
chimpanzee

human.10_000bp 2760
chimpanzee 770
-----GCAGACAGGTGTGCTTT

human.10_000bp 2820
chimpanzee 830
TACATGTGCAGGAGGATCATTGAAGTCACAGTGTGTTTGTTCAAAACTGAATCCCAAGC
TACATGTACAGGACAGTCATTGAAGGTCAGTGTGTTTGTTCAAAACTGAATCCCAAGC
*****.*****.*****.*:*****

human.10_000bp 2880
chimpanzee 890
CCACACATTATTATGCTGTGCTTCTTAAAATAATTTATGAGATGGGAAATATGGCACCCC
CCACACATTATTATGGTGTCTTCTTAAAATAAGTTATGAGATGGGAAATAGGGCACCCC
***** ** *****

human.10_000bp 2940
chimpanzee 939
CAAATATATATATATAATTATATATAATATAATATATATAATAGATATAATTTCTTT
CAAATATATATATACATAATTATATGTAATACAATATATAATACATATG-----
***** *****.***** *****:;* **.

human.10_000bp 3000
chimpanzee 979
TACATCCTGCATCCTTATATATATTACATTATATAAAATATAATAATATATAATTATATA
-----ATTATACATAATATAATATATAATACATGTAATATATA
::***:*****:*****::*::: :*:*****

human.10_000bp 3060
chimpanzee 1032
TAATATAATATAATAATATAAAATATATATTACTATATTATATATAATATATAATATATA
TAACCTCCT-----TTTTTCATCCTGCATCCTTCCATTATATATAATATATTATATA
*** :*. * *::*. * . * . * . *****:*****

human.10_000bp 3120
chimpanzee 1059
TTATATATTAACAATACAATAACATATAATATATGTTATATATAAATCTATATATAATG
TTATAAT-----AATATATAATAATATATAAT-
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human.10_000bp 3180
chimpanzee 1097
TATAACATATATAATATTACCTATGATATATAAATAATATATATTATGTATAATATATCAT
--TATCATATATAATATAACATAT-----AATTATATATAAAT---AT
::***:**.*** :*****.*****: **

human.10_000bp 3240
chimpanzee 1137
ATTATAATATATATAATATAGTATATATAATATGTATTATATAAATATCTAATATTATATA
ATATGATCATATATAATATAATATGTATAAT-----TATATAATG
::* : ***.***.***** *****:***.

human.10_000bp 3300
chimpanzee 1196
ATATATAATATATCATATATAATATATTATGATATATTATATATAATATAAATACAATATA
ATATATAAATTACATCTATAATATAGTAAAATATATTGTATATTATAT-ATGATATATA
*****:***:***.***** **..*****.*****.***** **..*****

human.10_000bp 3360
chimpanzee 1253
ATATATTATATATTATGATACATTATATATAATATAAATACAATAAAATATATTATATATT
ATATAGTAATATTTATTTTACATTATATATTATAT---ACAATACAATATATTACATATA
***** **:::*** :*****.***** *****.***** *****

human.10_000bp 3420
chimpanzee 1288
ATGATACATTATATATAATATAAATACAATAAAATATATTATATATTATGATATATAATAT
AT-----ATATAATACATAATATATGATGTTCTATATTAT
** ***** **::***** **:* *****:***

human.10_000bp 3480
chimpanzee 1345
GTAATAAAATATAATATAATTATATATAATATAATATAACATATAAATTTATGATAT
G---TATAATATATTGAATATATAAAATATATATTAATCATATATATTATATATAATAT
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human.10_000bp 3540
chimpanzee

human.10_000bp 3600
chimpanzee

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human.10_000bp      CTCCCAGGTAGCTGGGACTACACCACACGGGGACTACACCAGGTGCCACCATGCCTGGCT 3660
chimpanzee          -----CCAT----- 1349
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human.10_000bp      AATTTTTGTATTTTTAGTAAAGACAGGGTTTCACTGTATTTGCCAGGATGGTCTTCATC 3720
chimpanzee          -----

