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logo
NTDB id 223047 A6J74 RS11205 WP 000058641.1  MSLRLVIGRAGSGKSTLCLREVQEALKQRPRGKTILYLVPEQMTFQTQQALIESEDVRGSIRAQVFSFSRLAWKVLQEVG   80
NTDB id 120 BSU 10620 NP 388943.2            MGAEFLVGRSGSGKTKLIINSIQDELRRAPFGKPIIFLVPDQMTFLMEYELAKTPDMGGMIRAQVFSFSRLAWRVLQHTG   80
consensus                                    !    **!! !!!!* !**  *!* !*  ! !!*!**!!!*!!!!     !  **!* ! !!!!!!!!!!!!!*!!!* !

logo
NTDB id 223047 A6J74 RS11205 WP 000058641.1  GASRLHIDEAGVHMLLRKIVESRKDGLSVRQKAAEQNGFFEHLGSMIAEFKRYNVTPSNVYEMWQQLDAHSSSAEQKLLA  160
NTDB id 120 BSU 10620 NP 388943.2            GMSRPFLTSTGVQMLLRKLIEEHKQEFKVYQKASDKSGFTAQVERMLTEFKRYCLEPEDIRRMAESGTA.SEYRGERVLS  159
consensus                                    ! !!***   !!*!!!!!**! *!    !*!!! *  !!  **  !* !!!!!** !  *  !      !*!     **!

logo
NTDB id 223047 A6J74 RS11205 WP 000058641.1  NKVYDLQLLYDDFERALIGKYLDSEDYLQLLVEKLPQSEYVNGAEIYIDGFHSFSPQELEIVRQLMICGARVTITLTIDE  240
NTDB id 120 BSU 10620 NP 388943.2            EKLHDLSILYQQMEKSLADQYLHSEDYLTLLAEHIPLAEDIKGAHIYVDGFYQFTPQEFRVLEQLMVHAEHITFSLTADK  239
consensus                                     !**!! *!!   !* !   !!*!!!!! !! !**!  ! * !!*!!*!!!* !*!!!  ** !!!* * **! *!! !

logo
NTDB id 223047 A6J74 RS11205 WP 000058641.1  KTLAQPVNELDLFYETTLTYEKIKQVAREEKIEIEKTIPLMEQPRFHSPALAHLETHYEARPNEKYYDEA.SVTISTAAN  319
NTDB id 120 BSU 10620 NP 388943.2            PSYERPEPHELELFRMTGKTYYRLHQKAKELNLDITYKELSGTERHTKTPELAHLEAQYEARPAIPYAEKQEALTVMQAAN  319
consensus                                    **   ***!!*!!  !  !! ***! !*!  **!    *    ** **! !!!!! *!!!!!  *! *  * *!*  !!!

logo
NTDB id 223047 A6J74 RS11205 WP 000058641.1  LRAEVEGVAREIRRLVADETYRYRDIAVLLRNGESYYDVMQTLFTDYNIPHFIDEKRPMSHHPLVECIRSALEIISGNWR  399
NTDB id 120 BSU 10620 NP 388943.2            RRAELEGIAREIHALVREKGYRYKDVAILARQPEDYKDMVKEVFADYEIPYFIDGKASMLNHPLIEFIRSSLDVLKGNWR  399
consensus                                     !!!*!!*!!!!* !! *  !!!*!*!*! !**! ! !**  *! !! !!*!!! ! *! *!!!*!*!!! !*** !!!!

logo
NTDB id 223047 A6J74 RS11205 WP 000058641.1  YDAVFRCVKTELLYPLDVRKEMMREEMDEFENYCLAYGVQGKRWTSEDPWMYRRYRSLDDTNGMITDIEREMEEKINRLR  479
NTDB id 120 BSU 10620 NP 388943.2            YEAVFRCVKTELLFPLNEPKAKVREQVDQLENYCIAYGIKGDRWTKGDRFQYRRFVSLDDDFA.QTDQEIEMENMLNDTR  478
consensus                                    !*!!!!!!!!!!!*!!   *!  *!! *!  !!!!*!!!* ! !!!  !** !!!* !!!!  ** !! ! !!!   *!  !

logo
NTDB id 223047 A6J74 RS11205 WP 000058641.1  DVVRTPVIRMQKRLKRAGTVMQMCEAVYLFLEELDVPKKLEELRIRAEESGDFLFATDHEQVWEEVMSLLDTFVEMLGEE  559
NTDB id 120 BSU 10620 NP 388943.2            DWIVPPLFQLQKRMKKAKTVQEKAEALYRYLEETDVPLKLDQERQRAEDDGRIIEAQQHQQAWDAVIQLLEEFVEMMGDD  558
consensus                                    ! * *!*  *!!!*!*! !!   *!!*! *!!! !!! !!*  ! !!!* !  * !  ! ! !* !* !!* !!!!*!**
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logo

