

a

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1  GATTTCGCTTCTTGGATCTTGGCGGGTGTGTGAACAGTCGCTGCATTTTCAACTGCTTTA
61  ACCATGGCTCTATTCTCGGCTACTGGGACATTCGTGGACTGGCACAGCCAATCCGCCTG
    M A P I L G Y W D I R G L A Q P I R L 19

121 CTGCTTGCCACGCTGACGTCAAGGTGGAGGACAAGCGCTACTCATGCGGACCCCTCCG
    L L A H A D V K V E D K R Y S C G P P P 39

181 GATTTTGACCGCAGCGCTGGCTCAAGGAGAAAACACCCTGGGCCTGGAGTTCCCAAC
    D F D R S A W L K E K H T L G L E F P N 59

241 CTGCCTTACTACATTGATGGGGACGTGAAGCTCACCAGAGCATGGCTATTCTGCCTAC
    L P Y Y I D G D V K L T Q S M A I L R Y 79

301 CTTGCCCCGAAGCATGGACTGGATGGCAAGACAGAGGCCGAAAAGCAACGGGTCGACGTC
    L A R K H G L D G K T E A E K Q R V D V 99

361 ACGGAGCAGCAGTTTGGCGACTTCCGCATGAAGTGGGTTTCGCATGTGCTACAACCCAGAC
    T E Q Q F A D F R M N W V R M C Y N P D 119

421 TTTGACAAGCTCAAGGTCGACTACCTCAAGAACTTGCCAGATGCGCTGAAGAGCTTCTCA
    F D K L K V D Y L K N L P D A L K S F S 139

481 GAGTACCTTGGGAAGCACAAGTTCTTCGCTGGCGACCATGTACCTACGTGACTTCATC
    E Y L G K H K F F A G D H V T Y V D F I 159

541 GCTTACGAGATGCTGGCTCAGCACCTCCTCTTTGCTCCGACTGCCTGAAGGATTTCGCC
    A Y E M L A Q H L L F A P D C L K D F P 179

601 AACCTGAAGGCCTTTGTGGACCGCTTGAGGCTCTCCCCACGTGGCGGCCTACCTGAAG
    N L K A F V D R V E A L P H V A A Y L K 199

661 TCTGACAAGTGCATCAGCTGGCCCTCAACGGCGACATGGCTAGCTTCGGCAGCAGGCTG
    S D K C I S W P L N G D M A S F G S R L 219

721 CAGAAGAAGCCGTGAACAGCACTTCATACCCACTGTCCGCTTTGGCGTTTGCCTTCCCC
    Q K K P *

781 CAATAAAGTTTTTCCGGTGGTGCAGGTCC

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b

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1  GAGTTGTGCTCGATCAAGCTACCATGGCCCTGTGCTGGGATACTGGGACATCCGAGGCC
    M A P V L G Y W D I R G L 13

61  TTTGCGAGCCCATTCGCTACCTTCTGGCGCAGCTAAAGTCTCCTACGAGGATAAAAGGT
    C E P I R Y L L A H A K V S Y E D K R Y 33

121 ACGGCTTCGGAATGGTCCCGAACCCAGCCGCGACGAGTGGTTGGCCGACAAGTACAAGT
    G F G N G P E P S R D E W L A D K Y K L 53

181 TGGGTCTGGACTTCCCCAAGTGGCGTACTACATCGACGGCGACGTCAAGCTGACGCAGA
    G L D F P N V P Y Y I D G D V K L T Q S 73

241 GCATGGCCATCCTGCAGTACCTCGGCCGCAAGCACGGAAGTGCACGAGGAGGACGAGGCA
    M A I L Q Y L G R K H G L A P K D E A T 93

301 CTCAGCTCCGCGTCGACGTGCTCCAGCTCACGGCGTTCGACGTGATCATGTGGGAGTGC
    Q L R V D V L Q L T A F D V I M W A V R 113

361 GCGTCTGCTACGACCCCGAGTACACCGAGGAGAAGCGGAAGCAGTTCTTGGTCGACGTGG
    V C Y D P E Y T E E K R K Q F L V D V A 133

421 CCGACAAGCTGAAGCAGTTTGAAGTCTTCCAGTATGGTCTTTTCGGCGCCGCGCA
    D K L K Q F D S Y L S K Y G P F G A G K 153

481 AGTCAGCCACTTACGTGCACTTCTTGTCTACGAGGCTCTCCAGATCGTGAATTTCTTG
    S A T Y V D F L L Y E A L Q I V K I L G 173

541 GCCCAAGCACGTTCCGCAAGGGCTACCCCTCAGCTCAGGAGTACTGCCAGCGCGTTGCTG
    P S T F R K G Y P Q L E E Y C Q R V A A 193

601 CCCTTCGGGAATGAAGGAGTATCTGGCCTCGGATCGCTTCAAGGCTTGGCCCATCTGGA
    L P G M K E Y L A S D R F K A W P I W S 213

661 GCCCGTACGCAAAGGCGCTGGCGGCGCAGCACAAGCCGCCGCTGACGACTGCTGAGCGA
    P Y A K A L A A Q H K P P A D D C * 230

721 TCCCCGCCGCCATCGCGCTCGCAAGCGTTGACCGAGTTCTAGTTTTTTGATGTTGTT
781 AATCTGGGATGCGACGCTATATACGGCTGTTACATTTTCTTTTCAATAAACGGTTGCGT
841 CGTTTTGAGCGCTCTCCGACAAAAA

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