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logo
NTDB id 50361 H9401 RS05900 WP 000058556.1  MSLRFVIGRAGSGKSTLCLHEVQEELKQRPRGETILYLVPEQMTFQTQQALIGSEDVRGSIRAQVFSFSRLAWKVLQEVGGASRL   85
NTDB id 120 BSU 10620 NP 388943.2           MGAEFLVGRSGSGKTKLIINSIQDELRRAPFGKPIIFLVPDQMTFLMEYELAKTPDMGGMIRAQVFSFSRLAWRVLQHTGGMSRP   85
consensus                                   !   !**!! !!!!* !*** *!*!!*  ! ! *!**!!!*!!!!     !  **!* ! !!!!!!!!!!!!!*!!!* !! !!*

logo
NTDB id 50361 H9401 RS05900 WP 000058556.1  HIDEAGVHMLLRKIVESRKDGLSVFQKAAEQNGFFEHLGSMIAEFKRYNVTPSNVYEMWQQLDAHSSSAEQKLLANKVYDLQLLY  170
NTDB id 120 BSU 10620 NP 388943.2           FLTSTGVQMLLRKLIEEHKQEFKVYQKASDKSGFTAQVERMLTEFKRYCLEPEDIRRMAESGTA.SEYRGERVLSEKLHDLSILY  169
consensus                                   **   !!*!!!!!**! *!    !*!!! *  !!  **  !* !!!!!** !  *  !     !*!     **!  !**!! *!!

logo
NTDB id 50361 H9401 RS05900 WP 000058556.1  DDFERALIGKYLDSEDYLQLLVEKLPQSEYVKGAEVYIDGFHSFSPQELEIVRQLMICGARVTITLTIDEKTLAQPVNELDLFYE  255
NTDB id 120 BSU 10620 NP 388943.2           QQMEKSLADQYLHSEDYLTLLAEHIPLAEDIKGAHIYVDGFYQFTPQEFRVLEQLMVHAEHITFSLTADKPSYEREPHELELFRM  254
consensus                                      !* !   !!*!!!!! !! !**!  ! *!!!**!*!!!* !*!!!  ** !!!* * **! *!! ! **   ***!!*!!

logo
NTDB id 50361 H9401 RS05900 WP 000058556.1  TTLTYEKIKQVAREEKIEIEKTIPLMEQPRFHSPALAHLEMHYEARPNEKFHGE.ASVTIHTAANLRAEVEGVAREIRRLVAEEN  339
NTDB id 120 BSU 10620 NP 388943.2           TGKTYYRLHQKAKELNLDITYKELSGTERHTKTPELAHLEAQYEARPAIPYAEKQEALTVMQAANRRAELEGIAREIHALVREKG  339
consensus                                   !  !! ***! !*!  **!    *    ** **! !!!!! *!!!!!  ***  *  *!** !!! !!!*!!*!!!!* !! !

logo
NTDB id 50361 H9401 RS05900 WP 000058556.1  YRYRDIAVLLRNGESYYDVMRTLFTDYNIPHFIDEKRPMSHHPLVECIRSALEIISGNWRYDAVFRCVKTELLYPLDVRKETMRE  424
NTDB id 120 BSU 10620 NP 388943.2           YRYKDVAILARQPEDYKDMVKEVFADYEIPYFIDGKASMLNHPLIEFIRSSLDVLKGNWRYEAVFRCVKTELLFPLNEPKAKVRE  424
consensus                                   !!!*!*!*! !**! ! !*** *! !! !!*!!! ! *! *!!!*!*!!! !*** !!!!!*!!!!!!!!!!!*!!  *!  *!!

logo
NTDB id 50361 H9401 RS05900 WP 000058556.1  EMDEFENYCLAYGVQGKRWTSEDPWMYRRYRSLDDTNGMITDSEREMEEKINRLRDVVRTPVIRMQKRLKRAGTVMQMCEAVYLF  509
NTDB id 120 BSU 10620 NP 388943.2           QVDQLENYCIAYGIKGDRWTKGDRFQYRRFVSLDDDFA.QTDQEIEMENMLNDTRDWIVPPLFQLQKRMKKAKTVQEKAEALYRY  508
consensus                                    *!  !!!!*!!!* ! !!!  !** !!!* !!!!  ** !! ! !!!  *!  !! * *!*  *!!!*!*! !!   *!!*! *

logo
NTDB id 50361 H9401 RS05900 WP 000058556.1  LEELDVPKKLEALRIRAEENGDFLFATDHEQVWEEVMSLLDTFVEMLGEEKMSLSMFTDVMSTGLEALQFANIPPSLDQVLIANI  594
NTDB id 120 BSU 10620 NP 388943.2           LEETDVPLKLDQERQRAEDDGRIIEAQQHQQAWDAVIQLLEEFVEMMGDDEISLDLFQQMIEAGAESLTFSLIPPALDQVFVGNM  593
consensus                                   !!! !!! !!*  ! !!!* !  * !  ! ! !* !* !!* !!!!*!** *!! *!  **  ! ! ! !  !!! !!!! **!*
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logo
NTDB id 50361 H9401 RS05900 WP 000058556.1  DRSRLSNVKATFVIGVNEGVIPAAPMDEGMLSDEERDVLSAAGIELAPTTRQTLLEEQFVMYQMVTRATEKLYISCPLADEEGKT   679
NTDB id 120 BSU 10620 NP 388943.2           DLSRMYGTSCTFVLGANDGVLPARPDENGVLSDDDREWLKTIGVELSSGGRERLLDEHFLIYMAFSSPSDRLYVSYPIADAEGKT   678
consensus                                   ! !!*    *!!!*! !*!!*!! ! * !*!!!**!* !   !*!! *  !  !!*!*!**!   * ****!!*!*!*!! !!!!

