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logo
NTDB id 369263 FJM75 RS21630 WP 166001368.1  MTVKFVIGRSGSGKSNHCLTEMQNELTDRPIGQDMIYLVPEQMTFQSEYELVHNRGLKGMIRAQVFSFTRLAWKVLQETG   80
NTDB id 120 BSU 10620 NP 388943.2            MGAEFLVGRSGSGKTKLIINSIQDELRRAPFGKPIIFLVPDQMTFLMEYELAKTPDMGGMIRAQVFSFSRLAWRVLQHTG   80
consensus                                    !   !**!!!!!!!* ***  *! !!   ! ! **!*!!!*!!!!  !!!! * * * !!!!!!!!!!*!!!!*!!!*!!

logo

NTDB id 369263 FJM75 RS21630 WP 166001368.1  GMARPHLSSVGTSMMLRQIIEENKQQLRIYQRSSEKTGYVEQLNDMVTEFKRYCLEPDDIKSFAEDFYVED..ERNLLRD  158
NTDB id 120 BSU 10620 NP 388943.2            GMSRPFLTSTGVQMLLRKLIEEHKQEFKVYQKASDKSGFTAQVERMLTEFKRYCLEPEDIRRMAESGTASEYRGERVLSE  160
consensus                                    !! !!*!*! !  !*!! *!!!*!!  **!!* !*!*!*  !*  !*!!!!!!!!!!*!!*  !!     ***   *! *

logo

NTDB id 369263 FJM75 RS21630 WP 166001368.1  KLYDLHIVYEAFQKKMIGHYLDSEDYLALLAEKIEESDYLANATIWIDGFHSFTPQELLVIQSLMKKGTTLTFTITMDSE  238
NTDB id 120 BSU 10620 NP 388943.2            KLHDLSILYQQMEKSLADQYLHSEDYLTLLAEHIPLAEDIKGAHIYVDGFYQFTPQEFRVLEQLMVHAEHITFSLTADKP  240
consensus                                    !!*!!*!*!    ! *  *!!*!!!!! !!!!*!*  * *  !*!**!!!* !!!!!  !*  !! ** **!!**! ! *

logo

NTDB id 369263 FJM75 RS21630 WP 166001368.1  MIPSSIHELDLFHEPGKTYQILQGLANEEGVEIEEPLILRTQKRYQNSEISHLEANYGERPPVVYRGELQHIQVHHAVNI  318
NTDB id 120 BSU 10620 NP 388943.2            SYEREPHELELFRMTGKTYYRLHQKAKELNLDITYKELSGTERHTKTPELAHLEAQYEARPAIPYAEKQEALTVMQAANR  320
consensus                                      *  *!!!*!!* *!!!!  !*  ! !  **!  * *  ! **   *!* !!!!*!  !!***!     **  !**! !

logo

NTDB id 369263 FJM75 RS21630 WP 166001368.1  RSEVEAVAREALRLVRDEGYRYRDISIMVRNMSTYYELVETIFEDHGIPIFSDQKRTMLHHPIIELIRSSLDIIQYNWRY  398
NTDB id 120 BSU 10620 NP 388943.2            RAELEGIAREIHALVREKGYRYKDVAILARQPEDYKDMVKEVFADYEIPYFIDGKASMLNHPLIEFIRSSLDVLKGNWRY  400
consensus                                    ! !*!**!!! * !!!* !!!!*!* !* !**  ! **!  *! !* !! ! ! ! *!!*!!*!! !!!!!!**  !!!!

logo

NTDB id 369263 FJM75 RS21630 WP 166001368.1  ESVFRCVKTELLFPDDTGESIETIRERMDELENYVIAKGIKGYRWKTGERFKANIYRQLEDKEVITSDELEKMEDRLNET  478
NTDB id 120 BSU 10620 NP 388943.2            EAVFRCVKTELLFPLNE..PKAKVREQVDQLENYCIAYGIKGDRWTKGDRFQYRRFVSLDDDFAQ.TDQEIEMENMLNDT  477
consensus                                    ! !!!!!!!!!!!!    ***   *!! *! !!!!*!! !!!! !!  !*!!    *  !*!    **!    !!  !!*!

logo

NTDB id 369263 FJM75 RS21630 WP 166001368.1  KDWIATPLEKFERHMTKAKTVEEMCEILYYLLENCHAAEKIDRLKEQAEKAGHLAKAREHDQVWDAVISLLDETVELIGD  558
NTDB id 120 BSU 10620 NP 388943.2            RDWIVPPLFQLQKRMKKAKTVQEKAEALYRYLEETDVPLKLDQERQRAEDDGRIIEAQQHQQAWDAVIQLLEEFVEMMGD  557
consensus                                    *!!! *!!    **! !!!!! ! *! !!  !! ** * !*!  *  !!  !**  !  ! ! !!!!! !!*! !!**!!
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logo
NTDB id 369263 FJM75 RS21630 WP 166001368.1  QKLSVEQFTKLLEAGMENMKFALVPASLDQVVIGSIDRTRFTDVKCGFLLGVNEGVLPARIQEDGLLSEQDREKLEEQGI   638
NTDB id 120 BSU 10620 NP 388943.2            DEISLDLFQQMIEAGAESLTFSLIPPALDQVFVGNMDLSRMYGTSCTFVLGANDGVLPARPDENGVLSDDDREWLKTIGV   637
consensus                                      *!** !  **!!! ! * ! !*!* !!!! *! *! *!     ! !*!! !*!!!!!* ! !*!!* !!! !    !*

