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logo
NTDB id 1010041 ABN702 RS13625 WP 417897368.1  MSIRFLIGRTGSGKTKWCSDQILQQLKDNPEGPPIVYLVPEQMTFQSEYRMVQSPDIQGMIRAQVFSFTRLAWRILQEVG   80
NTDB id 120 BSU 10620 NP 388943.2              MGAEFLVGRSGSGKTKLTINSIQDELRRAPFGKPIIFLVPDQMTFLMEYELAKTPDMGGMIRAQVFSFSRLAWRVLQHTG   80
consensus                                      !   !!*!!*!!!!!! *   !   !*  ! !*!!**!!!*!!!!  !! *  *!!* !!!!!!!!!!*!!!!!*!!* !

logo
NTDB id 1010041 ABN702 RS13625 WP 417897368.1  GISRFHIDQTGIHMLLRKVVEEHKNEFQVRGRSAEQFGFIEQMESMVTEFKRYCVTPEQLQEEIVRIKDDSTISEHERML  160
NTDB id 120 BSU 10620 NP 388943.2              GMSRPFLTSTGVQMLLRKLIEEHKQEFKVYQKASDKSGFTAQVERMLTEFKRYCLEPEDIRRMAES..GTASEYRGERVL  158
consensus                                      !*!!***  !!**!!!!!**!!!!*!! !* *  *  !!  !*! !*!!!!!!!* !! *      **   *   *!!*!

logo
NTDB id 1010041 ABN702 RS13625 WP 417897368.1  AKKLTDILVVYRQLEHTLEGNYVDGEDYLQLLAEKIPFSSYIKQAEIFIDGFHSFTPQEVEVLKQLMVHARSVTVALTLD  240
NTDB id 120 BSU 10620 NP 388943.2              SEKLHDLSILYQQMEKSLADQYLHSEDYLTLLAEHIPLAEDIKGAHIYVDGFYQFTPQEFRVLEQLMVHAEHITFSLTAD  238
consensus                                        !!*!* **!  !*!**!  *!** !!!! !!!!*!!    !! !*!**!!!* !!!!!  !! !!!!!! **!  !! !

logo
NTDB id 1010041 ABN702 RS13625 WP 417897368.1  KPYDEEAPYDLHLFRSTGTTYQKLRKIALEEGCEVEAPVLMEDAHRFMESDSLSLRHLEKYFDVRPTVAYPGKGE.VSIMQA  319
NTDB id 120 BSU 10620 NP 388943.2              KPSYEREPHELELFRMTGKTYYRLHQKAKELNLDITYKEL.SGTERHTKTPELAHLEAQYEARPAIPYAEKQEALTVMQA  317
consensus                                      !!  !  !**!*!!! !! !! *!*  ! !  ***  * !*   *!*  ** ! !!!  ** !! **!* ! !****!!!

logo
NTDB id 1010041 ABN702 RS13625 WP 417897368.1  VNRRAEIEGIAREITSLVRDKDNRYKDIAVIVRNAESYVDLINTVFKDYEIPFFIDQKRTMLHHPLVELLRSSIEVITRN  399
NTDB id 120 BSU 10620 NP 388943.2              ANRRAELEGIAREIHALVREKGYRYKDVAILARQPEDYKDMVKEVFADYEIPYFIDGKASMLNHPLIEFIRSSLDVLKGN  397
consensus                                       !!!!!*!!!!!!!* !!!*!  !!!!*!** !**! ! !**  !! !!!!!*!!! ! *!!*!!!*! *!!!**!*  !

logo
NTDB id 1010041 ABN702 RS13625 WP 417897368.1  WRYESVFRCVKTDFFYSMDHDIEEMREKTDKLENYCLSYGIQGKRWTADKPWTYRRFFSIDTEGPYVQTDEELAYEQEIN  479
NTDB id 120 BSU 10620 NP 388943.2              WRYEAVFRCVKTELLFPLNEPKAKVREQVDQLENYCIAYGIKGDRWTKGDRFQYRRFVSLDD..DFAQTDQEIEMENMLN  475
consensus                                      !!!!  !!!!!!!*  *** **   *!!  ! !!!!!* !!! ! !!!   ** !!!! !*! **** !!! !*  !* *!

logo
NTDB id 1010041 ABN702 RS13625 WP 417897368.1  ELRSMIVEPLLMLEKRWKRSKSIEGFCKALYEYMEDLGIPAKLENRMRKAEQAGNLSSSKENEQVWKAIIGMLDQMVELI  559
NTDB id 120 BSU 10620 NP 388943.2              DTRDWIVPPLFQLQKRMKKAKTVQEKAEALYRYLEETDVPLKLDDQERQRAEDDGRIIEAQQHQQAWDAVIQLLEEFVEMM  555
consensus                                      * !  !!*!!  ! !! !* !**   * !!! !*!*  *! !!**   *!!  ! *     * ! ! !*! *!*  !!**
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logo

