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logo
NTDB id 610 V4T04 RS10165 WP 012897346.1      MKFENIKYTPTLDRILEKAEEYAHQYQYGTIESAHLLAAMATTSGSIAYSLLAGMNVDSSDLLIDLEDLSSHV......K    74
NTDB id 28634 BCER98 RS04880 WP 011983974.1   MDLNQ..MTTKTQEAIMSAQSLAVSHHHQEVDTVHLLLALLKQQDGLAVRIFQKMNVNIEQLTKEVETLIQKKPSVTGSG    78
NTDB id 85 BSU 00860 NP 387967.1              MMFGR..FTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEGIAAKALQALGLGSEKIQKEVESLIGRGQEMSQT.    77
consensus                                     ! * *  *! * ****  !** !*   ** *** !*!*****  ***! ******** ** * ***!*!* *   ** *

logo
NTDB id 610 V4T04 RS10165 WP 012897346.1      VKRSTLRFSPRAEEVMTAASFLAIHNNSEAVGTEHLLYALLQVEDGFGLQLLKLQKINIVSLRKELEKRTGLKVPESKKA   154
NTDB id 28634 BCER98 RS04880 WP 011983974.1   IEAGKLYITGALQQLLVKAEAEAKKLQDEYISVEHVLLAFCEETGD.VNRLFSNFRITKDTLLQSLMAVRGNQ.......   150
NTDB id 85 BSU 00860 NP 387967.1              ....IHY.TPRAKKVIELSMDEARKLGHSYVGTEHILLGLIREGEGVAARVLNNLGVSLNKARQQVLQLLGSN.......   145
consensus                                     *    ** ****  **  *  *!**** *****!!*!**** * ** * *** * **** **** ** * ! *

logo
NTDB id 610 V4T04 RS10165 WP 012897346.1      VTPMSKRKMAKGVAENSTTPTLDSVSSDLTEEARLGKLDPMIGREAEIDRLIHILSRRTKNNPVLVGEPGVGKSAIIEGL   234
NTDB id 28634 BCER98 RS04880 WP 011983974.1   ........RVTSQNPEVTYEALEKYGRDLVAEVKQGKIDPVIGRDSEIRRVIRILSRKTKNNPVLIGEPGVGKTAIVEGL   222
NTDB id 85 BSU 00860 NP 387967.1              ....ETGSSAAGTNSNANTPTLDSLARDLTAIAKEDSLDPVIGRSKEIQRVIEVLSRRTKNNPVLIGEPGVGKTAIAEGL   221
consensus                                             * * * * ****!**!***!!***** ***!!*!!!* !! !*! *!!!*!!!!!!!*!!!!!!!*!!*!!!

logo
NTDB id 610 V4T04 RS10165 WP 012897346.1      AQRIVNGQVPIGLMNSRIMALNMATVVAGTKFRGEFEDRLTAIVEEVSS.DPDVIIFIDELHTIIGAGGGMDSVNDAANI   313
NTDB id 28634 BCER98 RS04880 WP 011983974.1   AQRIVKKDVPEGLKDRTIFALDMSALVAGAKFRGEFEERLQAVLNEIKKSEGRILLFIDELHTIVGAGKT.EGAMDAGNM   301
NTDB id 85 BSU 00860 NP 387967.1              AQQIINNEVPEILRDKRVMTLDMGTVVAGTKYRGEFEDRLKKVMDEIRQ.AGNIILFIDELHTLIGAGGA.EGAIDASNI   299
consensus                                     !!*!** *!!**!*******!*!***!!!*!*!!!!!*!! ****!**  ** ***!!!!!!!**!!!** ****!!*!*

logo
NTDB id 610 V4T04 RS10165 WP 012897346.1      LKPALARGDFQMVGATTYHEYQKYIEKDEALERRLARINVDEPSPDEAIAILQGLREKFEDYHQVKFTDQAIKSAVMLSV   393
NTDB id 28634 BCER98 RS04880 WP 011983974.1   LKPMLARGELHCIGATTLDEYRKYIEKDPALERRFQQVLAEEPTVEDTISILRGLKERFEIYHGVNIHDRALVAASVLSD   381
NTDB id 85 BSU 00860 NP 387967.1              LKPSLARGELQCIGATTLDEYRKYIEKDAALERRFQPIQVDQPSVDESIQILQGLRDRYEAHHRVSITDDAIEAAVKLSD   379
consensus                                     !!! !!!!*****!!!!**!!*!!!!!! !!!!!** *****!****! !!*!!****! *! ! **! !* *!**!!*

