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logo
NTDB id 601 KW2 RS02615 WP 021036805.1      ..............MLCQNCN.....INEATIHLY.....................................TSVNGQKK.   24
NTDB id 972820 WN777 RS05965 WP 242294629.1 MDLNQMTTKTQEAIMSAQSLAVSHHHQEVDTVHLLFTLLEEQDGLAVRIFQKMNVDIEALKQGAENLIKKKPSVTGSGAE   80
NTDB id 85 BSU 00860 NP 387967.1            MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEGIAAKALQALGLGSEKIQKEVES......LIGRGQE   73
consensus                                   *     * * *  ****!  **   *****!*!**  ** * **** *  * * *  * *    *       ** ! * *

logo
NTDB id 601 KW2 RS02615 WP 021036805.1      ...QIDLCQNCYQIMKSG.............GQEALFGAGNASNGNSDEPFNPFNDIFSALQGQDFNGAASNQTPPTQTG   88
NTDB id 972820 WN777 RS05965 WP 242294629.1 AGKL.YITGALQQLLVRAGKEAEKLQDDYISVEHVLLAFTEEKGDI.NQLFTRFHITKDNLLQSLMTVRG.........N  149
NTDB id 85 BSU 00860 NP 387967.1            MSQTIHYTPRAKKVIELSMDEARKLGHSYVGTEHILLGLIREGEGVAARVLNNLGVSLNKARQQVLQLLGSNET.....G  148
consensus                                      * **     ***  *  ** **   **  ***!**   *  **   *** * **   * ****** *** *     *

logo
NTDB id 601 KW2 RS02615 WP 021036805.1      GRGPRGPQNPRAKQPKGMLEEFGINITESARRGEIDPVIGRDEEIKRVIEILNRRTKNNPVLIGEPGVGKTAVVEGLAQK  168
NTDB id 972820 WN777 RS05965 WP 242294629.1 ..QRVTSQNPEA..TYEALEKYGRDLVAEVRAGKIDPVIGRDSEIRRVIRILSRKTKNNPVLIGEPGVGKTAIVEGLAQR  225
NTDB id 85 BSU 00860 NP 387967.1            ..SSAAGTNSNA..NTPTLDSLARDLTAIAKEDSLDPVIGRSKEIQRVIEVLSRRTKNNPVLIGEPGVGKTAIAEGLAQQ  224
consensus                                        * *!* !      !* ******* ** * *!!!!!!* !!*!!!**!*!*!!!!!!!!!!!!!!!!!!**!!!!!*

logo
NTDB id 601 KW2 RS02615 WP 021036805.1      IVDGDVPQKLQNKEVIRLDVVSLVQGTGIRGQFEERMQKLMDEIRK.RNDVIMFIDEIHEIVGAGSAGDGNMDAGNILKP  247
NTDB id 972820 WN777 RS05965 WP 242294629.1 IVKKDVPEGLKDRTIFALDMSALVAGAKFRGEFEERLQAVLNEIKKSEGRILLFIDELHTIVGAGKT.EGAMDAGNMLKP  304
NTDB id 85 BSU 00860 NP 387967.1            IINNEVPEILRDKRVMTLDMGTVVAGTKYRGEFEDRLKKVMDEIRQ.AGNIILFIDELHTLIGAGGA.EGAIDASNILKP  302
consensus                                   !*  *!!* !*** ** !!* **!*!***!!*!!*!******!!**  * ***!!!!*!***!!! * *!**!!*!*!!!

logo
NTDB id 601 KW2 RS02615 WP 021036805.1      ALARGELQLVGATTLNEYR.IIEKDAALERRMQPVKVDEPSVDETITILRGIQARYEDYHHVKYTDEAIEAAAHLSNRYI  326
NTDB id 972820 WN777 RS05965 WP 242294629.1 MLARGELHCIGATTLDEYRKYIEKDPALERRFQQVLAEEPTVEDTISILRGLKERFEIYHGVNIHDRAIVAASVLSDRYI  384
NTDB id 85 BSU 00860 NP 387967.1            SLARGELQCIGATTLDEYRKYIEKDAALERRFQPIQVDQPSVDESIQILQGLRDRYEAHHRVSITDDAIEAAVKLSDRYI  382
consensus                                    !!!!!!***!!!!!*!!!**!!!!*!!!!!*!** ***!*!***!*!!*!**!*! *! ! **!*!!*!!  !!*!!!

