

Conceptual translation of human c6orf163

aa

gttaacaacttaatgctagagtctgggaaggagcaactactttaaatcttcccaaatctgg 62
tgcccataccttctatggcaggggcttttagcaccattctttaacgtagacacataacc 122
acagcctaatacacttgaaccatttaatccttaccagcctctagcattatcctaaaaccct 182
gaacctcttccagcttttcttaaactttcagcttttcttgaacgactttttctgattcta 242 upstream stop
agattattttaactgtaagtaggagaagacatctgaaatttaactatgatcagaaattca 302

M I R N S 5

gattacaaaaactttgtttgctgtgctgtttgtaataaaataattccaccagcccctttt 362
D Y K N F V C C A V C N K I I P P A P F 25

ggaaaaaccttcaaacggatccatgaatacaagccacttaagacacgcttttacactcac 422
G K T F K R I H E Y K P L K T R F Y T H 45

aaagacatactagatattggggcaaataattctgaaaaagaagagcagtttcaagaagat 482 ex1/ex2
K D I L D I **G** A N I L K K E E Q F Q E D 65

atactcagagaacacattgcgaaagcagaagctgaagtatgggctcaggctaatgaacgt 542 ex2/ex3
I L R E H I A K A E A E V W A Q **A** N E R 85

caaaaacaagcagtgagaaagcacttgaagaagcaaatacagacacaaaattgaaatt 602
Q K Q **A** V E K A L E E A N D R H K I E I 105

cagatTTTgaaagaggaacatcagaaagatttaca ggaagtgacagctaaaactaagaca 622 ex3/ex4
Q I L K E E H Q K D L Q E V T A K T K T 125

gagatgtatcaaaacatggatgacgaaatgaagagagagcacttggctgcagaacagcgc 662
E M Y Q N M D D E M K R E H L A A E Q R 145

atggtccacagaatccaaaggattatgatggaatgccacagagagaaggtcgaagctgtg 722
M V H R I Q R I M M E C H R E **K** V E **A** V 165

gagaaagccagggtgaagaaagacacatcgcccaggaagcaatccaggcccagaaaagc 782 ex4/ex5
E K A R A E E R H I A Q E A I Q A Q K S 185

aaagccgtggaggaattgtgaataactggtgtcacagttattaaggatgagaagaccagt 842
K A V **E** E I V N T G V T V I K D E K T S 205

gtggcccgactgatgagggaaaaagaacatgaaatgagcatcctctatggcatagctcag 902
V A R L M R E K E H E M S I L Y G I A Q 225

aggcagaggcaagaagaggtacaggaagtgttcaagaagcagagaaaaacacatcaggcc 922
R Q R Q E E V Q E V L Q E A E K T H Q A 245

actcttggcaatatgatggataaactggctaacacccagggggagctgctgtctatagca 982
T L G N M M D K L A N T Q G E L L S I A 265 leucine zipper

aaacaactgggaatcatgacaaattggaaagatttcctagaggaggaattacaggaaacc 1042
K Q L G I M T N W K D F L E E E L Q E T 285

aggatggcatttcaaaaatacatcaattatacctttcctaagctttcaccaggacatgca 1102
R M A F Q K Y I N Y T F P K L S P G H A 305

gattttattctgccagaaagaagaaaacaccttctaattcttggtattaaggagaacaaa 1162
D F I L P E R K K T P S N L V I K E N K 325 nuclear localization

acaactcttgattagaagtcttcagttgaaattccactacaaaagacatcattccagact 1242
T T L D *

aaataaatttactcaaaaacca polyA signal

Key:

Well-conserved residue

Exon boundary