human.10_000bp      TCCTCACCTTGTGATCCTCTTGCCCTGGCCCTCCCAAAGTGCTGGGATTACAGGCCTGAGC 3780
chimpanzee          -----

human.10_000bp      CAAGATACATATTTGTTAAAGGTAGAAAAATTTCAAATGTACTCTGCTTGGTACAATAAT 3840
chimpanzee          -----

human.10_000bp      CAAATATATAAATTGAGGAATAAAACATAACCATGAAACATATTTATAACTGCATATGGA 3900
chimpanzee          -----

human.10_000bp      AAATATAGAGGATAATTTTTTAAATAACATATTTCAAAGCATTAACTAGCAATTTGAAA 3960
chimpanzee          -----

human.10_000bp      AGATCGCATTTGACAGGCCAGTATGAACATACCTTGAATGCAGCAAGACAGGTTCCCCAT 4020
chimpanzee          -----

human.10_000bp      AAGAAAAATCAAATCAGGGAAAATGAAACCACAAAGGTTCAATCTGCTCTGACCTTCA 4080
chimpanzee          -----

human.10_000bp      AAAACTCAGCACAGACAGTGGCATTTAGGACCAACGGCAGGAGATCCCTAATCCCATCAC 4140
chimpanzee          -----

human.10_000bp      CATGGCGATAGGGCATAAACATTCAGGGTGAAGGCACAATCCACACTGTGAGGTCCAAC 4200
chimpanzee          -----

human.10_000bp      TGCTGCCATGAAGACAGGTGTGCTTTTACATGTACAGGAAGGTCATTGAAGGTTCAGGGT 4260
chimpanzee          -----

human.10_000bp      TTTATTTCAAAAATGGATCCCAAGCCACACATTATTATGCTGTGCTTCTCAAAAATAAG 4320
chimpanzee          -----

human.10_000bp      TTATGAGATGGGAAATAGGGCACCCCCAAATATATATATATATATTTATAATTATATATA 4380
chimpanzee          -----TATATTATTACATTAA 1365
                    *:***:**** **::*

human.10_000bp      ATATAATATATAATATATATAACACATATATAATTTCTTTTACATCCTGAATCCTTATA 4440
chimpanzee          GTATAATATATAATATATA-----ATATATGATT-----ACATTATA 1402
                    .*****          *****.* **          :*.*****

human.10_000bp      TTATATATAACATATTATATAGAAGATATATAATATATTTTGTACATAATATAATAT 4500
chimpanzee          TATTATATTATATATTATATTAGA-----TACATAATACAATAT 1441
                    *:***:* *****:.*          ***** *****

human.10_000bp      ATATAATTATATCTAAATATATAATTATATATAATTATATCTAAATATATAATTATATAT 4560
chimpanzee          ATAAATATTATAT---AATATATAATAAATAATAT-----AATATATAAG----- 1482
                    ***:***** *****:***:***: *****

human.10_000bp      AATTATATCTAAATATATAATTATATATAATTATATCTAAATATATAATTATATATAATT 4620
chimpanzee          -----ATATGATTATATATAAT---ATAATATAATATAATTATATATAAT- 1524
                    ****.***** **.:*:*****

human.10_000bp      ATATCTAAATATATAATTATATATAATTATATCTAAATATATAATTATATATAATTATAT 4680
chimpanzee          -----ATAATATAATCATTGTAAAT-----ATAATATATATTATATT 1561
                    *:***** **:*.***          **:*****:***:

human.10_000bp      CTAAATATATAATTATATATAATTATATCTAAATATATAATATATTATGCTATATTATACA 4740
chimpanzee          ATATATAATATATCATATATAATAATATTTTCATATATTATATAATAG---ATATCATACA 1618
                    .**:*:::*** *****:**** *.*****:*****:** *****