logo
NTDB id 610 V4T04 RS10165 WP 012897346.1      RYMTSRKLPDKAIDLLDEAAAAVKISVKNQQTKRLDLEKELAEAQEELSEA.......V....IKL..............   448
NTDB id 28634 BCER98 RS04880 WP 011983974.1   RYISDRFLPDKAIDLVDEACATIRTEIDSMPTELDEVTRRIMQLEIEEAALGKETDRGSQERLKTLQHELSDLKEVASGM   461
NTDB id 85 BSU 00860 NP 387967.1              RYISDRFLPDKAIDLIDEAGSKVRLRSFTTPPNLKELEQKLDEVRKEKDAA.......V....................   431
consensus                                     !!***!*!!!!!!!!!*!!!** *** * * ** * ******* **  !  **       *      *
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logo
NTDB id 610 V4T04 RS10165 WP 012897346.1      .........DIKAS...RTKE.KAVEKI..ADKIYKF.............................SVKEDKRQEVTDQA   484
NTDB id 28634 BCER98 RS04880 WP 011983974.1   RAQWEKEKEEIHKVRNLREKLERLRRELEEAEGNYDLNKAAELRHGKIPEVEKELKVAEEAGTHHENENRLLREEVSEEE   541
NTDB id 85 BSU 00860 NP 387967.1              ......QSQEFEKAASLRDTEQRLREQVEDTKKSWK..............................EKQGQENSEVTVDD   475
consensus                                              ** *   *!*** **** ****** **                                 *   * !!****

logo
NTDB id 610 V4T04 RS10165 WP 012897346.1      VVAVASTLTGVPITQMTKSESDRLINLEKELHKRVVGQEEAISAVSRAIRRARSGVADSRRPMGSFMFLGPTGVGKTELA   564
NTDB id 28634 BCER98 RS04880 WP 011983974.1   IANIVSRWTGIPVAKLVEGEREKLLRLEQILSERVIGQEEAVSLVADAVLRARAGIKDPNRPIGSFIFLGPTGVGKTELA   621
NTDB id 85 BSU 00860 NP 387967.1              IAMVVSSWTGVPVSKIAQTETDKLLNMENILHSRVIGQDEAVVAVAKAVRRARAGLKDPKRPIGSFIFLGPTGVGKTELA   555
consensus                                     ** **!**!!*!****  *!***!***!**!* !!*!!*!!***!**!**!!*!**!*!!*!!!*!!!!!!!!!!!!!

logo
NTDB id 610 V4T04 RS10165 WP 012897346.1      KALADSVFGSEDNMIRVDMSEFMEKHSTSRLIGAPPGYVGYDEGGQLTERVRNKPYSVVLLDEVEKAHPDVFNIMLQILD   644
NTDB id 28634 BCER98 RS04880 WP 011983974.1   KTLAQSLFDSEEQMIRIDMSEYMEKHAVSRLIGAPPGYVGYEEGGQLTEAVRRKPYSVILLDEIEKAHPEVFNILLQMLD   701
NTDB id 85 BSU 00860 NP 387967.1              RALAESIFGDEESMIRIDMSEYMEKHSTSRLVGSPPGYVGYDEGGQLTEKVRRKPYSVVLLDEIEKAHPDVFNILLQVLE   635
consensus                                     **!!*!*!**!**!!!*!!!!*!!!!**!!!*!*!!!!!!!*!!!!!!!*!!*!!!!!*!!!!*!!!!*!!!!*!!!*!*!*

logo
NTDB id 610 V4T04 RS10165 WP 012897346.1      DGFVTDTKGRKVDFRNTIIIMTSNLGATALRDDKTVGFGAKNITADYSAMKSRILEELKRHYRPEFLNRIDENIVFHSLE   724
NTDB id 28634 BCER98 RS04880 WP 011983974.1   DGRITDSQGRTVDFKNTVIIMTSNIGSAYLLE......GLQENGAIKEEARDLVMGELRGHFRPEFLNRVDEIILFKPLT   775
NTDB id 85 BSU 00860 NP 387967.1              DGRLTDSKGRTVDFRNTILIMTSNVGASELKRNKYVGFNVQDETQNHKDMKDKVMGELKRAFRPEFINRIDEIIVFHSLE   715
consensus                                     !!*!!**!!*!!!!*!!**!!!!!*!** !** * ******* **   ********!!****!!!!*!!*!!*!*!**!*

logo
NTDB id 610 V4T04 RS10165 WP 012897346.1      SQEIEQIVKIMSKSLIKRLAEQDIHVKLTPSAVKLIAEVGFDPEYGARPLRKALQKEVEDLLSEQLLSGEIKAGNHVSIG   804
NTDB id 28634 BCER98 RS04880 WP 011983974.1   THEIKGIVDKIVKELQGRLVERHITVALTESAKEFIVESGFDPMYGARPLKRYVQRQIETKLARELIAGTIIDNSHVVVD   855
NTDB id 85 BSU 00860 NP 387967.1              KKHLTEIVSLMSDQLTKRLKEQDLSIELTDAAKAKVAEEGVDLEYGARPLRRAIQKHVEDRLSEELLRGNIHKGQHIVLD   795
consensus                                     * **  !! **** ! *!! !***** !!**!*  **! !*!**!!!!!!***!* *!**!***!* ! !  **!****

logo
NTDB id 610 V4T04 RS10165 WP 012897346.1      ASNKKIKIAQIV...   816
NTDB id 28634 BCER98 RS04880 WP 011983974.1   VENNEFVVHVK....   866
NTDB id 85 BSU 00860 NP 387967.1              VEDGEFVVKTTAKTN   810
consensus                                     *** ****
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X non conserved

X similar

X ≥ 50% conserved