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logo

NTDB id 1083348 ACLINZ RS05760 WP 000058572.1  MSLRFVIGRAGSGKSTLCLHEVQEELKQRPRGETILYLVPEQMTFQTQQALIGSEDVRGSIRAQVFSFSRLAWKVLQEVG   80
NTDB id 120 BSU 10620 NP 388943.2              MGAEFLVGRSGSGKTKLIINSIQDELRRAPFGKPIIFLVPDQMTFLMEYELAKTPDMGGMIRAQVFSFSRLAWRVLQHTG   80
consensus                                      !    !**!! !!!!* !*** *!*!!*  ! ! *!**!!!*!!!!     !  **!* ! !!!!!!!!!!!!!*!!!* !

logo

NTDB id 1083348 ACLINZ RS05760 WP 000058572.1  GASRLHIDEAGVYMLLRKIVESRKDGLSVRQKAAEQNGFFEHLGSMIAEFKRYNVTPSNVYEMWQQLDAHSSSAEQKLLA  160
NTDB id 120 BSU 10620 NP 388943.2              GMSRPFLTSTGVQMLLRKLIEEHKQEFKVYQKASDKSGFTAQVERMLTEFKRYCLEPEDIRRMAESGTA.SEYRGERVLS  159
consensus                                      ! !!***   !! !!!!!**! *!    !*!!! *  !!  **  !* !!!!!** !  *  !     !*!     **!

logo

NTDB id 1083348 ACLINZ RS05760 WP 000058572.1  NKVYDLQLLYDDFERALIGKYLDSEDYLQLLVEKLPQSEYVKGAEVYIDGFHSFSPQELEIVRQLMICGARVTITLTIDE  240
NTDB id 120 BSU 10620 NP 388943.2              EKLHDLSILYQQMEKSLADQYLHSEDYLTLLAEHIPLAEDIKGAHIYVDGFYQFTPQEFRVLEQLMVHAEHITFSLTADK  239
consensus                                       !**!! *!!   !* !   !!*!!!!! !! !**!  ! *!!!**!*!!!* !*!!!  ** !!!* * **! *!! !

logo

NTDB id 1083348 ACLINZ RS05760 WP 000058572.1  KTLAQPVNELDLFYETTLTYEKIKQVAREEKIEIEKTIPLMEQPRFHSPALAHLEMHYEARPNEKFHGE.ASVTIHTAAN  319
NTDB id 120 BSU 10620 NP 388943.2              PSYEREPHELELFRMTGKTYYRLHQKAKELNLDITYKELSGTERHTKTPELAHLEAQYEARPAIPYAEKQEALTVMQAAN  319
consensus                                      **   ***!!*!!  !  !! ***! !*!  **!   *   ** **! !!!!! *!!!!!  ***  *  *!** !!!

logo

NTDB id 1083348 ACLINZ RS05760 WP 000058572.1  LRAEVEGVAREIRRLVAEENYRYRDIAVLLRNGESYYDVMRTLFTDYNIPHFIDEKRPMSHHPLVECIRSALEIISGNWR  399
NTDB id 120 BSU 10620 NP 388943.2              RRAELEGIAREIHALVREKGYRYKDVAILARQPEDYKDMVKEVFADYEIPYFIDGKASMLNHPLIEFIRSSLDVLKGNWR  399
consensus                                       !!!*!!*!!!!* !! !  !!!*!*!*! !**! ! !*** *! !! !!*!!! ! *! *!!!*!*!!! !*** !!!!

logo

NTDB id 1083348 ACLINZ RS05760 WP 000058572.1  YDAVFRCVKTELLYPLDVRKETMREEMDEFENYCLAYGVQGKRWTSEDPWMYRRYRSLDDTNGMITDSEREMEEKINRLR  479
NTDB id 120 BSU 10620 NP 388943.2              YEAVFRCVKTELLFPLNEPKAKVREQVDQLENYCIAYGIKGDRWTKGDRFQYRRFVSLDDDFA.QTDQEIEMENMLNDTR  478
consensus                                      !*!!!!!!!!!!!*!!   *!   *!! *!   !!!!*!!!* ! !!!   !** !!!* !!!!   ** !! ! !!!   *!   !

logo

NTDB id 1083348 ACLINZ RS05760 WP 000058572.1  DVVRTPVIRMQKRLKRAGTVMQMCEAVYLFLEELDVPKKLEALRIRAEESGDFLFATDHEQVWEEVMSLLDTFVEMLGEE  559
NTDB id 120 BSU 10620 NP 388943.2              DWIVPPLFQLQKRMKKAKTVQEKAEALYRYLEETDVPLKLDQERQRAEDDGRIIEAQQHQQAWDAVIQLLEEFVEMMGDD  558
consensus                                      ! * *!*  *!!!*!*! !!   *!!*! *!!! !!! !!*  ! !!!* !  * !  ! ! !* !* !!* !!!!*!**
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logo
NTDB id 1083348 ACLINZ RS05760 WP 000058572.1  KMSLSMFTDVMSTGLEALQFANIPPSLDQVLIANIDRSRLSNVKATFVIGVNEGVIPAAPMDEGMLSDEERDVLSAAGIE   639
NTDB id 120 BSU 10620 NP 388943.2              EISLDLFQQMIEAGAESLTFSLIPPALDQVFVGNMDLSRMYGTSCTFVLGANDGVLPARPDENGVLSDDDREWLKTIGVE   638
consensus                                       *!! *!  **  ! ! ! ! !!! !!!! **!*! !!*    *!!!*! !*!!*!! ! * !*!!!**!* !   !*!