human.10_000bp      TAATATAATATAATGATATATAGTATAATATAATATATATCATATATATCATATATTATA 4800
chimpanzee          TTAGAGATTAT-----ATATAATATATATCATATGTTATATATAATATT 1662
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human.10_000bp 4860
chimpanzee 1721
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human.10_000bp 4920
chimpanzee 1776
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human.10_000bp 4980
chimpanzee 1834
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human.10_000bp 5040
chimpanzee 1888
*****:*****.*** * **:*****:*****.***.*****: ***** **

human.10_000bp 5100
chimpanzee 1946
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human.10_000bp 5160
chimpanzee 1991
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human.10_000bp 5220
chimpanzee 2048
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human.10_000bp 5280
chimpanzee 2107
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human.10_000bp 5339
chimpanzee 2167
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human.10_000bp 5399
chimpanzee 2227
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human.10_000bp 5459
chimpanzee 2287
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human.10_000bp 5519
chimpanzee 2339
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human.10_000bp 5579
chimpanzee 2388
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human.10_000bp 5639
chimpanzee 2447
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human.10_000bp 5699
chimpanzee 2502
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human.10_000bp 5759
chimpanzee 2561
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human.10_000bp 5819
chimpanzee 2621
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human.10_000bp 5879
chimpanzee 2681
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human.10_000bp 5939
chimpanzee 2741
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human.10_000bp 5999
chimpanzee 2800
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human.10_000bp 6059

chimpanzee TTGGCCAGGATGGTCTTGATCTCCTCACCTTGTGATCCTCTTGCCTTGGCCTCCCAAAGT 2860

 human.10_000bp GCTGGGATTACAGGCCTGAGCCAAGATACATATTTTTTAAAGGAAGAAAAATTTCAAAGG 6119
 chimpanzee GCTGGGATTACAGGCCTCAGCCAAGATACATATTTTTTAAAGGAAGAAAAATTTCAAAGG 2920

 human.10_000bp TACTCTGCTTGGTACAATAATCAAATATATAAATTGAGGAATAAACATAACCATGAAAC 6179
 chimpanzee TACTCTGCTTGGTACAATAATCAAATATATAAATTGAGGAATAAACATAACCATGAAAC 2980