NTDB id 223047 A6J74 RS11205 WP 000058641.1  KMSLSMFTDVMSTGLEALQFANIPPSLDQVLVANIDHSRLSDVKATFIIGVNEGVIPAAPMDEGMLSDEEREVLGAAGIE   639
NTDB id 120 BSU 10620 NP 388943.2            EISLDLFQQMIEAGAESLTFSLIPPALDQVFVGNMDLSRMYGTSCTFVLGANDGVLPARPDENGVLSDDDREWLKTIGVE   638
consensus                                     *!! *!  **  ! ! ! !  !!! !!!! !*!*!*!!*    *!!**! !*!!*!! ! * !*!!!**!! !    !*!

logo

NTDB id 223047 A6J74 RS11205 WP 000058641.1  LAPTTRQTLLEEQFVMYQMVTRASEKLYISCPLADEEGKTLLASSFIKKIKRMFPNVKDSFITNDVNDLSRSEQISYVAT   719
NTDB id 120 BSU 10620 NP 388943.2            LSSGGRERLLDEHFLIYMAFSSPSDRLYVSYPIADAEGKTLLPSMIVKRLEELFPHHKERLLTNEPEQVSDEEQLMYVVN   718
consensus                                    ! *  !  !!*!*!**!   * *!**!!*!*!!  !!!!!!*!  *!**  *!!**!*  *!!**  *!  !!* !!

logo

NTDB id 223047 A6J74 RS11205 WP 000058641.1  PEVTLSYVMQQLQTWKRYGFEGNLDFWWDVYNFYVTSDEWKQKSSRVLSSLFYRNRAQKLSTVVSRDLYGDKIKGSVSRM   799
NTDB id 120 BSU 10620 NP 388943.2            KSVAQSFTASQLRLWTREY..DISDVWWSTYNVLMSEQD.RLQSKKLFSSLFFRNEVKQLERSVSRQLYGERIQGSVSRM   795
consensus                                    * !  !*   !!  ! !  **   ! !!  !!  **  ***  ! ** !!!!*!!    !   !!! !!!**! !!!!!!

logo

NTDB id 223047 A6J74 RS11205 WP 000058641.1  ELFNRCAYAHFAQHGLSLRERDIFKLDAPDIGELFHAALKRIADRLLRENRTWADLSIKECEHLSVLVIEEIAPLLQRQI   879
NTDB id 120 BSU 10620 NP 388943.2            ETFNACPFSHFASHGLHLKERQFFKLEAPDIGQLFHSSLKLISDRLREQKLDWRDLTKEQCELFSYDAVERLAPKLQKEI   875
consensus                                    ! !!  !** !!!  !!!*!*!!  !!!*!!!!! !!!  !! ! !!!      ! !!*   !!* !   *! *!! !!* !

logo

NTDB id 223047 A6J74 RS11205 WP 000058641.1  LLSSNRHFYLKQKLQQIIFRTSIILREHAKSSGFVPVDLEVPFGMGGTGSLPPMEFSLPNGVKMEVIGRIDRVDKAEDEN   959
NTDB id 120 BSU 10620 NP 388943.2            LLSSNRHYYVKEKLQKIVTRVSGILSEHAKASGFVPIGLEL..GFGGKGPLPPLTFQLKNGCTMELVGRIDRVDKAESSK   953
consensus                                    !!!!!!!*!*! !!! !* ! ! !! !!!! !!!!!* !!***! !! !*!!!* ! !*!!* !!**!!!!!!!!!!

logo

NTDB id 223047 A6J74 RS11205 WP 000058641.1  GTFLRIIDYKSSSKALDLTEVYYGLALQMLTYLDVVTTNAQTWMKKGHAASPAGVLYFHIHNPIVEMKGDASEAEIEKEI   1039
NTDB id 120 BSU 10620 NP 388943.2            GLLLRIVDYKSSDKGLDLAEVYYGLALQMLTYLDLSITHSADWL..GMRATPAGVLYFHIHDPMIQSNLPLGLDEIEQEI   1031
consensus                                    !   !!!*!!!!! !*!!! !!!!!!!!!!!!!!*  !*   !***!* !*!!!!!!!!!! !**    *    !!! !!

logo

NTDB id 223047 A6J74 RS11205 WP 000058641.1  LKKFKMKGLVLGDADVVRLMDNKLSTGSSDIISAGLKKDGSFSARSSIASEQEFNVLQKYVHHTFENIGKDITEGVIDIA   1119
NTDB id 120 BSU 10620 NP 388943.2            FKKFKMKGLLLGDQEVVRLMDTTLQEGRSNIINAGLKKDGSLRSDSAAVGEKEFDLLTKHVRRTFQEAGEQITDGRVSIE   1111
consensus                                     !!!!!!!!*!!! *!!!!!!  !  ! ! !! !!!!!!!!   !   ! !! *! !*!**!!   !  !!*! * !
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logo

NTDB id 223047 A6J74 RS11205 WP 000058641.1  PYKKGNKAACTFCNFKSVCQFDESLEDNQFRTLKDMKDSEAMEKIREEVDGE...  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