```
                    20                  40                  60                  80                  100
        ------------------+-------------------+-------------------+-------------------+-------------------+
  1     ATGAAGACCTTCCTCATCTTTGTCCTCCTTGCCATGGCGATGAAGATCGCCACTGCCGCTAGGGAGTTAAACCCTAGCAACAAAGAGTTACAATCACCTC  AY6670978-Hassani
  1     ATGAAGACCTTCCTCATCTTTGTCCTCCTTGCCATGGCGATGAAGATCGCCACTGCCGCTAGGTAGTTAAACCCTAGCAACAAAGAGTTACAATCACCTC  EF116278-Liu
  1     ATGAAGACCTTCCTCATCTTTGTCCTCCTTGCCATGGCGATGAAGATCGCCACTGCCGCTAGGGAGTTAAACCCTAGCAACAAAGAGTTACAATCACCTC  AF280605-F20b-Hsia
  1     ATGAAGACCTTCCTCATCTTTGTCCTCCTTGCCATGGCGATGAACACCGCCATTGCCGCTAGGCAACTAAACCCTAACAACAAAGAGTTACAATCACCTC  EF116277-Liu
  1     ATGAAGACCTTTCTCATCTTTGTCCTCCTTGCCATGGCGATGAACATCGCCACTGCCGCTAGGCAGCTAAACCCTAGCAACAAAGAGTTACAATCACCTC  AF280606-G3-Hsia
  1     ATGAAGACCTTCATCATATTCGTCCTCCTTTCCATGCCTATGAGCATCGTCATTGCTGCTAGGCATCTCAACCCTAGCGACCAAGAGTTGCAGTCACCAC  AB059812-Masoudi
  1     ATGAAGACCTTCATCATATTCGTCCTCCTTTCCATGCCTATGAGCATCGTCATTGCTGCTAGGCATCTCAACCCTAGCGACCAAGAGTTGCAGTCACCAC  DQ307378-Hao
  1     ATGAAGACCTTCATCATATTCGTCCTCCTTTCCATGCCTATGAGCATCGTCATTGCTGCTAGGCATCTCAACCCTAGCGACCAAGAGTTGCAGTCACCAC  AY591334-Chen
  1     ---------------------------------------ATGAGTAG-------GCTGCTAAG--------CCCTAGCGACCAACAGTTGCAATCACCAC  AJ937839-Snegaroff

                    120                 140                 160                 180                 200
        ------------------+-------------------+-------------------+-------------------+-------------------+
101     AACAATCATTTTCCCATCAACAACAACCATTTCCACAGCAGCCATATCCACAACAACCATATCCATCACAGCAACCATATCCATCGCAACAACCATTTCC  AY6670978-Hassani
101     AACAATCATTTTCCCATCAACAACAACCATTTCCACAGCAGCCATATCCACAACAACCATATCCATCACAGCAACCATATCCATCGCAACAACCATTTCC  EF116278-Liu
101     AACAATCATTTTCCTATCAACAACAACCATTTCCACAGCAGCCATATCCACAACAACCATATCCATCACAGCAACCATATCCATCGCAACAACCATTTCC  AF280605-F20b-Hsia
101     AACGATCATTTTCCCATCAACAAAAACTATTTCCACAACAGCCATATCCACAACAACCATATCCATCACAGCAACCATATCCATCACAACAACCATTTTC  EF116277-Liu
101     AACAATCATTTTCCCATCAACAACAACCATTTCCACAGAAGTCATATCCACAACAACCATATCCATCACATCAACCATATCCATTGCAACAACCATTTCC  AF280606-G3-Hsia
101     AACAACAATTT--CTGGAAAAAACAATCATATCCGCTGCAACCATATCCACATCAACCATAT---TCACA---------------ACAACAACAATTTCC  AB059812-Masoudi
101     GACAACAATTT--CTG-AAAAAACAATCATATCCGCTGCAACCATATCCACATCAACCATAT---TCACA---------------ACAACAACAATTTCC  DQ307378-Hao
101     AACAACAATTT--CTGGAAAAAACAATCATATCCGCTGCAACCATATCCACATCAACCATAT---TCACA---------------ACAACAACAATTTCC  AY591334-Chen
 47     AACAACAATTT--CCGGAAGAA-CAATCATATCCGCAGCAACCATATCCACAGCAAGCA-----------------------------------TTTCC  AJ937839-Snegaroff

                    220                 240                 260                 280                 300
        ------------------+-------------------+-------------------+-------------------+-------------------+
201     CACACCCCAACAACAATTTCCCCAGCAATCACAACAACCATTTACCCAGCCCCAACAACCGACCCCCTTACAACCACAACAACCATTCCCCCAGCAACCC  AY6670978-Hassani
201     CACACCCCAACAACAATTTCCCCAGCAATCACAACAACCATTTACCCAGCCCCAACAACCGACCCCCTTACAACCACAACAACCATTCCCCCAGCAACCC  EF116278-Liu
