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logo

NTDB id 1079954 ACKWCM RS05365 WP 197172759.1  MQIPKPNNSTWTDDQWEAIVSEGQDILVAAAAGSGKTAVLVERLIRKMTRPEDPVDVDRLLVVTFTNASAAEMKHRITEA   80
NTDB id 119 BSU 10630 NP 388944.2              MNIPKPADSTWTDDQWNAIVSTGQDILVAAAAGSGKTAVLVERMIRKITAEENPIDVDRLLVVTFTNASAAEMKHRIAEA   80
consensus                                      !*!!!!  !!!!!!!! !!!! !!!!!!!!!!!!!!!!!!!!*!!!*! *! !*!!!!!!!!!!!!!!!!!!!!!! !!

logo

NTDB id 1079954 ACKWCM RS05365 WP 197172759.1  LEKELAQNPGSLHMRRQLSLMNRANISTLHSFCLQVLRTFYYEIDLDPGFRLADQTEGELLGDEVLDELFEDEYKAGKPA  160
NTDB id 119 BSU 10630 NP 388944.2              LEKELVQRPGSLHIRRQLSLLNRASISTLHSFCLQVLKKYYYLIDLDPGFRIADQTEGELIGDEVLDELFEDEYAKGEKA  160
consensus                                      !!!!! ! !!!!!*!!!!!!*!!! !!!!!!!!!!!!* *!! !!!!!!!!*!!!!!!!!*!!!!!!!!!!!!!  ! *!

logo

NTDB id 1079954 ACKWCM RS05365 WP 197172759.1  FFELVDRYTSDRHDLDLQWLVKRIYEFSRSHPSPEQWMRAFLSLYDVDAQTKVEQLPFYPYIKEDLSLVFRSCLELLERA  240
NTDB id 119 BSU 10630 NP 388944.2              FFELVDRYTTDRHDLDLQFLVKQVYEYSRSHPNPEAWLESFVHLYDVSEKSAIEELPFYQYVKEDIAMVLNGAKEKLLRA  240
consensus                                      !!!!!!!!!*!!!!!!!!*!!! *!!*!!!!! !! !*  !**!!!!   * *! !!!!*!*!!!* *!   * ! ! !!

logo

NTDB id 1079954 ACKWCM RS05365 WP 197172759.1  LALSKEPGGPAPRAENFIDDLEQVNELIRHQDDFEKLYELLPNINFKRLKTCKGDEYDPVLLEKATDARNQAKKQLEKLK  320
NTDB id 119 BSU 10630 NP 388944.2              LELTKAPGGPAPRADNFLDDLAQIDELIQHQDDFSELYKRVPAVSFKRAKAVKGDEFDPALLDEATDLRNGAKKLLEKLK  320
consensus                                      ! !*! !!!!!!!!*!!*!!! !* !!! !!!!!  !!  *! * !!! ! *!!!!*!! !!* !!! !! !!! !!!!!

logo

NTDB id 1079954 ACKWCM RS05365 WP 197172759.1  DEYFMRSPAQHLKSLAEMKPVVETLVELVIQFGQRFERAKQEKSIVDFSDLEHYCLRILAEQDAEGNLIETEAAKYYQQQ  400
NTDB id 119 BSU 10630 NP 388944.2              TDYFTRSPEQHLKSLAEMKPVIETLVQLVISYGKRFEAAKQEKSIIDFSDLEHYCLAILTAENDKGEREPSEAARFYQEQ  400
consensus                                       *!! !!! !!!!!!!!!!!!*!!!! !!! *! !!! !!!!!!!*!!!!!!!!!! !!       !    **!!!**!! !

logo

NTDB id 1079954 ACKWCM RS05365 WP 197172759.1  FEEVLVDEYQDTNLVQETILKLVSKGEHAAEGNLFMVGDVKQSIYRFRLAEPMLFLNKYKQFTPDGKETGKRIDLNKNFR  480
NTDB id 119 BSU 10630 NP 388944.2              FHEVLVDEYQDTNLVQESILQLVTSGPE.ETGNLFMVGDVKQSIYRFRLAEPLLFLSKYKRFTESGEGTGRKIDLNKNFR  479
consensus                                      !*!!!!!!!!!!!!!!!!*!! !!* !***  !!!!!!!!!!!!!!!!!!!!!!*!!! !!! !!* !  !!**!!!!!!!!

logo

NTDB id 1079954 ACKWCM RS05365 WP 197172759.1  SRSDVLDSTNFLFKQLMGETVGEIEYDEQAELKLGASYPESEDTTTEMLLVHLDQQEAETDEEREELETVQLEARVIAKK  560
NTDB id 119 BSU 10630 NP 388944.2              SRADILDSTNFLFKQLMGGKIGEVDYDEQAELKLGAAYPDNDETETELLLIDNA.EDTDASEEAEELETVQFEAKAIAKE  558
consensus                                      !! !*!!!!!!!!!!!!!!  *!!**!!!!!!!!!!! !!* **! !!*!!**  * * *  !! !!!!!!! !!* !!!
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logo
NTDB id 1079954 ACKWCM RS05365 WP 197172759.1  IRQLVEQPFQVYDSKQQMTRNLQYRDIVILLRSMPWAPQMMEELKKQGIPVYANLSSGYFEATEVSVILSLLKVIDNPYQ   640
NTDB id 119 BSU 10630 NP 388944.2              IRKLISSPFKVYDGKKKTHRNIQYRDIVILLRSMPWAPQIMEELRAQGIPVYANLTSGYFEAVEVAVALSVLKVIDNPYQ   638
consensus                                      !! !*  !! !!! !   *!!*!!!!!!!!!!!!!!!!*!!!!* !!!!!!!!!*!!!!!! !! ! !!*!!!!!!!!!

