```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 201858 GTID1 RS15830 WP 029760727.1  ..........................................................................................  0
NTDB id 96 BSU 24730 NP 390353.1             ..........................................................................................  0
NTDB id 1384 A4U84 RS08525 WP 010787006.1    MSQYTICEQQTERIFDISPSRWQKNCEEKQLLLRYLAVPVQETEHKLWLAVDDENNLTACEIFAFMTHKQIEPVVIASDE  80
consensus

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 201858 GTID1 RS15830 WP 029760727.1  ..................................MDDIEQVANRLLAEAVQRRASDLHLVPRRHDAIIRLRLDGMLIDVGI  47
NTDB id 96 BSU 24730 NP 390353.1             ..................................MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIIHFRVDHALLKKRD  47
NTDB id 1384 A4U84 RS08525 WP 010787006.1    LKYLLNALSPEQQPIYEESELAFVEQEQEQLNLNDPIIQLLDNLFKFCLAQNASDIHIEPRKQKLIIRLRIDGVLHLYKS  160
consensus                                                                         *! !***  *!* ***  *!!!*!**!!* **!!**!*!**!*  **

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 201858 GTID1 RS15830 WP 029760727.1  ISKETAERVIVHFKFLAGMDIGERRRPQSGAMEVNE.SGETVYLRLSTLPTLYDESLVIRLLPQR.FSLPLRELSLFSHS  125
NTDB id 96 BSU 24730 NP 390353.1             MKKEECVRLISHFKFLSAMDIGERRKPQNGSLTLKL.KEGNVHLRMSTLPTINEESLVIRVMPQY.NIPSIDKLSLFPKT  125
NTDB id 1384 A4U84 RS08525 WP 010787006.1    LSIQLASRLISRIKLLAKLDISELRQPQDGQFSFTTALADTLDFRVSSLPTIYGEKLVLRLQKNKPTSFDFLQLGFNPQQ  240
consensus                                    **** * !*!***!*!**!!*!*!*!! ! ***    **** *!*!*!!!**!*!!*!****  *  *  !**** *

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 201858 GTID1 RS15830 WP 029760727.1  TARLFSFMQQPQGLVLLTGPTGSGKTTTLYTLLDVCQAERQRNIITLEDPIEKRNDRFLQVQINEKAGITYAASLKAALR  205
NTDB id 96 BSU 24730 NP 390353.1             GATLLSFLKHSHGMLIFTGPTGSGKTTTLYSLVQYAKKHFNRNIVTLEDPVETRDEDVLQVQVNEKAGVTYSAGLKAILR  205
NTDB id 1384 A4U84 RS08525 WP 010787006.1    QTTLLNALKQPQGLILVTGPTGSGKSITLYSALNYLN.QMDKHILTAEDPVEIEIDGLIQTQVNRSIQLDFSQLLRTFLR  319
consensus                                     **!********!****!!!!!!!!**!!!***** *    ***!*!*!!!*! * * **!*!*!*********  !** !!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 201858 GTID1 RS15830 WP 029760727.1  HDPDVLMVGEIRDHDTAAIAVRSALTGHLVVSTMHAADAVGAVYRLHEFGVSPGDLAETLLAVSAQRLVELRCPLCGD.N  284
NTDB id 96 BSU 24730 NP 390353.1             HDPDMIILGEIRDAETAEIAVRAAMTGHLVLTSLHTRDAKGAIYRLLEFGINMNEIEQTVIAIAAQRLVDLACPFCEN.G  284
NTDB id 1384 A4U84 RS08525 WP 010787006.1    QDPDIIMLGEIRDEESAKMALRASQTGHLVLSTLHTNDALSAVERLLQLGIQEYEIQNSLLLVIAQRLVRKLCKKCRGVG  399
consensus                                    *!!!****!!!!! **! *!*!***!!!!!****!* !!**!**!!***!**  ** ***** !!!!!** !* !   *

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 201858 GTID1 RS15830 WP 029760727.1  CHPA.CRRLQRRRRAAVHELLYGSALFDVIRSLSGEGE.QR.LRPHLTLARLIRKGIALGYLPTRALELVGGGER.   356
NTDB id 96 BSU 24730 NP 390353.1             CSSVYCRQSRNTRRASVYELLYGKNLQQCIQEAKGNHA....NYQYQTLRQIIRKGIALGYLTTNNYDRWVYHEKD   356
NTDB id 1384 A4U84 RS08525 WP 010787006.1    CDECYQ..GYR.GRIGVYQCL.........SRTAKKFDKQTAYLDFSSLRESAKQKIEQQLTNETEVDRVLGYE..   461
consensus                                    !   ***   * *!**!***!**  *   *    *  * *     * *!* *****!***** *  ******  !*
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X non conserved

X similar

X ≥ 50% conserved