201     CACACCCCAACAACAATTTCCCGAGCAATCACAACAACCATTTACCCAGCCCCAACAACCGACCCCCATACAACCACAACAACCATTCCCCCAGCAACCC  AF280605-F20b-Hsia
201     CACACCCCAACAACAATTTCCCCAGCAATCACAACAATTATTTCCCCAACCCCAACAACCGACCCCCTTACAACCACAACAACCATTCCCCCAGCAACCC  EF116277-Liu
201     TACACCCCAACAACAATTTCCCCAGCAATCACAACAACCATTTCCCCAACCCCAACAACCGACCCCCCTACAACCACAACAACCATTCCCCCAGCAAC--  AF280606-G3-Hsia
181     CATACCCCAACAATATTCCCCCCATCAACCACAACAACCATTTCCCCAACCCCAACAACCAACCCTCCTACAACCACAATGACCATTCCCCTGGCAACCC  AB059812-Masoudi
180     CATACCCCAACAATATTCCCCCCATCAACCACAACAACCATTTCCCCAACCCCAACAACCAACCCTCCTACAACCACAATGACCATTCCCCTGGCAACCC  DQ307378-Hao
181     CATACCCCAACAATATTCCCCCCATCAACCACAACAACCATTTCCCCAACCCCAACAACCAACCCTCCTACAACCACAATGACCATTCCCCTGGCAACCC  AY591334-Chen
108     CATACCCCAACAATATTCCCCGCATCAACCACAACAACCATTTCCTCAACCCCAACGACCAACCCCCCTACAATCACAACAACCATTCCCCCAGCAACCC  AJ937839-Snegaroff

                    320                 340                 360                 380                 400
        ------------------+-------------------+-------------------+-------------------+-------------------+
301     CAACAACCACAACAACCTTTTCCACAA-CCCCAACAACCATTTCCC-TGGCAACCACAACAACCATTTCCCCAGACCCAACAATCGTTCCCTCTCCAACC  AY6670978-Hassani
301     CAACAACCACAACAACCTTTTCCACAA-CCCCAACAACCATTTCCC-TGGCAACCACAACAACCATTTCCCCAGACCCAACAATCGTTCCCTCTCCAACC  EF116278-Liu
301     CAACAACCACAACAACCTTTTCCACAA-CCCCAACAACCATTTCCC-TGGCAACCACAACAACCATTTCCCCAGACCCAACAATCGTTCCCTCTCCAACC  AF280605-F20b-Hsia
301     CAACAACCACAACAACCTTTTCCACAG-CCCCAACAACCATCTTCC-TGGCAACCACAACAACCATTTCCCCAGACCCAACAATCGTTCCCTCTGCAACC  EF116277-Liu
299     -------CACAACAACCTTTTCCACAG-CCCCAACAACCATTTCCT-TGGCAACCACAACAACCATTTCCCCAGACCCAACAATCGTTCCCTCTGCAACC  AF280606-G3-Hsia
281     CAACAACCACAACGACCTTTTCCCCAG-CCCCAACAACAATTTCCC-TTGCAACCACAACGACCATTTCCCTAGCCCCAACAACCAATTCCCCAATAACC  AB059812-Masoudi
280     CAACAACCACAACGACTTTTTCCCCAAGCCCCAACAACAATTTCCCCTTGCAACCACAACGACCATTTCCCTAGCCCCAACAACCAATTCCCCAATAACC  DQ307378-Hao
281     CAACAACCACAACGACCTTTTCCCCAG-CCCCAACAACAATTTCCC-TTGCAACCACAACGACCATTTCCCTAGCCCCAACAACCAATTCCCCAATAACC  AY591334-Chen
208     AAACAACCACAACAATCTTTTTCCCAG-CCCCAACAACAATT-CCCCTTGCAACCACAACAACCATTTCCCCAGCCTCAACAACCAATTCCCCAACAACC  AJ937839-Snegaroff

                    420                 440                 460                 480                 500
        ------------------+-------------------+-------------------+-------------------+-------------------+
399     ACAACAGCCATTCCCCCAGCAACCCCA---------ACAACCATTTCCCCAGC----------------------------CCCAACTACCATTCCCCCA  AY6670978-Hassani
399     ACAACAGCCATTCCCCCAGCAACCCCA---------ACAACCATTTCCCCAGC----------------------------CCCAACTACCATTCCCCCA  EF116278-Liu
399     ACAACAGCCATTCCCCCAGCAACCCCA---------ACAACCATTTCCCCAGC----------------------------CCCAACTACCATTCCCCCA  AF280605-F20b-Hsia
399     ACAACAGCCATTCCCCTAGCAAGCCCA---------ACAACCATTTCCCCAAC----------------------------CCCAACTACCATTCCCCCA  EF116277-Liu
390     ACAACAGCCATTTCCCCAGCAACCCCA---------ACAACCATTTCCCCAGC----------------------------CCCAACTACCATTCCCACA  AF280606-G3-Hsia
379     ACAACAACAATTCCCGCAGCAACCCCAGAGACCACAACAACCATTCCCCCAGCAACCAGAACAAATAATTACG-CAGCAACCGCAACAACCATTTCCCTT  AB059812-Masoudi
