FIG. 1B

```
                :   60    :   70    :   80    :   90    :  100
Pt49_1          TACCATTGAGTTCCAGAGAGAAGCCCTGGAGAACTCACACACCAACACTG
Pt49_2          AACCATCGAGTTCCAGCGGGAGGCCCTGGAGAATGCCAACACCAACACCG
Cf49_1          CACCCTCGAGTTTCAGCGTGAGGCCATTGAGAATGCCACCACCAATCCAG
Cf49_2          AACCATCGAGTTTCAGCGGGAAGCCCTGGAGAATGCCAATACCAACACCG
Gg49            CACAATCGAATTTCAGAGGGAAGCCTTGGAGAATGCCAACACCAACACTG
Xl49            AACCATCGAATTCCAGAGGGAAGCCCTTGAAAATGCCAACACAAATACTG
Dr49            CACCATTGAGTTCCAGAGAGAAGCATTAGAAAATGCCAATACAAACACAG
Fr49            GACCATCGAGTTCCAGAGAGAAGCTTTAGAGAACGCCAACACCAGCACTGA
Af49            CACCATCGAGTTCCAGAGGGAAGCACTGGAGAATGCCAACACCAACACAG
Cs49            CACTGTTGAGTTCCAACTGGAAGCTTTACAAAATGCGCAATCAAATAAAC
Sp49            TACGATAGAAGCACAGAGGGAGGCGCTGGAGAATGCTAATACCAATGCAG
Dmag            AACTATTGAAATGCAAAGAGAAGCTTTGGAGGGAGCAAATACCAATACAG
Bm49            TCAGATTGAGGCCCAAAGGGAAGCCCTAGAAGGTGCCAATACCAATCCCC
Ap49            AACTATTGAACAACAGCGAGAGGCATTAGAAGGTGCTAACACAAATACAG
Am49            TACAATTGAAAGTCAAAGGGAAGCACTTGAATGTGCGAATACTAATACTG
Lm49            AACAATGGAGATGCAACGAGAAGCCCTTGAAGGAGCAAATACCAATACTG
Ag49            GACGATTGAAATGCAGCGAGAGGCCCTGGAGAATGCGAACACAAACCCCG
Gm49            AACAATTGAAATGCAACGAGAAGCATTGGAAAGTGCTAACACCAATACCG
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 2274322120135124013401313468956 5
Scan seg.     10        12        14  .
              7%        14%       42%*
                  11        13 .
              19%     5%        33%*
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