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NTDB id 1384 A4U84 RS08525 WP 010787006.1    MSQYTICEQQTERIFDISPSRWQKNCEEKQLLLRYLAVPVQETEHKLWLAVDDENNLTACEIFAFMTHKQIEPVVIASDE    80
NTDB id 981710 NYE22 RS08990 WP 342412456.1  ..........................................................................    0
NTDB id 96 BSU 24730 NP 390353.1             ..........................................................................    0
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NTDB id 1384 A4U84 RS08525 WP 010787006.1    LKYLLNALSPEQQPIYEESELAFVEQEQEQLNLNDPIIQLLDNLFKFCLAQNASDIHIEPRKQKLIIRLRIDGVLHLYKS    160
NTDB id 981710 NYE22 RS08990 WP 342412456.1  ................................MDSIENVSKNLIEEAYLTKASDIHIVPRERDAIIHFRVDHALLKKRD    47
NTDB id 96 BSU 24730 NP 390353.1             ................................MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIIHFRVDHALLKKRD    47
consensus                                                                    *!*!*****!!********!!!!!!*!!****!!**!*!**!*****
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NTDB id 1384 A4U84 RS08525 WP 010787006.1    LSIQLASRLISRIKLLAKLDISELRQPQDGQFSFTTALADTLDFRVSSLPTIYGEKLVLRLQKNKPTSFDFLQLGFNPQQ    240
NTDB id 981710 NYE22 RS08990 WP 342412456.1  MKKEECVRLISHFKFLSAMDIGERRKPQNGSLTLKLK.EGNVHLRMSTLPTINEESLVIRVMPQYNI.PSIDKLSLFPKT    125
NTDB id 96 BSU 24730 NP 390353.1             MKKEECVRLISHFKFLSAMDIGERRKPQNGSLTLKLK.EGNVHLRMSTLPTINEESLVIRVMPQYNI.PSIDKLSLFPKT    125
consensus                                    *******!!!!**!*!***!!*!*!*!!*!******* ******!*!*!!!!**!*!!*!******* *****!***!**
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NTDB id 1384 A4U84 RS08525 WP 010787006.1    QTTLLNALKQPQGLILVTGPTGSGKSITLYSALNYLN.QMDKHILTAEDPVEIEIDGLIQTQVNRSIQLDFSQLLRTFLR    319
NTDB id 981710 NYE22 RS08990 WP 342412456.1  GATLLSFLKHSHGMLIFTGPTGSGKTTTLYSLVQYAKKHFNRNIVTLEDPVETRDEDVLQVQVNEKAGVTFSAGLKAILR    205
NTDB id 96 BSU 24730 NP 390353.1             GATLLSFLKHSHGMLIFTGPTGSGKTTTLYSLVQYAKKHFNRNIVTLEDPVETRDEDVLQVQVNEKAGVTYSAGLKAILR    205
consensus                                    **!!!**!!***!****!!!!!!!!**!!!!***!********!*!*!!!!!*******!*!!!*******!**!***!!
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NTDB id 1384 A4U84 RS08525 WP 010787006.1    QDPDIIMLGEIRDEESAKMALRASQTGHLVLSTLHTNDALSAVERLLQLGIQEYEIQNSLLLVIAQRLVRKLCKKCRGVG    399
NTDB id 981710 NYE22 RS08990 WP 342412456.1  HDPDMIILGEIRDAETAEIAVRAAMTGHLVLTSLHTRDAKGAIYRLLEFGINMNEIEQTVIAIAAQRLVDLACPFCEN.G    284
NTDB id 96 BSU 24730 NP 390353.1             HDPDMIILGEIRDAETAEIAVRAAMTGHLVLTSLHTRDAKGAIYRLLEFGINMNEIEQTVIAIAAQRLVDLACPFCEN.G    284
consensus                                    *!!!*!*!!!!!!*!*!**!*!!**!!!!!!**!!!!*!!**!**!!!**!!***!!********!!!!!***!**!** !
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NTDB id 1384 A4U84 RS08525 WP 010787006.1    CDECYQGYR...GRIGVYQ.........CLSRTAKKFDKQTAYLDFSSLRESAKQKIEQQLTNETEVDRVLGYE..    461
NTDB id 981710 NYE22 RS08990 WP 342412456.1  CSSVYCRQSRNTRRASVYELLYGKNLQQCIQEAKG....NHANYQYQTLRQIIRKGIALGYLTTNNYDRWVYHEKD    356
NTDB id 96 BSU 24730 NP 390353.1             CSSVYCRQSRNTRRASVYELLYGKNLQQCIQEAKG....NHANYQYQTLRQIIRKGIALGYLTTNNYDRWVYHEKD    356
consensus                                    !***!********!**!!**********!******    **!******!!******!**********!!****!**
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X non conserved

X similar

X $\geq$ 50% conserved