 human.10_000bp ATATTTATAACTGCCTATGGAAAATACAGAGGATAATTTTTTAAATAACATATTTTGAAA 6239
 chimpanzee ATGTTTATAACTGCATATGGAGAATACAGAGGATAATTTTTTAAAAACGTATTTTGAAA 3040
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 human.10_000bp GCATTAACCTAGTAATTTGAAAAGATCGCATTTGGCAGGCCAGTATGAACATACCTTGAAT 6299
 chimpanzee GCATTAACCTACCAATTTGAAAAGATCGCATTTGACAGGCCAGTATGAACATACCTTGAAT 3100
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 human.10_000bp GCAGCAAGACAGGTTCCCCATAAGAAAATCAAATCAGGGAATATGAAACCACAAAGGT 6359
 chimpanzee GCAGCTACACAGGTTCCCCATAAGAAAATCAAATCAGGGAATATGAAACCACAAAG-- 3158
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 human.10_000bp TCAATCTGCTCTGACCTTT-CAAAACTCAGCACAGACAGTGGCACTTAGGACCAACGGC 6418
 chimpanzee -----GCTCTGACCTTTGTAAAACTCAGCACAGACAGTGGCACTTAGGACCAACGGC 3211
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 human.10_000bp AGGAGATCCCTAATCCCATCACCATGGCGATAGGGCATAAACATTCAGGGTGAAGACAC 6478
 chimpanzee AGGAGATCCCTAATCCCATCACCATGGCGATAGGGCATAAACATTCAGGGTGAAGGCAC 3271
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 human.10_000bp AATCCACATTGGGAGGTGCAACTGCTGCCATGCAGACACGTGTGCTTTTCCATGTACAGG 6538
 chimpanzee AATCCACCTTGGGAGGTCCAACGCTGCCATGCAGACAGGCGTGTGCTTTTACATGTACATG 3331
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 human.10_000bp AATGTCATTGAAGGCTCAGTGTGTTTTGTTTCAAAAATGAAATCCCAAGCTCACACATTATT 6598
 chimpanzee AAGGTCATTGAAGGCTCAGTGTGTTTTGTTTCAAAAATGCTTCCCAAGCCGATACTTTATT 3391
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 human.10_000bp ATGCTGTGATTCTTGAATAAGTTATGAGATGGGAAATAGGGCACCCCAATATAGCCA 6658
 chimpanzee ATGCTGTGCTGCTTAAATAAGTTATGAGATGGGAAATAGGGCACCCCAATATAGCCA 3451
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 human.10_000bp ATAGTGAGAGTTTCAAATGAAGAGAGGCACAACCTGATACGTTGAGAATAAACAGAGATT 6718
 chimpanzee ATAGTGACAGTTTCAAATGAAGAGAGGCACAACCTGATACGTTGAGAATAAACAGAGATT 3511
 ***** ***** ***** ***** *****
 human.10_000bp CCATTCGCTTTTTCTTTTTTAACCTTTTATGTTAGATTTCAGGGTGTACATGTGCAGG-TT 6777
 chimpanzee CCATTCGCTTTTTCTTTTTCAACCTTTTATGTTAGATTTCAGGGTGTACATGTGCAGGTTT 3571
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 human.10_000bp TTTTCTGGGTATATTGTGTGGTGTGAGGTTTTGGGTGTGAATGATCCCAACACCCAGG 6837
 chimpanzee TTTACCTGGGTATATTGTGTGGTGTGAGGTTTTGAGGTGTGAATGATCCCAACACCCAGG 3631
 ***** ***** ***** ***** *****
 human.10_000bp TACTGAACATGGTACTCAGCAGTTTTTCAACCTTTTCTTCCCTCCCTCCCTCCTAGCA 6897
 chimpanzee TACTGAACCTGGTACTCAGCAGTTTTTCAACCTTTTCTTCCCTCCCTCCCTCCTAGCA 3691
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 human.10_000bp G-TCCTAGTGTCTATTGTACCATCTTCATGTCCATGGGTACTCAGAATTTAGCTCCTAC 6956
 chimpanzee GTCCCTAGTGTCTGTTGTACCATCTTCATGTCCATGGGTACTCAGAATTTAGCTCCTAC 3751
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 human.10_000bp TTATAGGAACATGAGGCGTTTGTGTTTTCTTTACTGCATTAGTTCACCTTCGTGGATTCCAG 7016
 chimpanzee TTACAGGAACATGAAGCGTTTGTGTTTTCTTTACTGCATTAGTTCACCTTCGTGGATTCCAG 3811
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 human.10_000bp CTCTAGACATTTTCCCTCAAAGAACATAATTTTCATTCGTTTTTGTGGCTGCATAGTATTC 7076
 chimpanzee CTCTAGACATTTTCCCTCAAAGAACATAATTTTCATTCGTTTTTGTGGCTGCATAGTATTC 3871
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 human.10_000bp CATGGTCTATATGTACCACATTTTTATCCAGTCCACTGTTGATGGGCACCTAGGTTGATC 7136
 chimpanzee CATGGTCTATATGTACCACATTTTTATCCAGTCCACTGTTGATGGGCACCTAGGTTGATC 3931
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 human.10_000bp CCATGTCTTTGCTAATGTGAATAGTGTGCAATAAACATATAAGCGCATACGCTTTTTTG 7196
 chimpanzee CCATGTCTTTGCTAATGTGAATAGTGTGCAATAAACATATAAGCGCATACGCTTTTTTG 3991
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 human.10_000bp GTGGAATGATTTGTTTTCTTTTGGATACATATTCAGTAATGAGACTGCTGGGTGAAATGT 7256
 chimpanzee GTGGAATGATTTGTTTTCTTTTGGATACATATTCAGTAATGAGACTGCTGGGTGAAATGT 4051

