

A

-206 CAGTAAGCTGACTGTTGGGCGTGATC

-180 AGTGACATCTGAATTGCTTTAAGAATCCACTGGGTGATCTTTGGTCAAAGAACTGTCACCAAAATTGGAGAGTGAAATACAACTCCAGA

-90 ACTCAAGAAAAAAGAGAAAGAAACGAATGCAAGGGTCCCTGCTTGAGCTCAGTGTTTCTACAATGTCCTTGGGAGGACTCCAGG

1 ATGTCGGTGCTTCTGCTGGCCAGCATTCTGTTGCTGATCTTGCAAGAGCTGGCAGGGTCCCACCTTATGATGGATATGGCTCTACATTCC

1 M S V L L L A S I L L L I L Q R L A G S H L M M D M A L H S

91 TTTGATGACCAGTACCTGGGTTGCAGAGAGCAGATGATGGAAGAACTGGAGCGGGGAGACTATTTCCAGAAGGAAATAGCTGCTAGTAAG

31 F D D Q Y L G C R E Q M M E E L E R G D Y F Q K E I A A S K

181 AACTATTTCAGCCTCTGGAAGAAGGCTCAGGAAGCTTTGTTGAAGAGCTCTGTAGGTCTCCTGAGGGAGATGCATGACAGTCATGCCACC

61 N Y S S L W K K A Q E A L L K S S V G L L R E M H D S H A T

271 GCCCTCATGGCTTACACCATGAATTTCCCTGCACTCTCAGCTGAATTTGGGCCACATCCACAGCAGGAAGGTCTCCAGAGCAATACAGA

91 A L M A Y T M N S S L H S Q L N W A T S T A G R S P E Q Y R

361 CACAACCTTCAGCTTCAAATATTTTCACTTTTACCTAACGACAGCCATCCAGATAATGAAGCAATGGCAGAGCAGCAAGGACAACGTAGGG

121 H N F S F K Y F H F Y L T T A I Q I M K Q W Q S S K D N V G

451 AAACGCCACTGCTACCGGGTGCACAGAGGTGTAAAGGACTTATATATTAAGGCTACAGTTGGCAGCATGGTGCATTGGCCGTTTCACC

151 K R H C Y R V H R G V K D L Y I K A T V G S M V R F G R F T

541 TCCACCTCTCGCCTCTGGAATGAAGCCAGAAATTTGGGAATGAACTTTGTTTACGGTGACAACCTGCCTGGGAGCAGCTATGCAAGGC

181 S T S R L W N E A Q K F G N E T L F T V T T C L G A A M Q G

631 TTTTCTTACTACACATCTGAGAAGGAAGTCTCTATTTCCCTTATGAGATATTTCTTTGTCAAAAACCTTTCTTCGGACACGGCGTGGTAA

211 F S Y Y T S E K E V L I P P Y E I F L V K N F F R T R R G N

721 CGGCTGCACCTGCATTCTGTGGGGAAGTACAGCAAGTACCACTGCCAGCTCTTGGAAAGCTTCAAGATCAAGAACGGTGGTTCTACTGCC

241 R L H L H S V G N Y S K Y H C Q L L E A S R I K N G G S T A

811 TCTGCCGCCATCATTTCTTCTAGTGAATTTGGTGTTTTCTTGTGCTTGGCCAAGCAATGACCGATTCTCTGGCTACATCCAGATATATAC

271 S A A I I L P S V I G V F L C L A K Q *

901 ACTTGAATAACAGGCAAGAAAAAACAGCTGGACGAACTGCTTG6CTTTCTGAGCAGCTCCATGAAAGCTTGGTGCTGCCATTCCATTG

991 GAAATCCAATGTCAAGAAATGCAGAACCTTAGGCACCTGAGAACCGTAGCATTGGAATGAGGGCAGGTAGGGAATGTGAGTGCTCTTG

1081 TTTTTTGAGAAGACTGAAATGAGTTGTCTGACACTCAGTATTTCTGACATCAGATATAGACACATGCAATGGCAGAGACCATCATGTAAT