logo
NTDB id 1079954 ACKWCM RS05365 WP 197172759.1  DIPLAAVLRSPIVHLDENEMALIRTSDKKGTYYDAVKAFMSVTHSDHPTCKKLERFFRLLRKWRDFSMNHSVAELIWEVY   720
NTDB id 119 BSU 10630 NP 388944.2              DIPLASVLRSPIVGADENELSLIRLENKKAPYYEAMKDYLAAGDRSDELYQKLNTFYGHLQKWRAFSKNHSVSELIWEVY   718
consensus                                      !!!!! !!!!!!!* !!!!* !!!   !!**!!*!*! **   *  ** * !!  !* *! !!! !! !!!! !!!!!!!

logo
NTDB id 1079954 ACKWCM RS05365 WP 197172759.1  RDTQYLDYVGGMPGGKQRQANLRALYDRAKQYEKAAFRGLFRFLRFIERMQERGDDLGAAKTFSETEDVVRMMTIHSSKG   800
NTDB id 119 BSU 10630 NP 388944.2              RDTKYMDYVGGMPGGKQRQANLRVLYDRARQYESTAFRGLFRFLRFIERMQERGDDLGTARALSEQEDVVRLMTIHSSKG   798
consensus                                      !!! !*!!!!!!!!!!!!!!!!!! !!!!!*!!!  !!!!!!!!!!!!!!!!!!!!!!!! !*  !! !!!!!*!!!!!!!!

logo
NTDB id 1079954 ACKWCM RS05365 WP 197172759.1  LEFPVVFTAGLGRNFNMMDLNQSYLLDKELGFGSKYIHPELRISYATLPLVAMKKKMRKELLSEELRVLYVALTRAKEKL   880
NTDB id 119 BSU 10630 NP 388944.2              LEFPVVFVAGLGRNFNMMDLNKSYLLDKELGFGTKYIHPQLRISYPTLPLIAMKKKMRRELLSEELRVLYVALTRAKEKL   878
consensus                                      !!!!!!! !!!!!!!!!!!!!! !!!!!!!!!!!*!!!!! !!!!!*!!!!*!!!!!!!*!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 1079954 ACKWCM RS05365 WP 197172759.1  FLVGSVKNQVKALSKWQNAATGEDWLLPDFERYQSKTYLDFIGPALIRHQAMSSILEETGE.VVLSHPSAFTISFTQASD   959
NTDB id 119 BSU 10630 NP 388944.2              FLIGSCKDHQKQLAKWQASASQTDWLLPEFDRYQARTYLDFIGPALARHRDLGDLAGVPAHADISGHPARFAVQMIHSYD   958
consensus                                      !!*!!*! * ! ! !!!  !*  !!!!!*!*!!! *!!!!!!!!!! !!  *  *   **** *  !!  ! *   *  !

logo
NTDB id 1079954 ACKWCM RS05365 WP 197172759.1  LLKEDMSLEKKQQDEVVQALMDGLPVEGYGDADKKVAERLSWRYPYLATSQVGTKQSVSEIKRMKEIQDEYSVPSSLRRA  1039
NTDB id 119 BSU 10630 NP 388944.2              LLDDDLEEERMEEKSERLEAIRRGEPVPGSFAFDEKAREQLSWTYPHQEVTQIRTKQSVSEIKRKREYEDEYSGRAPVKPA  1038
consensus                                      !! *!*        ! * !*  ! !!*!    ! !  ! !!! !!*   *!* !!!!!!!!!! *!  !!!! * ****!

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NTDB id 1079954 ACKWCM RS05365 WP 197172759.1  H.ATLYDRPAFMKKKALTAAEQGTAMHTVMQHIPLSSDEPLDEIRIDQLLDSLQQRDLLTNEQVQSIDQEGISAFFSTSI  1118
NTDB id 119 BSU 10630 NP 388944.2              DGSILYRRPAFMMKKGLTAAEKGTAMHTVMQHIPLSHVPSIEEA..EQTVHRLYEKELLTEEQKDAIDIEEIVQFFHTEI  1116
consensus                                      **  !! !!!!! !!*!!!!! !!!!!!!!!!!!!!* ****! ***! ** !  **!!! !!   !! ! !  !!*! !
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logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1079954 ACKWCM RS05365 WP 197172759.1  GQKLLKADWVKREVSFSMVLPVKEVYSHIDAEGEPVLIQGMIDCLFETDGKLYLLDYKTDRVQGRYTGGLEAAVPILKKR  1198
NTDB id 119 BSU 10630 NP 388944.2              GGQLIGAKWKDREIPFSLALPAKEIYPDAHEADEPLLVQGIIDCLYETEDGLYLLDYKSDRIEGKFQHGFEGAAPILKKR  1196
consensus                                      !  !* ! !  !!**!!* !! !!*!** *   !!*!*!!*!!!!*!!*  !!!!!!!*!!* !** *! !*! !!!!!!
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logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1079954 ACKWCM RS05365 WP 197172759.1  YETQIALYAKAVERLTNRTLEEKILYFFDGNLEISL  1234
NTDB id 119 BSU 10630 NP 388944.2              YETQIQLYTKAVEQIAKTKVKGCALYFFDGGHILTL  1232
consensus                                      !!!!! !! !!!! *    *  * !!!!!! * **!
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X non conserved

X similar

X $\geq$ 50% conserved