human.10_000bp	TAGTTCGTGTTTTATGTTCTTTGAGAAATCTCCAAATTGCTTTCCACAGTGGCTGAACTAA	7316
chimpanzee	TAGTTCGTGTTTTATGTTCTTTGAGAAATCTCCAAATTGCTTTCCACAGTGGCTGAACTAA	4111

human.10_000bp	CTTACATCCCCACCAAAGGTGTATAAGCATTCCTTTTCTCCTTATCCTTGCCAGTATCT	7376
chimpanzee	CTTACATCCCCACCAAAGGTGTATAAGCATTCCTTTTCTCCTTATCCTTGCCAGTATCT	4171

human.10_000bp	GCTATTTTTTTTTTTTTT---ACTTTTTAAAAATAGCCATTCTGACTAGTGAGAGATAAT	7432
chimpanzee	GCTATTTTTTTTTTTTTT---GACTTTTTAAAAATAGCCATTCTGACTGGTGAGAGATAAT	4231

human.10_000bp	ATCTCATTGTGGTTTTGATTTGCATTTCTCTCGTGATTAGTGATGATGAGCATTTTTTTC	7492
chimpanzee	ATCTCATTGTGGTTTTGATTTGCATTTCTCTCGTGATTAGTGATGATGAGCATTTTTTTC	4291

human.10_000bp	ATGTTTGTGGCTGCATGTGTGTCTCCTTCTGAGAAGTGTCTATGTCTTTTCCCCCTTTT	7552
chimpanzee	ATGTTTGTGGCTGCATGTGTGTCTCCTTCTGAGAAGTGTCTGTGTCTTTTCCCCCTTTT	4351

human.10_000bp	TAAATGGGGTTGTGTTTTGCTTGTGAATTATGTTCCCTTATAGATTCTAAATATTAGACC	7612
chimpanzee	TAAATGGGGTTGTGTTTTGCTTGTGAATTATGTTCCCTTATAGATTCTAAATATCAGACC	4411

human.10_000bp	TTTGTGGATGCATAGTTTGTGAATAATTCCCCCATTTCTGTAGGTTGTTACTCTGCTG	7672
chimpanzee	TTTGTGGATGCATAGTTTGTGAATAATTCCCCCATTTCTGTAGGTTGTTACTCTGCTG	4471

human.10_000bp	ATGGTTTCCTTTGCTGTGTGGCAGCTCTTAGTTTAATTAGGTCCCATTTGTCAACTTTT	7732
chimpanzee	ATGGTTTCCTTTGCTGTGTGGCAGCTCTTAGTTTAATTAGGTCCCATTTGTCAACTTTT	4531

human.10_000bp	GCTTTTGTGCAATTTCTTTTGAAGACTTAGTCATGAATTATTTCCCATAGCCCATATCC	7792
chimpanzee	GCTTTCGTTGCAATTTCTTTTGAAGACTTAGTCATGAATTATTTCCCATAGCCCATATCC	4591

human.10_000bp	AGAATGGTACTTTTGAAGTTTTCTTCTAGGATTATTGTAGTTGAGGTCCTAAATTTAA	7852
chimpanzee	AGAATGGTACTTTTGAAGTTTTCTTCTAGGATTATTGTAGTTGAGGTCCTAAATTTAA	4651

human.10_000bp	ATCTTTAATCCAACCTGAGTTAATTTTTGTATATGGTGAAAAGGTGACCAGTTTTTTGTT	7912
chimpanzee	ATCTTTAATCCAACCTGAGTTAATTTTTGTATATGGTGAAAAGGTGACCAGTTTTTTGTT	4711

