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logo
NTDB id 376481 FQZ25 RS12085 WP 060852344.1  MSLRFVIGRAGSGKSTLCLREVQEELKQRPRGKTILYLVPEQMTFQTQQALIGSEDVRGSIRAQVFSFSRLAWKVLQEVG   80
NTDB id 120 BSU 10620 NP 388943.2            MGAEFLVGRSGSGKTKLIINSIQDELRRAPFGKPIIFLVPDQMTFLMEYELAKTPDMGGMIRAQVFSFSRLAWRVLQHTG   80
consensus                                    !   !**!! !!!!* !**  *!*!!*  ! !!*!**!!!*!!!!     !  **!* ! !!!!!!!!!!!!!*!!!* !

logo

NTDB id 376481 FQZ25 RS12085 WP 060852344.1  GASRLHIDEAGVHMLLRKIVESRKDGLSVRQKAAEQNGFFEHLGSMIAEFKRYNVTPSNVYEMWQQLDAHSSSAEQKLLA  160
NTDB id 120 BSU 10620 NP 388943.2            GMSRPFLTSTGVQMLLRKLIEEHKQEFKVYQKASDKSGFTAQVERMLTEFKRYCLEPEDIRRMAESGTA.SEYRGERVLS  159
consensus                                    ! !!***   !!*!!!!!**! *!    !*!!! *  !!  **  !* !!!!!** !  *  !     !*!     **!

logo

NTDB id 376481 FQZ25 RS12085 WP 060852344.1  NKVYDLQLLYDDFERALIGKYLDSEDYLQLLVEKLPQSEYVNGAEIYIDGFHSFSPQELEIVRQLMICGARVTITLTIDE  240
NTDB id 120 BSU 10620 NP 388943.2            EKLHDLSILYQQMEKSLADQYLHSEDYLTLLAEHIPLAEDIKGAHIYVDGFYQFTPQEFRVLEQLMVHAEHITFSLTADK  239
consensus                                     !**!! *!!   !* !   !!*!!!!! !! !**!  ! * !!*!!*!!!* !*!!!  ** !!!* * **! *!! !

logo

NTDB id 376481 FQZ25 RS12085 WP 060852344.1  KTLAQPVNELDLFYETTLTYEKIKQVAREEKIEIEKTIPLMEQPRFHSPALAHLEAHYEARPNEKFNGE.ASVTISTAAN  319
NTDB id 120 BSU 10620 NP 388943.2            PSYEREPHELELFRMTGKTYYRLHQKAKELNLDITYKELSGTERHTKTPELAHLEAQYEARPAIPYAEKQEALTVMQAAN  319
consensus                                    **   ***!!*!!  !  !! ***! !*!  **!   *   ** **! !!!!!!*!!!!!  **   *  *!*  !!!

logo

NTDB id 376481 FQZ25 RS12085 WP 060852344.1  LRAEVEGVAREIRKLVANEKYRYRDIAVLLRNGESYYDVMRTLFTDYNIPHFIDEKRPMSHHPLVECIRSALEIISGNWR  399
NTDB id 120 BSU 10620 NP 388943.2            RRAELEGIAREIHALVREKGYRYKDVAILARQPEDYKDMVKEVFADYEIPYFIDGKASMLNHPLIEFIRSSLDVLKGNWR  399
consensus                                     !!!*!!*!!!!* !!    !!!*!*!*! !**! ! !*** *! !! !!*!!! ! *! *!!!*!*!!! !*** !!!!

logo

NTDB id 376481 FQZ25 RS12085 WP 060852344.1  YDAVFRCVKTELLYPLDVRKETMREEMDEFENYCLAYGVQGKRWTSEDPWMYRRYRSLDDTNGMITDSEREMEEKINRLR  479
NTDB id 120 BSU 10620 NP 388943.2            YEAVFRCVKTELLFPLNEPKAKVREQVDQLENYCIAYGIKGDRWTKGDRFQYRRFVSLDDDFA.QTDQEIEMENMLNDTR  478
consensus                                    !*!!!!!!!!!!!*!!   *!   *!! *!  !!!!*!!!* ! !!!   !** !!!* !!!!   ** !! ! !!!   *!   !

logo

NTDB id 376481 FQZ25 RS12085 WP 060852344.1  DVVRTPVIRMQKRLKRAGTVMQMCEAVYLFLEELDVPKKLEELRIRAEESGDFLFATDHEQVWEEVMSLLDTFVEMLGEE  559
NTDB id 120 BSU 10620 NP 388943.2            DWIVPPLFQLQKRMKKAKTVQEKAEALYRYLEETDVPLKLDQERQRAEDDGRIIEAQQHQQAWDAVIQLLEEFVEMMGDD  558
consensus                                    ! * *!*  *!!!*!*! !!   *!!*! *!!! !!! !!*  ! !!!* !  * !  ! ! !* !* !!* !!!!*!**
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logo
NTDB id 376481 FQZ25 RS12085 WP 060852344.1  KMSLSMFTDVMSTGLEALQFANIPPSLDQVLIANIDHSRLSDVKATFIIGVNEGVIPAAPMDEGMLSDEEREVLGAAGIE   639
NTDB id 120 BSU 10620 NP 388943.2            EISLDLFQQMIEAGAESLTFSLIPPALDQVFVGNMDLSRMYGTSCTFVLGANDGVLPARPDENGVLSDDDREWLKTIGVE   638
consensus                                     *!! *!  **  ! ! ! !  !!! !!!! **!*!*!!*    *!!**! !*!!*!! ! * !*!!!**!! !   !*!

