

1 atggcagcagctgaaatggagagaacgatgtcgtttgatgcagct Exon 1  
M A A A E M E R T M S F D A A  
46 gagaagttgaaggccgccgatggaggaggaggagaggtagacgat  
E K L K A A D G G G G E V D D  
91 gaacttgaagaaggtgaaattggtgaagaatcaaatacggca  
E L E E G E I V E E S N D T A  
136 tcgtatttagggaaagaaatcacagtgaagcatcattggagcat  
160-1 170 172  
aa t g  
S Y L G K E I T V K H P L E H  
K L V  
181 tcatggactttttggtttgataaccctaccactaaatctcgacaa  
210 221  
t a  
S W T F W F D N P T T K S R Q  
T Q  
226 actgcttggggaagctcacttcgaaatgtctacactttctccact  
T A W G S S L R N V Y T F S T  
271 gttgaaaatttttgggg  
V E N F W G

gcttacaataatatccatcacccaagc Exon 2  
A Y N N I H H P S  
47  
316 aagttaattatgggagcagactttcattgttttaagcacaaaatt  
a  
K L I M G A D F H C F K H K I  
N  
361 gagccaaagtgggaagatcctgtatgtgccaatggaggacgtgg  
E P K W E D P V C A N G G T W  
406 aaaatgagtttttcgaagggtaaatctgataccagctggctgtat  
K M S F S K G K S D T S W L Y

451 acggtattcgaagttatttccatccagcccttaatgataaggtca Intron 2  
171 193 203  
g t c  
T  
209 245  
ttctagtaatggtattttccctttgatataatttccactcttgt  
c a

266 269  
tttcttatatggaattattgtagctgctggcaatgattggacat Exon 3  
g a  
L L A M I G H  
caattcgatcatggagatgaaatttgtggagcagttgttagtgtc  
Q F D H G D E I C G A V V S V  
496 cgggctaaggagaaaaaatagctttgtggaccaagaatgctgca  
R A K G E K I A L W T K N A A  
541 aatgaaacagctcag  
N E T A Q

gtagc Exon 4  
V S  
41  
586 attggttaagcaatggaagcagtttctagattacagtgattcggtt  
c  
I G K Q W K Q F L D Y S D S V  
S

631 ggttcatatttcacgtatgaaatcttggttatcatacgccttta Intron 4  
84 85  
tg

G F I F H

attcagtttctttcaattagcaagactcataaagaatcatcttc

ttttgcaggacgatgcaaagaggctcgacagaaatgccaagaat Exon 5

D D A K R L D R N A K N

676 cgttacaccgatatag 696

R Y T V \*