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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1384 A4U84 RS08525 WP 010787006.1      MSQYTICEQQTERIFDISPSRWQKNCEEKQLLLRYLAVPVQETEHKLWLAVDDENNLTACEIFAFMTHKQIEPVVIASDE    80
NTDB id 1090776 ACL6EQ RS11865 WP 085186492.1  ..........................................................................    0
NTDB id 96 BSU 24730 NP 390353.1               ..........................................................................    0
consensus
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1384 A4U84 RS08525 WP 010787006.1      LKYLLNALSPEQQPIYEESELAFVEQEQEQLNLNDPIIQLLDNLFKFCLAQNASDIHIEPRKQKLIIRLRIDGVLHLYKS   160
NTDB id 1090776 ACL6EQ RS11865 WP 085186492.1  ...............................MDSIEKLSKNLIEEAYLTKASDIHIVPRERDAIIHFRVDHALLKKRD    47
NTDB id 96 BSU 24730 NP 390353.1               ...............................MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIIHFRVDHALLKKRD    47
consensus                                                                      *!*!*****!!********!!!!!!*!!****!!**!*!**!*****
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1384 A4U84 RS08525 WP 010787006.1      LSIQLASRLISRIKLLAKLDISELRQPQDGQFSFTTALADTLDFRVSSLPTIYGEKLVLRLQKNKPTSFDFLQLGFNPQQ   240
NTDB id 1090776 ACL6EQ RS11865 WP 085186492.1  MKKEECVRLISHFKFLSAMDIGERRKPQNGSLTLKLK.EGNVHLRMSTLPTINEESLVIRVMPQYNI.PSIDKLSLFPKT   125
NTDB id 96 BSU 24730 NP 390353.1               MKKEECVRLISHFKFLSAMDIGERRKPQNGSLTLKLK.EGNVHLRMSTLPTINEESLVIRVMPQYNI.PSIDKLSLFPKT   125
consensus                                      *******!!!!**!*!***!!*!*!*!!*!******* ******!*!*!!!!**!*!!*!******* *****!***!**
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1384 A4U84 RS08525 WP 010787006.1      QTTLLNALKQPQGLILVTGPTGSGKSITLYSALNYLN.QMDKHILTAEDPVEIEIDGLIQTQVNRSIQLDFSQLLRTFLR   319
NTDB id 1090776 ACL6EQ RS11865 WP 085186492.1  GATLLSFLKHSHGMLIFTGPTGSGKTTTLYSLVQYAKKHFNRNIVTLEDPVETRDEDVLQVQVNEKAGVTYSTGLKAILR   205
NTDB id 96 BSU 24730 NP 390353.1               GATLLSFLKHSHGMLIFTGPTGSGKTTTLYSLVQYAKKHFNRNIVTLEDPVETRDEDVLQVQVNEKAGVTYSAGLKAILR   205
consensus                                      **!!!**!!***!****!!!!!!!!**!!!!***!********!*!*!!!!!*******!*!!!*******!  *!***!!
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1384 A4U84 RS08525 WP 010787006.1      QDPDIIMLGEIRDEESAKMALRASQTGHLVLSTLHTNDALSAVERLLQLGIQEYEIQNSLLLVIAQRLVRKLCKKCRGVG   399
NTDB id 1090776 ACL6EQ RS11865 WP 085186492.1  HDPDMIILGEIRDAETAEIAVRAAMTGHLVLTSLHTRDAKGAIYRLLEFGINMNEIEQTVIAIAAQRLVDLACPFCEN.G   284
NTDB id 96 BSU 24730 NP 390353.1               HDPDMIILGEIRDAETAEIAVRAAMTGHLVLTSLHTRDAKGAIYRLLEFGINMNEIEQTVIAIAAQRLVDLACPFCEN.G   284
consensus                                      *!!!*!*!!!!!!*!*!**!*!!**!!!!!!**!!!!*!!**!**!!!**!!***!!********!!!!!***!**!** !
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1384 A4U84 RS08525 WP 010787006.1      CDECYQGYR...GRIGVYQ.........CLSRTAKKFDKQTAYLDFSSLRESAKQKIEQQLTNETEVDRVLGYE..   461
NTDB id 1090776 ACL6EQ RS11865 WP 085186492.1  CSSVYCRQSRNTRRASVYELLYGKNLQQCIQEAKG....NHANYQYQTLRQIIRKGIALGYLTTNNYDRWVYHDKD   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