```
# STOCKHOLM 1.0

AL939108.1/337004-336876     CAGCGCACUCCGGGGUCGGUGAAAGUCCGAACCGGCGGUUA.............................CAGUCCGCGA.CCCGGUC
AE001878.1/30-178            GACCUCUUUCGGGGCGGGGCGAAAUUCCCCACCGGCGGUAAGUUCUCCCGAAC.....................AAGCCCGCGAAGCCCGCG
Z99116.2/921-787             AUCAAUCUUCGGGGCAGGGUGAAAUUCCCUACCGGCGGUGAUGAGCCAAUGGCUCU..................AAGCCCGCGA.GC.....
L09228.1/7992-8136           UUGUAUCUUCGGGGCAGGGUGGAAAUCCCGACCGGCGGUAGUAAAGCACAUUUGCUUUA...............GAGCCCGUGA.CCCGUGU
X95955.1/376-523             UGUAUCCUUCGGGGCUGGGUGAAAAUCCCGACCGGCGGUAAUAAGGCGCUCCUGCGCUUUA..............CAGCCCGUGA.CCCGUAU
X51510.1/938-1082            UGUAUCCUUCGGGGCAGGGUGGAAAUCCCGACCGGCGGUAGUAAAGCACAUUUGCUUUA................GAGCCCGUGA.CCCGUGU
AJ010128.1/362-218           CAGCAUCUUCGGGGUCGGGUGAAAUUCCCAACCGGCGGUGAUGAAGUGCAAACUUCU..................AAGUCCGUGA.CCCGUUU
AL591981.1/267609-267487     GUUCAUCUUCGGGGCAGGGUGCAAUUCCCGACCGGUGGUUA.............................AAGUCCACGA.UCUGC..
AL596170.1/284996-284874     GUUCAUCUUCGGGGCAGGGUGCAAUUCCCGACCGGUGGUUA.............................AAGUCCACGA.UCUGC..
AF269712.1/1300-1435         AUUCAUCUUCGGGGUAGGGUGUAAUUCCCAACCGGCAGUAAUCU...........................AAGCCUGCGA..CGACAA
AF269345.1/3001-2863         UAUUUCUUUCGGGGCAGGGUGAAAUUCCCAACCGGCAGUAAAUU...........................GAGCCUGCGA.CCCACUA
AE007781.1/7704-7588         AAUGAUCUUCAGGGCAGGGUGAAAUUCCCUACCGGCGGUA...............................UAGCCCGCGA.GC.....
AE007574.1/3571-3685         GAUGUUCUUCAGGGAUGGGUGAAAUUCCCAAUCGGCGGUA...............................AAGCCCGCAA.GCC....
AE013024.1/1-102             .........CGGGGCAGGGUGGAAUUCCCGACCGGCAGUGA..............................AAGCCUGCGA.GCC....
AE006333.1/7352-7468         AUAAAUCUUCAGGGCAGGGUGUAAUUCCCUACCGGCGGUA...............................UAGCCCGCGA.GC.....
AE006360.1/976-840           AAAUAUCUUCAGGGCACCGUGUAAUUCGGGACCGGCGGUAAAUAGGGCUUUGACCUUAU.............GACUCCGCGAUUCGCUAC
AE014142.1/1906-2030         AAGUGUCUUCAGGGCAGGGUGUGAUUCCCGACCGGCGGUGACUAGGUAACUAG.....................AAGUCCGCGA.GC.....
AL766851.1/11027-10882       AGGUGUCUUCAGGGCAGGGUGUAAUUCCCGACCGGCGGUAAUCGCUUCCAACUUAUUUGUCAGUUGUGAAGCAUCAGUCCGCGA.GC.....
AE007333.1/6190-6076         AACUAUCUUCAGGGCAGGGUGAAAUUCCCUACCGGUGGUA...............................UAGCCCACGA.GC.....
AL766847.1/1-103             ......CUUCGGGGUCAGGUGAAAAUCCUAACCGGCGGUA...............................UAGUCCGCGA.GC.....
AE008399.1/8878-8764         AACUAUCUUCAGGGCAGGGUGCAAUUCCCUACCGGUGGUA...............................UAGCCCACGA.GC.....
