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logo
NTDB id 346221 EXW28 RS05650 WP 215552770.1  MSLRFVIGRAGSGKSTLCLHEVQEELKQRPRGKTILYLVPEQMTFQTQQALIGSEEVRGSIRAQVFSFSRLAWKVLQEVG   80
NTDB id 120 BSU 10620 NP 388943.2            MGAEFLVGRSGSGKTKLIINSIQDELRRAPFGKPIIFLVPDQMTFLMEYELAKTPDMGGMIRAQVFSFSRLAWRVLQHTG   80
consensus                                    !   !**!! !!!!* !*** *!*!!*  ! !!*!**!!!*!!!!     !  **** ! !!!!!!!!!!!!!*!!!* !

logo
NTDB id 346221 EXW28 RS05650 WP 215552770.1  GASRLHIDEAGVHMLLRKIVESRKDGLSVRQKAAEQNGFFEHLGSMIAEFKRYNVTPSNVYEMWQQLDTHSSSAEQKLLA  160
NTDB id 120 BSU 10620 NP 388943.2            GMSRPFLTSTGVQMLLRKLIEEHKQEFKVYQKASDKSGFTAQVERMLTEFKRYCLEPEDIRRMAES.GTASEYRGERVLS  159
consensus                                    ! !!***   !!*!!!!!**! *!    !*!!! *  !!  **  !* !!!!!** !  *  !   * !*!     **!

logo
NTDB id 346221 EXW28 RS05650 WP 215552770.1  NKVYDLQLLYDDFERALIGKYLDSEDYLQLLIEKLSDSEYVKGAEIYIDGFHSFSPQELEIVRGLMRLGTRVTITLTIDE  240
NTDB id 120 BSU 10620 NP 388943.2            EKLHDLSILYQQMEKSLADQYLHSEDYLTLLAEHIPLAEDIKGAHIYVDGFYQFTPQEFRVLEQLMVHAEHITFSLTADK  239
consensus                                     !**!! *!!   !* !   !!*!!!!! !! !***  ! *!!!*!!*!!!* !*!!!  **  !! ** **! *!! !

logo
NTDB id 346221 EXW28 RS05650 WP 215552770.1  KTLAQPVNELDLFYETTLTYERIKQVAREEKIEIEKTIPLMEQPRFHSPALAHLEAHYEARPNEKYHGE.ASVTISTAAN  319
NTDB id 120 BSU 10620 NP 388943.2            PSYERPHELELFRMTGKTYYRLHQKAKELNLDITYKELSGTERHTKTPELAHLEAQYEARPAIPYAEKQEALTVMQAAN  319
consensus                                    **   ***!!*!!  !  !! !**! !*!  **!   *   ** **! !!!!!!*!!!!!  *!*  *  *!*  !!!

logo
NTDB id 346221 EXW28 RS05650 WP 215552770.1  LRAEVEGVAREIRRLVADEDYRYRDIAVLLRNGESYYDVMRTLFTDYNIPHFIDEKRPMSHHPLVECIRSALEIISGNWR  399
NTDB id 120 BSU 10620 NP 388943.2            RRAELEGIAREIHALVREKGYRYKDVAILARQPEDYKDMVKEVFADYEIPYFIDGKASMLNHPLIEFIRSSLDVLKGNWR  399
consensus                                     !!!*!!*!!!!* !! *  !!!*!*!*! !**! ! !*** *! !! !!*!!! ! *! *!!!*!*!!! !*** !!!!

logo
NTDB id 346221 EXW28 RS05650 WP 215552770.1  YDAVFRCVKTELLYPLDVRKEAMREEMDEFENYCLAYGVQGKRWTSEDPWMYRRYRSLDDASEMITDSEREMEERINRLR  479
NTDB id 120 BSU 10620 NP 388943.2            YEAVFRCVKTELLFPLNEPKAKVREQVDQLENYCIAYGIKGDRWTKGDRFQYRRFVSLDDDFA.QTDQEIEMENMLNDTR  478
consensus                                    !*!!!!!!!!!!!*!!   *!   *!! *!   !!!!*!!!* ! !!!   !** !!!* !!!!    * !! ! !!!   *!   !

logo
NTDB id 346221 EXW28 RS05650 WP 215552770.1  DVVRTPVIRMQKRLKRAGTVMQMCEAVYLFLEELDVPKKLEELRVRAEENGDFLFATDHEQVWEEVMNLLDTFVEMLGEE  559
NTDB id 120 BSU 10620 NP 388943.2            DWIVPPLFQLQKRMKKAKTVQEKAEALYRYLEETDVPLKLDQERQRAEDDGRIIEAQQHQQAWDAVIQLLEEFVEMMGDD  558
consensus                                    ! * *!*  *!!!*!*! !!   *!!*! *!!! !!! !!*  ! !!!* !  * !  ! ! !* !**!!* !!!!*!**
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logo
NTDB id 346221 EXW28 RS05650 WP 215552770.1  KMSLSMFTEVMSTGLEALQFANIPPSLDQVLVANIDHSRLSDIKATFIIGVNEGVIPAAPMDEGMLSDEERNVLTAAGIE   639
NTDB id 120 BSU 10620 NP 388943.2            EISLDLFQQMIEAGAESLTFSLIPPALDQVFVGNMDLSRMYGTSCTFVLGANDGVLPARPDENGVLSDDDREWLKTIGVE   638
consensus                                     *!! *!  **  ! ! ! ! !!! !!!! !*!*!*!!*    *!!**! !*!!*!! ! * !*!!!**!   !    !*!