logo
NTDB id 376481 FQZ25 RS12085 WP 060852344.1  LAPTTRQTLLEEQFVMYQMVTRASEKLYISCPLADEEGKTLLASSFIKKIKRMFPNVKDSFITNDVNDLSRSEQISYVAT   719
NTDB id 120 BSU 10620 NP 388943.2            LSSGGRERLLDEHFLIYMAFSSPSDRLYVSYPIADAEGKTLLPSMIVKRLEELFPHHKERLLTNEPEQVSDEEQLMYVVN   718
consensus                                    ! *  !  !!*!*!**!   * *!**!!*!*!!  !!!!!!*!  *!**  *!!**!*  *!!**  *!  !!* !!

logo
NTDB id 376481 FQZ25 RS12085 WP 060852344.1  PEVTLSYVMQQLQTWKRYGFEGNLDFWWDVYNFYVTSDEWKQKSSRVLSSLFYRNRAKKLSTAVSRDLYGDIIKGSVSRM   799
NTDB id 120 BSU 10620 NP 388943.2            KSVAQSFTASQLRLWTREY..DISDVWWSTYNVLMSEQD.RLQSKKLFSSLFFRNEVKQLERSVSRQLYGERIQGSVSRM   795
consensus                                    * !  !*   !!  ! !  **   ! !!  !!  **  ***  ! ** !!!!*!!  ! !   !!! !!!* ! !!!!!!

logo
NTDB id 376481 FQZ25 RS12085 WP 060852344.1  ELFNRCAYAHFAQHGLSLRERDIFKLDAPDIGELFHAALKKIADKLLRENRTWADLSIKECEHLSVLVIEEIAPLLQRQI   879
NTDB id 120 BSU 10620 NP 388943.2            ETFNACPFSHFASHGLHLKERQFFKLEAPDIGQLFHSSLKLISDRLREQKLDWRDLTKEQCELFSYDAVERLAPKLQKEI   875
consensus                                    ! !!  !** !!! !!!*!*!!  !!!*!!!!! !!!  !! ! !*!      ! !!*   !!* !   *! *!! !!* !

logo
NTDB id 376481 FQZ25 RS12085 WP 060852344.1  LLSSNRHFYLKQKLQQIIFRTSIILREHAKSSGFVPVDLEVPFGMGGTGSLPPMEFSLPNGVKMEVVGRIDRVDKAEDEN   959
NTDB id 120 BSU 10620 NP 388943.2            LLSSNRHYYVKEKLQKIVTRVSGILSEHAKASGFVPIGLEL..GFGGKGPLPPLTFQLKNGCTMELVGRIDRVDKAESSK   953
consensus                                    !!!!!!!*!*! !!! !* ! ! !! !!!! !!!!!* !!***! !! !*!!!* ! !*!!* !!*!!!!!!!!!!!

logo
NTDB id 376481 FQZ25 RS12085 WP 060852344.1  GTFLRIIDYKSSSKALDLTEVYYGLALQMLTYLDVVTSNAQTWMKKGHAASPAGVLYFHIHNPIVEMKGDATEAEIEKEI  1039
NTDB id 120 BSU 10620 NP 388943.2            GLLLRIVDYKSSDKGLDLAEVYYGLALQMLTYLDLSITHSADWL..GMRATPAGVLYFHIHDPMIQSNLPLGLDEIEQEI  1031
consensus                                    !   !!!*!!!!! !*!!! !!!!!!!!!!!!!!!*  **   !***!* !*!!!!!!!!!! !**    *    !!! !!

logo
NTDB id 376481 FQZ25 RS12085 WP 060852344.1  LKKFKMKGLVLGDADVVRLMDNKLSTGSSDIISAGLKKDGSFSARSSIASEQEFNVLQKYVHHTFENIGKDITEGVIDIA  1119
NTDB id 120 BSU 10620 NP 388943.2            FKKFKMKGLLLGDQEVVRLMDTTLQEGRSNIINAGLKKDGSLRSDSAAVGEKEFDLLTKHVRRTFQEAGEQITDGRVSIE  1111
consensus                                     !!!!!!!!!*!!! *!!!!!!  !  ! ! !! !!!!!!!!   !   ! !! *! !*!**!!   !  !!*! * !
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logo

NTDB id 376481 FQZ25 RS12085 WP 060852344.1  PYKMGNKAACTFCNFKSVCQFDESLEDNQFRSLKDMKDSEAMEKIREEVGGE...  1171
NTDB id 120 BSU 10620 NP 388943.2            PYKMKNKTPCTYCAFKSVCQFDESLEENEYRPLKAEKDKTILEWIKKEADGNEHS  1166
consensus                                    !!!! !! *!!*! !!!!!!!!!!!!*! *!*!!  !!   *! !* !  ! ***
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X non conserved

X similar

X $\geq$ 50% conserved