1171 TATTTAAATGTAGTATCGTGTTCTATCAGACTGAACAGCTTCTGCTACAGAAATCCTGAAATGTGTTTGCTGTGCAAGTTTGAACAGATT

1261 AAATGCTGAACATTTTACGATTAGCTTGTTCTGTATGTATATTTACACCATAGTTTTGTTTTCTTTGCTCTACCATTCAATTTCAAATA

1351 ATTGATTGACAGAACCTTATTATTTTCTCTAAATGCTCAGACACACTAAGTACAGATTTCAAAGTGGGAGATTAGAAACAGCTGTCACA

1441 GGTACGCTTGAATGTGTGTGTTCAAGCTTGCTCGAACTCCTTCTATGTGAGAATTAAGGAAGCAAGGTGGACTTCTAGCACGTTGGC

1531 ACATTTATGTCTCTTGCAACTTTTCTGTTATTGCTGGGATGCATTCTTCAATCATTTTAAACAAAGATTGGAATGCTTCACACGGCGGCC

1621 TCAGTACCCTGAAAGCCTCCTCTAAGCTGTCAGCTGCTACTTTACGGCTTTTCTTTATGGATCTGTGTCTCGGAGTAGGGTCTGTATGA

1711 AAGCAAAAGTGAAGAGTTGGAGGATATAGAACGAAGCTTGAGCTGTTGTGATGTTTACCTGAGGAGGAGCCGCCTTCTGTGGTACTCG

1801 GTGTCCTGTTCTGTTGTCAGCATCTTAATGATATCAGCATAGTCCATGAGAAGTTCTGATACGTGGAGGGACAAAGCAGGTGAACCTAGTA

1891 ACTGCTCCATAGCAGACTCGACAGTGCCAGGAAATTATCGTGTCTTAACAACACTGCAACGAGTGCGCCAAGATACTTCTTATAATCC

1981 CCTTATAATTCTCATAGATATCTTTCACTGCAGCCATTTTCTCTGTAGAGAGATGATAGGACCGGTAATTTTAGCATACAACCTTTGCT

2071 TCATGCTTTCTGCTACATCTTTGCTTTTGTCTTCCATTGTGGCTTGCACTCTCTTTAAAGCATTGACCAAGGAGTGCAGGTTCTCTTTAA

2161 TGCTGAAGTTTCTTTACTGTCATGATGGGGAAGTTGGTGCCAAGATGGTGATTAAGGATCCGGAATATTGTGTTGGTTGCAGAGACAT

2251 AAATGTACACTAATTCATACAGGTTCTGGCAGGCCCTTCAGCAGCCTTCTTTGTCACTGCTTAAACCGAGGCGGGCTAACATTTCTGAAG

2341 GAGGTGCTCGCTCTGAAAAGCAACAGAGGAAATCCAGATGACACAGAGGGAGAAATACAGATATTTTCAGCTAGAATGTCACATTTCC

2431 GAAACGAATATTACAAATCATTGAACTACCTTACTCTCCCAAGAGCCCAAGTGTAGAAAAAACACAGAAAAAGCTCTTAGCCAGCC

2521 TTTACAGTGGTCTTACCAAACCTGGTCAGCAAAATATGGTGTGAGAAGCTGCAGGTATGGTTATTCTTATGGATGCAGGAGTTATGGATCT

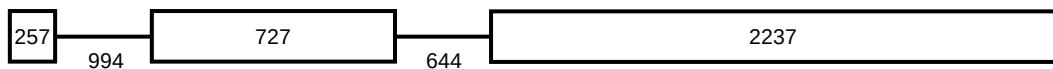
2611 GACCGTCAGCATGTCTGTAAGCAATAGTAGAGGTGCAGATGGGTATTTTACCTTTGATATTTATTGGTAAAGTTGTCTAAGTCC

2701 TCTCAAAATCTACACTACATCATCTTAGAACTATAATCCTTCAGTTTGATATAGTAGTGGGTATACATAAAATTAACATATTACA

2791 GAAGTCTTCACATGTCTCATATGTTGGGCTTTTTTATTGTTCTGAGAACAGTAAGTTATACCATCCCCTTTCAGCAATGGCCATAGATA

2881 CTTCTGCCATAGGCAGATGGATTATGTGTCTTTATTCTCTTCAGGAACAAAAGGCCTTTGGAGGACCTAAGAATCGTGAACATAGTGTG

2971 AATATAATTATAATGTGTTAAATTAAAAAGGAAGGGGAATGAGGAAAAAAAAA

B

Exon 1

Exon 2

Exon 3