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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1384 A4U84 RS08525 WP 010787006.1     MSQYTICEQQTERIFDISPSRWQKNCEEKQLLLRYLAVPVQETEHKLWLAVDDENNLTACEIFAFMTHKQIEPVVIASDE    80
NTDB id 123005 BMMGA3 RS11175 WP 004435641.1  ..........................................................................    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 123005 BMMGA3 RS11175 WP 004435641.1  ................................MSSIKQLADRIIRDAVRNQATDIHIIPRKKDTLIQLRMGNRLVPRLY    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 123005 BMMGA3 RS11175 WP 004435641.1  LPKEECDRLISHFKFTALMDIGERRRPQSGAFSFIVD.GDAIGLRLSTLPANSSESLVIRILPQQ.KQIPFYQLSLFPSI   125
NTDB id 96 BSU 24730 NP 390353.1              MKKEECVRLISHFKFLSAMDIGERRKPQNGSLTLKLK.EGNVHLRMSTLPTINEESLVIRVMPQY.NIPSIDKLSLFPKT   125
consensus                                     * **** !!!!**!*** *!!*!*!*!! ! *** *  ** * *!*!*!!**  !*!!*!****      * *!***!
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1384 A4U84 RS08525 WP 010787006.1     QTTLLNALKQPQGLILVTGPTGSGKSITLYSALNYLNQ.MDKHILTAEDPVEIEIDGLIQTQVNRSIQLDFSQLLRTFLR   319
NTDB id 123005 BMMGA3 RS11175 WP 004435641.1  TRKLLALLKHAHGLIIFTGPTGSGKTTTLYSLLNETSHLFNRNVITLEDPIEKDADSVLQVQVNEKAGVSYAAGLKAILR   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 123005 BMMGA3 RS11175 WP 004435641.1  HDPDIIMVGEIRDAETAKIAVRAALTGHLVLSTMHTRDAKGAIYRLIEFGVNWLEVEQTLVAVTAQRLVELTCPFCEE.E   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     CDECYQGY...RGRIGVYQCLSRTA.....KKFDKQTAYLDFSSLRESAKQKIEQQLTNETEVDRVLGYE.......   461
NTDB id 123005 BMMGA3 RS11175 WP 004435641.1  CSP.YCFSYGRWKRASVFEILHGRALSSVMRRANGEDFEASYRTLKEMIKKGIALGYIKESEYDRWVYDDESLEMEG   360
NTDB id 96 BSU 24730 NP 390353.1              CSSVYCRQSRNTRRASVYELLYGKNLQQCIQEAKGNHANYQYQTLRQIIRKGIALGYLTTNNYDRWVYHEKD.....   356
consensus                                     !*  !*      *!**!***! ****   **** ** *   * *!*******!***** ****!!*** *
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X non conserved

X similar

X ≥ 50% conserved