380     ACAACAACAATTCCCGCAGCAACCCCAGAGACCACAACAACCATTCCCCCAGCAACCAGAACAAATAATTACGGCATCAACCGCAACAACCATTTCCCTT  DQ307378-Hao
379     ACAACAACAATTCCCGCAGCAACCCCAGAGACCACAACAACCATTCCCCCAGCAACCAGAACAAATAATTACG-CATCAACCGCAACAACCATTTCCCTT  AY591334-Chen
306     ACGACAACCATTCCCGGAGCAACCCCAGAGACCCCAACAACCA------CAACAATC-----------TTTT--CCTCAGCCCCAACAACAATTCCCCTT  AJ937839-Snegaroff

                    520                 540                 560                 580                 600
        ------------------+-------------------+-------------------+-------------------+-------------------+
462     GCAATCAGAACAAGTAATTCCCCAGCAACC---------------CCAACAACCATTCC------CCCTGCAACCGCAACAACCATTCCCCCAACAACCC  AY6670978-Hassani
462     GCAATCAGAACAAATAATTCCTCAGCAACC---------------CCAACAACCATTCC------CCCTGCAACCGCAACAACCATTCCCCCAGCAACCC  EF116278-Liu
462     GCAATCAGAACAAATAATTCCCCAGCAACT---------------CCAACAACCATTCC------CCCTGCAACCGCAACAACCATTCCCCCAGCAACCC  AF280605-F20b-Hsia
462     GCAACCAGAACAAATAACTCCCCAGCAACCAGAACAAATAATTACCCAACAACCATTCC------CCCTGCAACCCCAACAAGCATTCCCCCAGCAACCC  EF116277-Liu
453     ACAACCAGAACAAATAATTCCCCAGCCAAACCAACAACCATTCCCCCTGCAACCGCAACAA------CCATTCCCCCAACAACCATTCCCCCAGCAACCC  AF280606-G3-Hsia
478     TTAACTGCAACAACCATTCCCCCAGCAACCCCAACAACCATTCTCTCTGCAACCACAACAACAATTTCCCCAGCCCCAACAATCATTTCCCCAGCAACCA  AB059812-Masoudi
480     TTAACTGCAACAACCATTCCCCCAGCAACCCCAACAACCATTCTCTCTGCAACCACAACAACAATTTCCCCAGCCCCAACAATCATTTCCCCAGCAACCA  DQ307378-Hao
478     TTAACTGCAACAACCACTCCCCCAGCAACCCCAACAACCATTCTCTCTGCAACCACAACAACAATTTCCCCAGCCCCAACAATCATTTCCCCAGCAACCA  AY591334-Chen
387     GCAACCACAACAACCATTTCCCCAGC---CCCAACAACCACAACAACCATTCCCGCAGCAAC---CCCAGAGACCACAACAATCATTCCCCCAGCAACCA  AJ937839-Snegaroff

                    620                 640                 660                 680                 700
        ------------------+-------------------+-------------------+-------------------+-------------------+
541     CAACAACCATTTCCCCAGC---CCCAACAACCAATCCCCGTGCAACCCCAACAATCATTCCCCCAACAATC---------------CCAACAATCACAAC  AY6670978-Hassani
541     CAACAACCATTTCCCCAGC---CCCAACAACCAATCCCCGTGCAACCACAACAATCATTCCCCCAACAATC---------------CCAACAATCACAAC  EF116278-Liu
541     CAACAACCATTTCCCCAGC---CCCAACAACCAATCCCCGTGCAACCACAACAATCATTCCCCCAACAATC---------------CCAACAATCACAAC  AF280605-F20b-Hsia
556     CAACAACCATTTCCCCAGC---CCCAACAACCAATCCCCGTGCAACCACAGCAACCATTCCCCCAGCAATC---------------CCAACAATCACAAC  EF116277-Liu
547     CAATAACCATTTCCCCAGT---CCCAACAACCAATCCCCGTGCAACTACAACAACCATTACCCCAACAATC---------------CCAACAATCACAAC  AF280606-G3-Hsia
578     GGACAAATAACTCCCTAGCAACCCCAACAACCATTCCCCCCGCAACCGCAACAACCATTCCCCCAGCAACCAGAACAAATAATTCCCCAGCAACCGCAAC  AB059812-Masoudi
580     GGACAAATAACTCCCTAGCAACCCCAACAACCATTCCCCCCGCAACCGCAACAACCATTCCCCCAGCAACCAGAACAAATAATTCCCCAGCAACTGCAAC  DQ307378-Hao
578     GGACAAATAACTCCCTAGCAACCCCAACAACCATTCCCCCCGCAACCGCAACAACCATTCCCCCAGCAACCAGAACAAATAATTCCCCAGCAACCGCAAC  AY591334-Chen
481     GAACAAATAATTCCCCAGCAACCGCAACAACCATTTCCCCTGCAACCACAACAACAATTCCCCGAGCAATCAGAACAAATAATTTCCCAGCAACGCCAAC  AJ937839-Snegaroff
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