FIG. 1B

```
                 :   60    :   70    :   80    :   90    :  100
Pt49_1      TACCATTGAGTTCCAGAGAGAAGCCCTGGAGAACTCACACACCAACACTG
Pt49_2      AACCATCGAGTTCCAGCGGGAGGCCCTGGAGAATGCCAACACCAACACCG
Cf49_1      CACCCTGGAGTTTCAGCGTGAGGCCATTGAGAATGCCACCACCAATGCAG
Cf49_2      AACCATCGAGTTTCAGCGGGAAGCCCTGGAGAATGCCAATACCAACACCG
Gg49        CACAATCGAATTTCAGAGGGAAGCCTTGGAGAATGCCAACACCAACACTG
Xl49        AACCATCGAATTCCAGAGGGAAGCCCTTGAAAATGCCAACACAAATACTG
Dr49        CACCATTGAGTTCCAGAGAGAAGCATTAGAAAATGCCAATACAAACACAG
Fr49        GACCATCGAGTTCCAGAGAGAAGCTTTAGAGAACGCCAACACCAGCACTGA
Af49        CACCATCGAGTTCCAGAGGGAAGCACTGGAGAATGCCAACACCAACACAG
Cs49        CACTGTTGAGTTCCAACTGGAAGCTTTACAAAATGCGCAATCAAATAAAC
Sp49        TACGATAGAAGCACAGAGGGAGGCGCTGGAGAATGCTAATACCAATGCAG
Dmag        AACTATTGAAATGCAAAGAGAAGCTTTGGAGGGAGCAAATACCAATACAG
Bm49        TCAGATTGAGGCCCAAAGGGAAGCGCTAGAAGGTGCCAATACCAATGCCC
Ap49        AACTATTGAACAACAGCGAGAGGCATTAGAAGGTGCTAACACAAATACAG
Am49        TACAATTGAAAGTCAAAGGGAAGCACTTGAATGTGCGAATACTAATACTG
Lm49        AACAATGGAGATGCAACGAGAAGCTCTTGAAGGAGCAAATACCAATACTG
Ag49        GACGATTGAAATGCAGCGAGAGGCGCTGGAGAATGCGAACACAAACGCCG
Gm49        AACAATTGAAATGCAACGAGAAGCATTGGAAAGTGCTAACACGAATACCG
Dm49        CACAATCGAAATGCAGCGCGAGGCTCTGGAGAGCGCCAACACAAACACTG
Lh49        GACGATTGAAATGCAGAGAGAAGTCTTGGAATCACCCAATACTAGTTCCA
Tc49        CACCATCGAGATGCAGCGGGAGGCCCTCGAGGGGGCCAACACCAACACAG
Dbal49      AACTATTGAAATGCAGAGGGAAGCCCTCGAAGGAGCTAGCACAAATACTG
Du49        AACTATTGAAATGCAGAGGGAAGCCCTCGAAGGAGCTAGCACAAATACTG
Db49        AACTATTGAAATGCAGAGGGAAGCCCTCGAAGGAGCTAGCACAAATACTG
Dz49        AACTATTGAAATGCAGAGGGAAGCCCTCGAAGGAGCTAGCACAAATACTG
Dv49        AACTATTGAAATGCAGAGGGAAGCCCTCGAAGGAGCTAGCACAAATACTG
a.a.         T  I  E  M  Q  R  E  A  L  E  G  A  S  T  N  T  A
Reynolds 2274322120_1351240134013134689565
Scan seg.    10        12        14  .
             7%        14%       42%*
         ____    11        13 .
         19%     5%        33%*
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