AE009695.1/6814-6651         GCUUGUUCUCGGGGCGGGGUGAAACUCCCCACCGGCGGUAUGAAAAGCAAUUUUC.....................AAGCCCGCGA.GCGCCUG
AE008109.1/1004-1154         GGUUGUUCUCAGGGCGGGGUGCAAUUCCCCACCGGCGGUAUCGGGAUUUGUCCCG.....................GAGCCCGCGA.GCGCUUC
AL591790.1/15823-15987       AAGCGUUCUCAGGGCGGGGUGAAAUUCCCCACCGGCGGUAGCGAACACAGGAUCGGGAAUGGUCGGUGGUCG..GAGCCCGCGA.GCGCUUC
AL646083.1/100911-100755     GUACGUCUUCAGGGCGGGGUGGAAUUCCCCACCGGCGGUAUGCGGGCCAUCGGUCUGC.................GAGCCCGCGA.GCGCCCG
M64472.1/901-1048            GCUUAUUCUCAGGGCGGGGCGAAAUUCCCCACCGGCGGUAAAUCAACUCAGUUGA.....................AAG.CCGCGA.GCGCUUU
U27202.1/210-335             AAUAAUCUUCAGGGCAGGGUGAAAUUCCCGAUCGGCGGUA...............................AAGUCCGCGA.GCCGAAC
U32760.1/7642-7819           UCGCAUUCUCAGGGCAGGGUGAAAUUCCCUACCGGUGGUA...............................AAGCCCACGA.GCGUUUA
AE006176.1/9504-9349         GCGCAUUCUCAGGGCAGGGUGAAAUUCCCUACCGGUGGUAAAUGUAUAACAU.....................AAGCCCACGA.GCGUUUA
AE004822.1/2219-2057         UAACGUUCUCAGGGCGGGGUGAAAGUCCCCACCGGCGGUAAUGGCGCGCAAGGCGCC.................UAGCCCGCGA.GCGCUUG
AE004431.1/9358-9220         CAAUAUUCUCAGGGCGGGGCGAAAUUCCCCACCGGUGGUAUGCCGCAAGGC.......................GAGCCCACGA.GCGCUCG
AE012168.1/3092-3260         GAACGUCUUCAGGGCGGGGUGCGAUUCCCCACCGGCGGUAUGCAUGCGCAAGCGUGU.................GAGCCCGCGA.GCGCUUC
AJ009832.1/4549-4670         GAUCGCUCUCGGGGCAGGGUGGAAUUCCCGACCGGCGGUGA..............................AAGCCCGCGA.GCC....
AE001820.1/156-35            AAACGCUCUCGGGGCAGGGUGGAAUUCCCGACCGGCGGUGA..............................AAGCCCGCGA.GCC....

pao_4536674-4536839:n        UAACGUUCUCAGGGCGGGGUGAAAGUCCCCACCGGCGGUAAUGGCGCGCAAGGCGCC.................UAGCCCGCGA.GCGCUUG

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Z99116.2/921-787            .......................................................UGUCUUUACAGCAGGAUUCG.....GUGAGAUUCCGGA
L09228.1/7992-8136          GC......................................................AUAAGCACGCGGUGGAUUCA.....GUUUAA.GCUGAA
X95955.1/376-523            GC......................................................AUCUGUAUACGGUGGAUUCA.....GUGAAAAGCUGAA
X51510.1/938-1082           GC......................................................AUAAGCACGCGGUGGAUUCA.....GUUUAA.GCUGAA
AJ010128.1/362-218          UCA.....................................................ACUCGAAAACGGUGGAUCUA.....GUGAAACUCUAGG
AL591981.1/267609-267487    .......................................................UUUUUUAGCAGUUGACUCUG.....GUGUAAUUCCAGG
AL596170.1/284996-284874    .......................................................UUUCUUAGCAGUUGACUCUG.....GUGUAAUUCCAGG
AF269712.1/1300-1435        CGUAUUAAU...............................................UUUUGCUUUGUCUUGAUUCA.....GUGAGAGUCUGAA
AF269345.1/3001-2863        AUAUUGUUUU..............................................UGAUGUUAGUGGCUGAUCUA.....GUGUGAAUCUAGA
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AE007574.1/3571-3685        ..........................................................AUUUGGCAGAUCCG.....GUUAAACUCCGGG
AE013024.1/1-102            .....................................................GCAUAUGCGGUUGACUCG.....GUGAAAUUCCGAG
AE006333.1/7352-7468        .....................................................UGCUUGCAGCAUGAUUCG.....GUGAAACUCCGAG
AE006360.1/976-840          ...........................................................GGCGAUUGAAGCA.....GUGAGAAUCUGCU
AE014142.1/1906-2030        ............................................................GCAAGCUGAUGUG.....GUGUAACUCCACA
AL766851.1/11027-10882      ............................................................GAAAGCUGAUGUG.....GUGAGAUUCCACA
AE007333.1/6190-6076        ..................................................CGAAAGGCAUGAUUUG.....GUGAAAUUCCAAA
AL766847.1/1-103            ..................................................UUUCGAGCAUGAACUG.....GUGUGAUUCCAGU
AE008399.1/8878-8764        ..................................................CGAAAGGCAUGAUUUG.....GUGAAAUUCCAAA
AE009695.1/6814-6651        AAAUGGAAGCCGAUUCGCAUGCCA................................UUUCAGGGUCAGCAGAUCCG.....GUGAGAUGCCGGA
AE008109.1/1004-1154        CGGUCUCCAAAG............................................CCGGAAGGUCAGCAGAUCCG.....GUGAGAGGCCGGA
AL591790.1/15823-15987      GCAUUUCG................................................UGCGAAGGUCAGCAGAUCCG.....GUCGAAUUCCGGA
AL646083.1/100911-100755    GCAUGCGCAGCGCA..........................................UGCCGGGGUCAGCAGAUCCG.....GUGAGAUGCCGGG
M64472.1/901-1048           GGGUGCGAA...............................................CUCAAAGGACAGCAGAUCCG.....GUGUAAUUCCGGG
U27202.1/210-335            GA......................................................AAAAGGUUUGGCAGGAACCG.....GUGAGAUUCCGGU
U32760.1/7642-7819          AAAGUGCGGUCAAUUUUUGGCAAAUUUUUCCUGCGAAAUUGUCCUGAUUUUCACUUUUAAAGUCAGCAGAUUUG.....GUGAAAUUCCAAA
AE006176.1/9504-9349        CUAUUUCAUGUCACAAGAGA....................................UAGUAAAGUCAGCAGAUUUG.....GUGAGAAUCCAAA
AE004822.1/2219-2057        CCGGACCGGCCACCGCCGGA....................................CGACAAGGUCAGCAGACCCG.....GUGCGAUUCCGGG
AE004431.1/9358-9220        AUU.....................................................CGUCGAGGUCAGCAGAUCUG.....GUGAGAAGCCAGG
AE012168.1/3092-3260        GCUGCCGAUCUCUCGCUGAGAGCACGGC............................GGUGAAGGUCAGCAGAUCCG.....GUGCGAUGCCGGG
AJ009832.1/4549-4670        .......................................................CCCUUCUGGGGGUUGACCCG.....GUGGAAUUCCGGG
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AL939108.1/337004-336876    ACCGACGGUUAAAGUCCGGAUGGG.AGGCAGUGCGC...
