

Hsa_C11orf49 Conceptual Translation
XM_006718315.2

ccggaagccggagagctggagctttgaagccacccccggtcaaaggatgctgagtcggag 60 upstream stop
M L S P E 5

cgctagccctaccggactacgagtatctggctcagcgacatgtcctcacctacatggag 120
ex1ex2
R L A L P D Y E Y L A Q R H V L T Y M E 25

gatgcagtgtgccagctgctagaaaacaggggaagatattagccaatatggaattgccagg 180
D A V C Q L L E N R E D I S Q Y G I A R 45

ttcttactgaatattttaacagtgatgccagggaacacacattctctttcgagaattc 240 ex2ex3
F F T E Y F N S V C Q G T H I L F R E F 65
phosphorylation
Frameshift

V2E
Frameshift agcttcgtccaagccacccccacaaatagggatcatttttacgggccttctggagatgc 300
H2P S F V Q A T P H N R V S F L R A F W R C 85
phosphorylation
Frameshift

N2K
ttccgaactgtgggcaaaaatggcgaatgtgctgaccatgaaagaatatcactgtttgctg 360 ex3ex4
F R T V G K N G D L L T M K E Y H C L L 105

caattactgtgtcctgatttcccgctggagctcactcagaaagcagccaggattgtgctc 420 ex4ex5
Q L L C P D F P L E L T Q K A A R I V L 125 sumoylation

atggacgatgccatggactgcttgatgtctttttcagatttctctttgccttccagatc 480
M D D A M D C L M S F S D F L F A F Q I 145

Frameshift cagttttactactcagaatccttgacagtggtggctgccatctatgaggacctgtgtca 540 ex5ex6
F2R Q F Y Y S E F L D S V A A I Y E D L L S 165 Frameshift
S2V

ggcaagaacccaacacagtgattgtgccgacgtcgtccagtgggcagcaccgccaacga 600
G K N P N T V I V P T S S S G Q H R Q R 185 Frameshift
P2A

cctgccttgggcggggcccggcacgctggagggcgtggaggcgtcgctgttctaccagtg 660
P A L G G A G T L E G V E A S L F Y Q C 205

ctggaaaacctgtgtgatcggcacaagtacagctgccaccccagcacttgtcaaagag 720 ex6ex7

L E N L C D R H K Y S C P P P A L V K E 225 Frameshift
P2Q

gccctcagcaatgttcagagactgaccttctatggattcctcatggctctctcaaaagcac 780
A L S N V Q R L T F Y G F L M A L S K H 245 Frameshift
S2K

cgtggaatcaaccaagccctcggagctttgcctgacaaggggatctgatgcacgaccca 840 ex7ex8
R G I N Q A L G A L P D K G D L M H D P 265 Frameshift
L2K

Frameshift gcaatggatgaagagctggaacggctgcttcttcccttcttcaggctggcccaggtcca 900 ex8ex9
D2K A M D E E L E R L L L P F F R L A Q V P 285 Frameshift
E2N

ggcctggtaactcggtcacagccagtccagaggccagttgcctgccttcccggaccct 960
G L V N S V T A S P E A S C L P S R T P 305

ccccgggttgctctccctggagacctctccatcattcccgaagtgatggagagagt 1020
P R V G S P W R P L H H S R K V D G E S 325
phosphorylation

gatggctccactgaagagacagacgagtcggagacttgaggagtccaaagggtcctgccc 1080 sumoylation
D G S T E E T D E S E T * 337 g2t,g2a

acagcgccctgtacctgctcccacccaagcccttggtgtgccccaccagcctcctctccag 1140 a2t,g2a,a2g
caccttgctgtgctgccctctgctgctgacaaggtgaataacagccccaagaccagccag 1200 g2a
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ccgaatagccacgcagggccttgaccatcaagggtgacacctgcgacgcaagtaccagg 1500
aggacataaccgctgtggcctggtggagaacagccagtagccttggtaatatgaaggggtg 1560
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