logo
NTDB id 601 KW2 RS02615 WP 021036805.1      QDRFLPDKAIDLLDESGSKKNLTLKFVDP..EDINRRIADAENKKNEATKAEDF.........................  378
NTDB id 972820 WN777 RS05965 WP 242294629.1 SDRFLPDKAIDLVDEACATIRTEIDSMPTELDEVTRRIMQLEIEEAALGKEKDFGSQERLKTLQRELSDLKEVASGMRAK  464
NTDB id 85 BSU 00860 NP 387967.1            SDRFLPDKAIDLIDEAGSKVRLRSFTTPPNLKELEQKLDEVRKEKDAAVQSQEF.........................  436
consensus                                   *!!!!!!!!!!!*!!******* * **** **** *** *** ** ** *  *!
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logo
NTDB id 601 KW2 RS02615 WP 021036805.1        ........EKAAHFRDQISKLRELQKQE.....................................VTDEDMPVITEKDIEQ   414
NTDB id 972820 WN777 RS05965 WP 242294629.1   WEKEKEDIHKVRDLREHLERLRRELEEAEGNYDLNKAAELRHGKIPAIEKELKEAEEMGAHNKQENRLLREEVSEEEIAD   544
NTDB id 85 BSU 00860 NP 387967.1              ........EKAASLRDTEQRLREQVEDTKKSWK...............................EKQGQENSEVTVDDIAM   478
consensus                                              *!** *!* * *!!* ***    *                                 *  *  ******!*

logo
NTDB id 601 KW2 RS02615 WP 021036805.1        IVEQKTQIPVGDLKEKEQTQLINLADDLKAHVIGQDEAVDKISKAIRRSRVGLGKPNRPIGSFLFVGPTGVGKTELAKQL   494
NTDB id 972820 WN777 RS05965 WP 242294629.1   IVSRWTGIPVAKLVEGEREKLLRLEQILSERVIGQEEAVSLVSDAVLRARAGIKDPNRPIGSFIFLGPTGVGKTELAKTL   624
NTDB id 85 BSU 00860 NP 387967.1              VVSSWTGVPVSKIAQTETDKLLNMENILHSRVIGQDEAVVAVAKAVRRARAGLKDPKRPIGSFIFLGPTGVGKTELARAL   558
consensus                                     *!* *!**!!*** * ! **!******!  *!!!!*!!!  ***!**!*!*!***!*!!!!!!*!*!!!!!!!!!!!* !

logo
NTDB id 601 KW2 RS02615 WP 021036805.1        AKELFGSSESMIRFDMSEYMEKHSVAKLIGAPPGYVGYEEAGQLTERVRRNPYSLILLDEIEKAHPDVMHMFLQILEDGR   574
NTDB id 972820 WN777 RS05965 WP 242294629.1   AQSLFDSEEQMIRIDMSEYMEKHAVSRLIGAPPGYVGYEEGGQLTEAVRRKPYSVILLDEIEKAHPEVFNILLQMLDDGR   704
NTDB id 85 BSU 00860 NP 387967.1              AESIFGDEESMIRIDMSEYMEKHSTSRLVGSPPGYVGYDEGGQLTEKVRRKPYSVVLLDEIEKAHPDVFNILLQVLEDGR   638
consensus                                     ! **!***!*!!!*!!!!!!!!!!****!*!*!!!!!!!*!*!!!!!*!!!!*!!!**!!!!!!!!!!*!****!!*!*!!!

logo
NTDB id 601 KW2 RS02615 WP 021036805.1        LTDAQGRTVSFKDSLIIMTSNAGTGKVEASVGFGA.......AREGRTKSVLGQLGDFFSPEFMNRFDGIIEFSALSKEN   647
NTDB id 972820 WN777 RS05965 WP 242294629.1   ITDSQGRTVDFKNTVIIMTSNIGSAHLLDGLG......EDGSIKEESRELVMGQLRGHFRPEFLNRVDEIILFKPLTTNE   778
NTDB id 85 BSU 00860 NP 387967.1              LTDSKGRTVDFRNTILIMTSNVGASELKRNKYVGFNVQDETQNHKDMKDKVMGELKRAFRPEFINRIDEIIVFHSLEKKH   718
consensus                                     *!!**!!!!*!*****!!!!!*!** *   ** *    **   *** ** !*!*!*  !*!!!*!!*!*!!*!  !**

logo
NTDB id 601 KW2 RS02615 WP 021036805.1        LLKIVDLMLDEVNEQIGRNDIHLSVTQAAKEKLVDLGYNPAMGARPLRRTIQENIEDSIADFYIEHPEY..KQLVADLID   725
NTDB id 972820 WN777 RS05965 WP 242294629.1   IKGIVDKIVKELQGRLADRHITVELTDAAKEFVVEAGFDPMYGARPLKRYVQRQVETKLARELIAGTIIDNSHVVVDVEN   858
NTDB id 85 BSU 00860 NP 387967.1              LTEIVSLMSDQLTKRLKEQDLSIELTDAAKAKVAEEGVDLEYGARPLRRAIQKHVEDRLSEELLRGNIHKGQHIVLDVED   798
consensus                                     *  !!********* ***********!*!!!***** !*** *!!!!!*! *!***!********* * *    **!*!***

logo
NTDB id 601 KW2 RS02615 WP 021036805.1        DKIVISNQTQETAETTDEEVPAE   748
NTDB id 972820 WN777 RS05965 WP 242294629.1   NELVVHVK...............   866
NTDB id 85 BSU 00860 NP 387967.1              GEFVVKTTAKTN...........   810
consensus                                      **!*
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X non conserved

X similar

X ≥ 50% conserved