NTDB id 1010041 ABN702 RS13625 WP 417897368.1  GDQSISMALFSKMLESGLESLRFSLVPPAIDQVIVANFDLSRLTDIKHSFVIGVNEGVIPAKIKDEGFVSEEERELLASF   639
NTDB id 120 BSU 10620 NP 388943.2              GDDEISLDLFQQMIEAGAESLTFSLIPPALDQVFVGNMDLSRMYGTSCTFVLGANDGVLPARPDENGVLSDDDREWLKTI   635
consensus                                      !!   !!* !!  !*! ! !!! !!!*!!!*!!! !*! !!!!*     *!!*! !*!!*!!** * ! *!***!! ! *

logo

NTDB id 1010041 ABN702 RS13625 WP 417897368.1  GLELAPTSLERLLDDHFLVYSAFLSPSHQLYISYSLADEEGKSLLASSYIKRVKEMFPEVEERLMLNEPAELSQEEPLMF   719
NTDB id 120 BSU 10620 NP 388943.2              GVELSSGGRERLLDEHFLIYMAFSSPSDRLYVSYPIADAEGKTLLPSMIVKRLEELFPHHKERLLTNEPEQVSDEEQLMY   715
consensus                                      !*!! *   !!!!!*!!!*! !! !!!* !!*!!**!! !!!*!!*!  *!!* !*!!** !!!* !!!  *! !!*!!*

logo

NTDB id 1010041 ABN702 RS13625 WP 417897368.1  VHTPGTTLSNLAVQLQAWMKKYPVDPVWWDVYNTLLEDEQWNGRTEQVLQSLFYRNEAKKLEACVSRKLYGDHMEASVSR   799
NTDB id 120 BSU 10620 NP 388943.2              VVNKSVAQSFTASQLRLWTREYDISDVWWSTYNVLMSEQD.RLQSKKLFSSLFFRNEVKQLERSVSRQLYGERIQGSVSR   794
consensus                                      !* *    !  ! !!  ! * !** *!!!  !! !* *  *   *  *  !!!*!!! ! !! *!!! !!!*** *!!!!

logo

NTDB id 1010041 ABN702 RS13625 WP 417897368.1  MEKFSSCAFSHFASHGLKLKDRQIYRLEAPDIGQLFHAALKTISDSLRQKGSDWKSLTKSECERLAKEAVNILAPKLQGE   879
NTDB id 120 BSU 10620 NP 388943.2              METFNACPFSHFASHGLHLKERQFFKLEAPDIGQLFHSSLKLISDRLREQKLDWRDLTKEQCELFSYDAVERLAPKLQKE   874
consensus                                      !! !  !*!!!!!!!!!*!!*!! **!!!!!!!!!!!! !! !!! !!    !!* !!!  !!    *!!  !!!!!! !

logo

NTDB id 1010041 ABN702 RS13625 WP 417897368.1  ILLSSNRFQYIKRKLETIITRATQILSEHSRASKFTPVGLELGFGQKEELPPIRLDLPNGVSMELVGRIDRVDKAEGSNG   959
NTDB id 120 BSU 10620 NP 388943.2              ILLSSNRHYYVKEKLQKIVTRVSGILSEHAKASGFVPIGLELGFGGKGPLPPLTFQLKNGCTMELVGRIDRVDKAESSKG   954
consensus                                      !!!!!!!* !*! !!   !*!! * !!!!! *!! ! !*!!!!!!! ! *!!!*   !*!!**!!!!!!!!!!!!!! ! !

logo

NTDB id 1010041 ABN702 RS13625 WP 417897368.1  LLLRIIDYKSSNKALDLTEVYYGLALQMLTYLDIVISHSQGWLGTQASPAGVLYFHVHNPMIKTNGMAPEDIIEEEIFKS  1039
NTDB id 120 BSU 10620 NP 388943.2              LLLRIVDYKSSDKGLDLAEVYYGLALQMLTYLDLSITHSADWLGMRATPAGVLYFHIHDPMIQSNLPLGLDEIEQEIFKK  1034
consensus                                      !!!!!*!!!!! !*!!! !!!!!!!!!!!!!!* !*!!  !!!  !*!!!!!!!*! !!! *! * * ! !! !!!!

logo

NTDB id 1010041 ABN702 RS13625 WP 417897368.1  FKMKGLLLGEEESVRLMDQTLDKGHSQIVSAGLKTNGEFYSNSSVASETEFTYLRNYVRKTFEDIGMKISEGETGIAPYK  1119
NTDB id 120 BSU 10620 NP 388943.2              FKMKGLLLGDQEVVRLMDTTLQEGRSNIINAGLKKDGSLRSDSAAVGEKEFDLLTKHVRRTFQEAGEQITDGRVSIEPYK  1114
consensus                                      !!!!!!!!!!* ! !!!!! !!  !*!*!* !!!!  !   ! !    ! !!  !  *!!*!! * !  !**!   ! !!!
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logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1010041 ABN702 RS13625 WP 417897368.1  LKNQTPCTFCSYKSFCQFDTSLDENDYRLLTNIPKDEIMESIKRKVEGGG..  1169
NTDB id 120 BSU 10620 NP 388943.2              MKNKTPCTYCAFKSVCQFDESLEENEYRPLKAEKDKTILEWIKKEADGNEHS  1166
consensus                                      *!! !!!!*! *!! !!!! !!*!!*!!*!    *   !*! !!*  *!  **
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X non conserved

X similar

X $\geq$ 50% conserved