logo
NTDB id 50361 H9401 RS05900 WP 000058556.1  LLASSFIKKIKRMFPDVKDTFITNDVNDLSRLEQISYVATPEVTLSYVMQQLQTWKRYGFEGNLDFWWDVYNFYVTSDEWKQKSS   764
NTDB id 120 BSU 10620 NP 388943.2           LLPSMIVKRLEELFPHHKERLLTNEPEQVSDEEQLMYVVNKSVAQSFTASQLRLWTREY..DISDVWWSTYNVLMSEQD.RLQSK   760
consensus                                   !!*!  *!**  *!!**!*  *!!**  *!  !!* !!  * !  !*   !!  ! !  **   ! !!  !!  **  ***  !

logo
NTDB id 50361 H9401 RS05900 WP 000058556.1  RVLSSLFYRNRAQKLSTAVSRDLYGDKIKGSVSRMELFNRCAYAHFAQHGLSLRERDIFKLDAPDIGELFHAALKRIADRLLREN   849
NTDB id 120 BSU 10620 NP 388943.2           KLFSSLFFRNEVKQLERSVSRQLYGERIQGSVSRMETFNACPFSHFASHGLHLKERQFFKLEAPDIGQLFHSSLKLISDRLREQK   845
consensus                                   ** !!!!*!!    !   !!! !!!**! !!!!!!! !! !** !!! !!!*!*!!  !!!*!!!!! !!!  !! ! !!!

logo
NTDB id 50361 H9401 RS05900 WP 000058556.1  RTWADLSIKECEHLSAVVIEEIAPLLQRQILLSSNRHFYLKQKLQQIIFRTSIILREHAKSSGFVPVDLEVPFGMGGTGSLPPME   934
NTDB id 120 BSU 10620 NP 388943.2           LDWRDLTKEQCELFSYDAVERLAPKLQKEILLSSNRHYYVKEKLQKIVTRVSGILSEHAKASGFVPIGLEL..GFGGKGPLPPLT   928
consensus                                     ! !!*   !!* !   *! *!! !!* !!!!!!!!!*!*! !!! !* ! ! !! !!!! !!!!!* !!***! !! !*!!!*

logo
NTDB id 50361 H9401 RS05900 WP 000058556.1  FSLPNGVKMEVVGRIDRVDKAEDENGTFLRIIDYKSSSKALDLTEVYYGLALQMLTYLDVVTSNAQTWMKKGGTASPAGVLYFHI  1019
NTDB id 120 BSU 10620 NP 388943.2           FQLKNGCTMELVGRIDRVDKAESSKGLLLRIVDYKSSDKGLDLAEVYYGLALQMLTYLDLSITHSADWLG..MRATPAGVLYFHI  1011
consensus                                   ! !*!!* !!*!!!!!!!!!!!!   !  !!!*!!!!! !*!!! !!!!!!!!!!!!!!!!*  **   !* **  !*!!!!!!!!!

logo
NTDB id 50361 H9401 RS05900 WP 000058556.1  HNPIVEVKGDASEAEIEKEILKKFKMKGLVLGDADVVRLMDNKLSTGSSDIISAGLKKDGSFSARSSIASEQEFNVLQKYVHHTF  1104
NTDB id 120 BSU 10620 NP 388943.2           HDPMIQSNLPLGLDEIEQEIFKKFKMKGLLLGDQEVVRLMDTTLQEGRSNIINAGLKKDGSLRSDSAAVGEKEFDLLTKHVRRTF  1096
consensus                                   ! !**    *    !!! !! !!!!!!!!*!!! *!!!!!! !  ! ! !! !!!!!!!!   !    ! !! *! !*!**!!

logo
NTDB id 50361 H9401 RS05900 WP 000058556.1  ENIGKDITEGVIDIAPYKKGNKAACTFCNFKSVCQFDESLEDNQFRTLKDMKDSEAMEKIREEVGGE...  1171
NTDB id 120 BSU 10620 NP 388943.2           QEAGEQITDGRVSIEPYKMKNKTPCTYCAFKSVCQFDESLEENEYRPLKAEKDKTILEWIKKEADGNEHS  1166
consensus                                      !  !!*! * ! !!!  !! *!!*! !!!!!!!!!!!!*! *!*!!  !!   *! !* !  ! ***
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X non conserved
X similar
X $\geq$ 50% conserved