AE001878.1/30-178           GCCGACGGUCACAGUCCGGACGAA.AGAAGGAGGAG...
Z99116.2/921-787            GCCGACAG.UACAGUCUGGAUGGG.AGAAGAUGGAG...
L09228.1/7992-8136          GCCGACAGUGAAAGUCUGGAUGGG.AGAAGGAUGAU...
X95955.1/376-523            GCCGACAGUGAAAGUCUGGAUGGG.AGAAGGAUGAG...
X51510.1/938-1082           GCCGACAGUGAAAGUCUGGAUGGG.AGAAGGAUGAU...
AJ010128.1/362-218          GCCGACAG.UAUAGUCUGGAUGGG.AGAAGGAUAUGU..
AL591981.1/267609-267487    ACCGACAG.UAUAGUCUGGAUGGG.AGAAGAUGUUG...
AL596170.1/284996-284874    ACCGACAG.UAUAGUCUGGAUGGG.AGAAGAUGUUG...
AF269712.1/1300-1435        GCCGACAG.UAUAGUCUGGAUGGG.AGAAGAUGGAG...
AF269345.1/3001-2863        GCCGACAGUUAGAGUCUGGAUGGG.AGAAAGAAGUU...
AE007781.1/7704-7588        GCCGACAG.UAAAGUCUGGAUGAA.AGAAGAUAUAU...
AE007574.1/3571-3685        GCCGACAGUUAAAGUCUGGAUGAA.AGAAGAAAUAG...
AE013024.1/1-102            GCCGACGGUAAAAGUCCGGAUGGG.AG............
AE006333.1/7352-7468        GCCGACAG.UAUAGUCUGGAUGAA.AGAAGAUAAUA...
AE006360.1/976-840          AGCGACAG.UAAAGUCUGGAUGGA.AGAAGAUGAAC...
AE014142.1/1906-2030        ACCGACAG.UAUAGUCUGGAUGAG.AGAAGACCGGG...
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AE009695.1/6814-6651        GCCGACGGUUAAAGUCCGGAUGGA.AGAGAGCGAAU...
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AL591790.1/15823-15987      GCCGACGGUUAUAGUCCGGAUGGA.AGAGAGCAAGC...
AL646083.1/100911-100755    GCCGACGGUCAGAGUCCGGAUGGA.AGAAGAUGUGC...
M64472.1/901-1048           GCCGACGGUUAGAGUCCGGAUGGG.AGAGAGUAACG...
U27202.1/210-335            ACCGACAG.UAUAGUCUGGAUGGA.AGAAGAUGAAA...
U32760.1/7642-7819          GCCGACAG.UAAAGUCUGGAUGAA.AGAGAAUAAAA...
AE006176.1/9504-9349        GCCGACAG.UAUAGUCUGGAUGAA.AGAGAAUAAGC...
AE004822.1/2219-2057        GCCGACGGUCAUAGUCCGGAUAAAGAGAGAACGGGA...
AE004431.1/9358-9220        GCCGACGGUUACAGUCCGGAUGAG.AGAGAAUGACA...
AE012168.1/3092-3260        GCCGACGG.UAUAGUCCGGAUGAA.AGAAGACGGCC...
AJ009832.1/4549-4670        GCCGACGGUGAAAGUCCGGAUGGG.AGAGAGCGAAG...
AE001820.1/156-35           GCCGACGGUGAAAGUCCGGAUGGG.AGAGAGCGUGA...
pao_4536674-4536839:n       GCCGACGGUCAUAGUCCGGAUAAAGAGAGAACGGGAUUG
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