human.10_000bp	TTTTGTTTTGTTTTTTGTTTGTGTTGTTGTTGTTTTTTGAGAGGTAGTCTTCCCTCTGCACC	7972
chimpanzee	TTTTGTTTTGTTTTTTGTTTGTGTTGTTGTTGTTTTTTGAGAGGTAGTCTTCCCTCTGCACC	4771

human.10_000bp	AGGCTGTAGCAGAGTGGCGCCATCTCAGCTCACAGCAACCTCCACCTGCCGGGTTCAAGC	8032
chimpanzee	AGGCTGTAGCAGAGTGGCGCCATCTCAGCTCACAGCAACCTCCACCTGCCGGGTTCAAGC	4831

human.10_000bp	GCTTCTCCTGCCTCAGCTTCCCTGAGTCGCTGGGATTACAGGCACGTGCCACCACCCCAG	8092
chimpanzee	GATTCTCCTGCCTCAGCTTCCCTGAGTCACCTGGGATTACAGGCACGTGCCACCACCCCAG	4891
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human.10_000bp	CTAATTTTGTATTTTTAGTAGAGACAGGTTTACCATGTTGGCCGGGCTGGACTTGAT	8152
chimpanzee	CTAATTTTGTATTTTTAGTAGAGACAGGTTTACCATGTTGGCCGGGCTGGACTCGAT	4951

human.10_000bp	CTTCTGACCTTGTGATCCTCCCACCTTGCCCTCCCAAAGTGCTGGGATCACAGTCGTGAG	8212
chimpanzee	CTTCTGACCTTGTGATCCTCCCACCTTGCCCTCCCAAAGTGCTGGGATCACAGTCGTGAG	5011

human.10_000bp	CCACTGTGCCTGGCCAATAAGGTGCATTATTAACATCAATAAAGCTCAGGAAACAGCTTT	8272
chimpanzee	CCACTGTGCCTGGCCAATAAGGTGCATTATTAACATCAATAAAGCTCAGGAAACAGCTTT	5071

human.10_000bp	CACCATATTTTTGTTTAAATTTACAGTTTTTCCCAGAGTCTTTGGAATAGATTCTCCCTC	8332
chimpanzee	CACCATATTTTTGTTTAAATTTACAGTTTTT-----CTTTGGAATAGATTCTCCCTC	5122

human.10_000bp	CATGAGCCAGAGAACTTACAATGTTCACTACAGTGTCTTTAAATGTAGCAGTAGCAGCTG	8392
chimpanzee	CATGAGCCAGAGAACTTACAATGTTCACTACAGTGTCTTTAAATGTAGCAGTAGCAGCTG	5182

human.10_000bp	TGGGTTGAGAACACAAGTCTTCGACTCTTCCCTTTTAGAGCCAGCCATTCACGGTGCTCTG	8452
chimpanzee	TGGGTTGAGAACACAAGTCTTCGACTCTTCCCTTTTAGAGCCAGCCATTCACGGTGCTCTA	5242

human.10_000bp 8512
chimpanzee 5302
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human.10_000bp 8572
chimpanzee 5362

human.10_000bp 8632
chimpanzee 5422

human.10_000bp 8692
chimpanzee 5478

human.10_000bp 8752
chimpanzee 5538

human.10_000bp 8812
chimpanzee 5598

human.10_000bp 8872
chimpanzee 5658

human.10_000bp 8931
chimpanzee 5718
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human.10_000bp 8991
chimpanzee 5778

human.10_000bp 9051
chimpanzee 5837
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human.10_000bp 9111
chimpanzee 5897
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human.10_000bp 9170
chimpanzee 5957

human.10_000bp 9230
chimpanzee 6017

human.10_000bp 9290
chimpanzee 6077

human.10_000bp 9350
chimpanzee 6137

human.10_000bp 9410
chimpanzee 6197

human.10_000bp 9470
chimpanzee 6257
*****.*****

human.10_000bp 9530
chimpanzee 6317

human.10_000bp 9590
chimpanzee 6377

human.10_000bp 9650
chimpanzee 6436
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