logo
NTDB id 1083348 ACLINZ RS05760 WP 000058572.1  LAPTTRQTLLEEQFVMYQMVTRATEKLYISCPLADEEGKTLLASSFIKKIKRMFPDVKDTFITNDVNDLSRSEQISYVAT   719
NTDB id 120 BSU 10620 NP 388943.2              LSSGGRERLLDEHFLIYMAFSSPSDRLYVSYPIADAEGKTLLPSMIVKRLEELFPHHKERLLTNEPEQVSDEEQLMYVVN   718
consensus                                       ! *  !  !!*!*!**!   * ****!!*!*!*!! !!!!!!*!  *!**  *!!**!*  *!!**  *!  !!* !!

logo
NTDB id 1083348 ACLINZ RS05760 WP 000058572.1  PEVTLSYVMQQLQTWKRYGFEGNLDFWWDVYNFYVTSDEWKQKSSRVLSSLFYRNRAQKLSTAVSRDLYGDKIKGSVSRM   799
NTDB id 120 BSU 10620 NP 388943.2              KSVAQSFTASQLRLWTREY..DISDVWWSTYNVLMSEQD.RLQSKKLFSSLFFRNEVKQLERSVSRQLYGERIQGSVSRM   795
consensus                                       *  !   !*   !!  ! !  **   ! !!  !!  **  ***  ! ** !!!!*!!    !   !!! !!!**! !!!!!!

logo
NTDB id 1083348 ACLINZ RS05760 WP 000058572.1  ELFNRCAYAHFAQHGLSLRERDIFKLDAPDIGELFHAALKRIADRLLRENRTWADLSIKECEHLSTVVIEEIAPLLQRQI   879
NTDB id 120 BSU 10620 NP 388943.2              ETFNACPFSHFASHGLHLKERQFFKLEAPDIGQLFHSSLKLISDRLREQKLDWRDLTKEQCELFSYDAVERLAPKLQKEI   875
consensus                                       ! !! !** !!! !!!*!*!!  !!!*!!!!! !!!  !! ! !!!      ! !!*   !!* !   *! *!! !!* !

logo
NTDB id 1083348 ACLINZ RS05760 WP 000058572.1  LLSSNRHFYLKQKLQQIIFRTSIILREHAKSSGFVPVDLEVPFGMGGTGSLPPMEFSLPNGVKMEVVGRIDRVDKAEDEN   959
NTDB id 120 BSU 10620 NP 388943.2              LLSSNRHYYVKEKLQKIVTRVSGILSEHAKASGFVPIGLEL..GFGGKGPLPPLTFQLKNGCTMELVGRIDRVDKAESSK   953
consensus                                       !!!!!!!*!*! !!! !* ! ! !! !!!! !!!!!* !!***! !! !*!!!* ! !*!!* !!*!!!!!!!!!!!

logo
NTDB id 1083348 ACLINZ RS05760 WP 000058572.1  GTFLRIIDYKSSSKSLDLTEVYYGLALQMLTYLDVVTSNAQTWMKKGHAASPAGVLYFHIHNPIVEVKGDASEAEIEKEI  1039
NTDB id 120 BSU 10620 NP 388943.2              GLLLRIVDYKSSDKGLDLAEVYYGLALQMLTYLDLSITHSADWL..GMRATPAGVLYFHIHDPMIQSNLPLGLDEIEQEI  1031
consensus                                       !   !!!*!!!!! ! !!! !!!!!!!!!!!!!!!*  **   !***!* !*!!!!!!!!!! !**    *    !!! !!

logo
NTDB id 1083348 ACLINZ RS05760 WP 000058572.1  LKKFKMKGLVLGDADVVRLMDNKLSTGSSDIISAGLKKDGSFSARSSIASEQEFNVLQKYVHHTFKNIGKDITEGVIDIA  1119
NTDB id 120 BSU 10620 NP 388943.2              FKKFKMKGLLLGDQEVVRLMDTTLQEGRSNIINAGLKKDGSLRSDSAAVGEKEFDLLTKHVRRTFQEAGEQITDGRVSIE  1111
consensus                                       !!!!!!!!*!!! *!!!!!!  !  ! ! !! !!!!!!!!    !    ! !! *! !*!**!!   !  !!*! * !
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logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1083348 ACLINZ RS05760 WP 000058572.1  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