logo
NTDB id 346221 EXW28 RS05650 WP 215552770.1  LAPTTRQTLLEEQFVMYQMVTRASEKVYISCPLADEEGKTLLASSFIKKIKRMFPDVKESFITNDVNDLSRSEQISYVAT   719
NTDB id 120 BSU 10620 NP 388943.2            LSSGGRERLLDEHFLIYMAFSSPSDRLYVSYPIADAEGKTLLPSMIVKRLEELFPHHKERLLTNEPEQVSDEEQLMYVVN   718
consensus                                    ! *  !  !!*!*!**!   * *!***!*!*!*!! !!!!!!*!  *!**  *!!**!!  *!!**  *!  !!* !!

logo
NTDB id 346221 EXW28 RS05650 WP 215552770.1  PEVTLSYVMQQLQTWKRYGFEGNLDFWWDVYNFYVTSDEWKQKSSRVLSSLFYRNRAQKLSADVSRDLYGDTIKGSVSRM   799
NTDB id 120 BSU 10620 NP 388943.2            KSVAQSFTASQLRLWTREY..DISDVWWSTYNVLMSEQD.RLQSKKLFSSLFFRNEVKQLERSVSRQLYGERIQGSVSRM   795
consensus                                    * !  !*   !!  ! !  **   ! !!  !!  **  ***  ! ** !!!!*!!    !   !!! !!!* ! !!!!!!

logo
NTDB id 346221 EXW28 RS05650 WP 215552770.1  ELFNRCAYAHFAQHGLSLRERDIFKLDAPDIGELFHAALKRIADKLLRENRTWADLSIKECEHLSALVIEEIAPLLQRQI   879
NTDB id 120 BSU 10620 NP 388943.2            ETFNACPFSHFASHGLHLKERQFFKLEAPDIGQLFHSSLKLISDRLREQKLDWRDLTKEQCELFSYDAVERLAPKLQKEI   875
consensus                                    ! !! !** !!! !!!*!*!!  !!!*!!!!! !!!  !! ! !*!      ! !!*   !!* !   *! *!! !!* !

logo
NTDB id 346221 EXW28 RS05650 WP 215552770.1  LLSSNRHFYLKQKLQQIIFRTSLILREHAKSSGFVPVDLEVPFGMGGTGSLPPMEFALPNGVKMEVVGRIDRVDKAEDES   959
NTDB id 120 BSU 10620 NP 388943.2            LLSSNRHYYVKEKLQKIVTRVSGILSEHAKASGFVPIGLEL..GFGGKGPLPPLTFQLKNGCTMELVGRIDRVDKAESSK   953
consensus                                    !!!!!!!*!*! !!! !* ! ! !! !!!! !!!!!* !!***! !! !*!!!* ! !*!!* !!*!!!!!!!!!!!

logo
NTDB id 346221 EXW28 RS05650 WP 215552770.1  GTFLRIIDYKSSSKALDLTEVYYGLALQMLTYLDVVTSNAHTWMKKGSTASPAGVLYFHIHNPIVEMKGDASEEEIEKEI  1039
NTDB id 120 BSU 10620 NP 388943.2            GLLLRIVDYKSSDKGLDLAEVYYGLALQMLTYLDLSITHSADWL..GMRATPAGVLYFHIHDPMIQSNLPLGLDEIEQEI  1031
consensus                                    !   !!!*!!!!! !*!!! !!!!!!!!!!!!!!!*  ** * !***!  !*!!!!!!!!!! !**    *   *!!! !!

logo
NTDB id 346221 EXW28 RS05650 WP 215552770.1  LKKFKMKGLVLGDADVVRLMDNKLSTGSSDIISAGLKKDGSFSARSSIASEQEFNVLQKYVHHSFENIGKDITEGVIDIA  1119
NTDB id 120 BSU 10620 NP 388943.2            FKKFKMKGLLLGDQEVVRLMDTTLQEGRSNIINAGLKKDGSLRSDSAAVGEKEFDLLTKHVRRTFQEAGEQITDGRVSIE  1111
consensus                                     !!!!!!!!!*!!! *!!!!!!  !  ! ! !! !!!!!!!!   !   ! !! *! !*!***!   !  !!*! * !
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logo

NTDB id 346221 EXW28 RS05650 WP 215552770.1  PYKKGNKAACTFCNFKSVCQFDESLEDNQFRTLKDMKDSEAMEKIREEVGGE...  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