logo
NTDB id 369263 FJM75 RS21630 WP 166001368.1  QLAPGLKRRLLDEEFLIYHSLATPSDSLWVSCPLADEEGKGLQTSIVMNRLKEMFPDLKMGLKFAEPGEEAT.EELSFIT   717
NTDB id 120 BSU 10620 NP 388943.2            ELSSGGRERLLDEHFLIYMAFSSPSDRLYVSYPIADAEGKTLLPSMIVKRLEELFPHHKERLLTNEPEQVSDEEQLMYVV   717
consensus                                     ! *! * !!!!!*!!!!*   *!!! !*!!*!*!! !!! ! *!*** !! !*!!**!  !   !!     *! ! **

logo
NTDB id 369263 FJM75 RS21630 WP 166001368.1  NPSKTIGRLTGQLRQWHRGYPIDPIWWDAYNWFISAPTEKDRVRLLDSLFYRNKAERLTESTSRKLYGHQIQTSVSRMER   797
NTDB id 120 BSU 10620 NP 388943.2            NKSVAQSFTASQLRLWTREYDISDVWWSTYNVLMSEQDRLQSKKLFSSLFFRNEVKQLERSVSRQLYGERIQGSVSRMET   797
consensus                                    !*!        !!! !*! !*! **!!  !!  *! *      *!  !!!*!!    !  ! !! !!!* !! !!!!!!

logo
NTDB id 369263 FJM75 RS21630 WP 166001368.1  YKSCAFSQFASHGLRLKERATFKLEAPDIGQLFHAALNMMAETIKQRHWDWAKLSSNQYYELSGQIVEQLAPKLQNEILL   877
NTDB id 120 BSU 10620 NP 388943.2            FNACPFSHFASHGLHLKERQFFKLEAPDIGQLFHSSLKLISDRLREQKLDWRDLTKEQCELFSYDAVERLAPKLQKEILL   877
consensus                                    *  !*!!*!!!!!!*!!!!  !!!!!!!!!!!!!  ! ** * **  * !!  !*  !*   !   !! !!!!!! !!!!

logo
NTDB id 369263 FJM75 RS21630 WP 166001368.1  SSNRYHYIMRKLTQVVGRASSVLGQQAKKSGFQPAGLELGFGPNQELPPIEFTLKNGVKIQLIGRVDRVDQALSGEELLL   957
NTDB id 120 BSU 10620 NP 388943.2            SSNRHYYVKEKLQKIVTRVSGILSEHAKASGFVPIGLELGFGGKGPLPPLTFQLKNGCTMELVGRIDRVDKAESSKGLLL   957
consensus                                    !!!!**!*  !!  *! ! ! *!  *!! !!! ! !!!!!!!*  *!!!* ! !!!!* * !*!!*!!!! ! !   !!!

logo
NTDB id 369263 FJM75 RS21630 WP 166001368.1  RIIDYKSSGTSLDLSEVYFGLALQMLTYLDVVISNANVWLGREATAAGMLYFHVHNPMLQTSAP.GQAAIQQELFRKFKM  1036
NTDB id 120 BSU 10620 NP 388943.2            RIVDYKSSDKGLDLAEVYYGLALQMLTYLDLSITHSADWLGMRATPAGVLYFHIHDPMIQSNLPLGLDEIEQEIFKKFKM  1037
consensus                                    !!*!!!!!   !!! !!!*!!!!!!!!!!!* !**   !!!  !!*!!*!!!!*! !!*!*  !*!   ! !!*!*!!!!

logo
NTDB id 369263 FJM75 RS21630 WP 166001368.1  KGLLLADKDVVSLMDNDIETKKSDIIPAALKKDGSFYKNSSVLSSDDFHALRSYTRKTIQSIGTEISDGRIEIDPYKMKD  1116
NTDB id 120 BSU 10620 NP 388943.2            KGLLLGDQEVVRLMDTTLQEGRSNIINAGLKKDGSLRSDSAAVGEKEFDLLTKHVRRTFQEAGEQITDGRVSIEPYKMKN  1117
consensus                                    !!!!!*! *!! !!!  *   *! !!*!*!!!!!!    !  *   *!* !  * !*! !  !  !*!!!* !*!!!!!
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logo

NTDB id 369263 FJM75 RS21630 WP 166001368.1  RIPCTFCSYRSFCQFDQAMEDNAYRPITAQDDETILKRMREEADDDN..  1163
NTDB id 120 BSU 10620 NP 388943.2            KTPCTYCAFKSVCQFDESLEENEYRPLKAEKDKTILEWIKKEADGNEHS  1166
consensus                                    * !!!*! **! !!!!  *!*! !!!* !  ! !!!  ** !!!   **
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X non conserved

X similar

X $\geq$ 50% conserved