```
logo
NTDB id 1384 A4U84 RS08525 WP 010787006.1      MSQYTICEQQTERIFDISPSRWQKNCEEKQLLLRYLAVPVQETEHKLWLAVDDENNLTACEIFAFMTHKQIEPVVIASDE    80
NTDB id 1019550 AB0R89 RS11935 WP 043020785.1  ..............................................................................    0
NTDB id 96 BSU 24730 NP 390353.1               ..............................................................................    0
consensus

logo
NTDB id 1384 A4U84 RS08525 WP 010787006.1      LKYLLNALSPEQQPIYEESELAFVEQEQEQLNLNDPIIQLLDNLFKFCLAQNASDIHIEPRKQKLIIRLRIDGVLHLYKS   160
NTDB id 1019550 AB0R89 RS11935 WP 043020785.1  ................................MKNIETYSRNIINEAYTARASDIHIVPRERDAFIHFRIGHALVKKRV    47
NTDB id 96 BSU 24730 NP 390353.1               ................................MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIIHFRVDHALLKKRD    47
consensus                                                                      ** !* ***!** ***  *!!!!!!*!!*****!**!****!****

logo
NTDB id 1384 A4U84 RS08525 WP 010787006.1      LSIQLASRLISRIKLLAKLDISELRQPQDGQFSFTTALADTLDFRVSSLPTIYGEKLVLRLQKNKPTSFDFLQLGFNPQQ   240
NTDB id 1019550 AB0R89 RS11935 WP 043020785.1  LKKEECVRLISHFKFLSAMDIGERRKPQNGSLSLPLP.TETVHLRMSTLPTMNDESLVIRLLPKRQI.PPLDKLSLFRGA   125
NTDB id 96 BSU 24730 NP 390353.1               MKKEECVRLISHFKFLSAMDIGERRKPQNGSLTLKLK.EGNVHLRMSTLPTINEESLVIRVMPQYNI.PSIDKLSLFPKT   125
consensus                                      *******!!!!**!*!***!!*!*!*!!*!**** *   *****!*!*!!!***!*!!*!******* * ***!****

logo
NTDB id 1384 A4U84 RS08525 WP 010787006.1      QTTLLNALKQPQGLILVTGPTGSGKSITLYSALNYLN.QMDKHILTAEDPVEIEIDGLIQTQVNRSIQLDFSQLLRTFLR   319
NTDB id 1019550 AB0R89 RS11935 WP 043020785.1  GAALLSFLKHSHGLLLFTGPTGSGKTTTLYSLVNYAKRHFNRRIVTLEDPVETRDEDVLQVQVNEKAGVTYSAGLKAILR   205
NTDB id 96 BSU 24730 NP 390353.1               GATLLSFLKHSHGMLIFTGPTGSGKTTTLYSLVQYAKKHFNRNIVTLEDPVETRDEDVLQVQVNEKAGVTYSAGLKAILR   205
consensus                                      ***!!**!!***!****!!!!!!!!**!!!!***!******  !*!*!!!!!*******!*!!!*******!**!***!!

logo
NTDB id 1384 A4U84 RS08525 WP 010787006.1      QDPDIIMLGEIRDEESAKMALRASQTGHLVLSTLHTNDALSAVERLLQLGIQEYEIQNSLLLVIAQRLVRKLCKKCRGVG   399
NTDB id 1019550 AB0R89 RS11935 WP 043020785.1  HDPDMIILGEIRDAETAEIAVRAAMTGHLVLSSLHTRDAKGAIYRLLEFGVNMTEIEQTVIAIAAQRLVDLTCPFCKEEN   285
NTDB id 96 BSU 24730 NP 390353.1               HDPDMIILGEIRDAETAEIAVRAAMTGHLVLTSLHTRDAKGAIYRLLEFGINMNEIEQTVIAIAAQRLVDLACPFCENGC   285
consensus                                      *!!!*!*!!!!!!*!*!**!*!!**!!!!!!**!!!!*!!**!**!!!**!*** !!********!!!!!** !**!*

logo
NTDB id 1384 A4U84 RS08525 WP 010787006.1      CDECYQGYRG..RIGVYQCLSRTAK.....KFDKQTAYLDFSSLRESAKQKIEQQLTNETEVDRVLGYE..   461
NTDB id 1019550 AB0R89 RS11935 WP 043020785.1  CSVYCRMYRQTQRAGIYELLYGKNLTQCFQEAKGEHANFQYQTLRRLIRKGIALGYVTTDNYDRWVYHEAD   356
NTDB id 96 BSU 24730 NP 390353.1               SSVYCRQSRNTRRASVYELLYGKNLQQCIQEAKGNHANYQYQTLRQIIRKGIALGYLTTNNYDRWVYHEKD   356
consensus                                      ****** *!** !***!**!***** ** *******!******!! *****!******* **!!****! *
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X non conserved

X similar

X $\geq$ 50% conserved