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logo
NTDB id 973396 WF295 RS06370 WP 020450870.1  MEISKPKGSNWTDDQWKAIVSSGRDILVAAAAGSGKTAVLVERIIRKITDQEHPVDVDRLLVVTFTNASAAEMKHRIGEA   80
NTDB id 119 BSU 10630 NP 388944.2            MNIPKPADSTWTDDQWNAIVSTGQDILVAAAAGSGKTAVLVERMIRKITAEENPIDVDRLLVVTFTNASAAEMKHRIAEA   80
consensus                                    ! !*!!  ! !!!!!! !!!!*! !!!!!!!!!!!!!!!!!!*!!!!!  !*!*!!!!!!!!!!!!!!!!!!!!!!*!!

logo
NTDB id 973396 WF295 RS06370 WP 020450870.1  LEKELAENPGSLHLRRQLALLNKASISTLHSFCLQVIRKYYYLIDVDPAFRIADQTEGELLGDEVLDELFEEEYKKQDPA  160
NTDB id 119 BSU 10630 NP 388944.2            LEKELVQRPGSLHIRRQLSLLNRASISTLHSFCLQVLKKYYYLIDLDPGFRIADQTEGELIGDEVLDELFEDEYAKGEKA  160
consensus                                    !!!!!   !!!!!*!!!! !!!*!!!!!!!!!!!!!**!!!!!!!*!!*!!!!!!!!!!!*!!!!!!!!!!*!! ! **!

logo
NTDB id 973396 WF295 RS06370 WP 020450870.1  FFELVDRYTTDRHDLDLQHLVKRVYEFSRSHPDPEGWLHTFVDLYDAASDTKVEALPFYSYIKEDIALVLEGMRQKLTRA  240
NTDB id 119 BSU 10630 NP 388944.2            FFELVDRYTTDRHDLDLQFLVKQVYEYSRSHPNPEAWLESFVHLYDVSEKSAIEELPFYQYVKEDIAMVLNGAKEKLLRA  240
consensus                                    !!!!!!!!!!!!!!!!!!!*!!! !!!*!!!!! !!*!!**!!*!!!    * *! !!!! !*!!!!!*!! ! * !! !!

logo
NTDB id 973396 WF295 RS06370 WP 020450870.1  LDLTKQPRGPAPRAENFLDDLAQIDRLIQQQNDFSALYELVPAVSFQRLKPCKGDAYDPRLVDEAADLRNSAKKQLEKLK  320
NTDB id 119 BSU 10630 NP 388944.2            LELTKAPGGPAPRADNFLDDLAQIDELIQHQDDFSELYKRVPAVSFKRAKAVKGDEFDPALLDEATDLRNGAKKLLEKLK  320
consensus                                    !*!!! ! !!!!!!*!!!!!!!!!! !!!*! !!! !!  !!!!!! ! !**!!! *!! !*!!! !!!! !!! !!!!!

logo
NTDB id 973396 WF295 RS06370 WP 020450870.1  SDYFMRTPEQHLESLREMKPVIQTLVQLVLEYGKRFADAKKEKAIVDFSDLEHDCLAILSGKNQAGEAVPSEAAKFYRHQ  400
NTDB id 119 BSU 10630 NP 388944.2            TDYFTRSPEQHLKSLAEMKPVIETLVQLVISYGKRFEAAKQEKSIIDFSDLEHYCLAILTAENDKGEREPSEAARFYQEQ  400
consensus                                    *!!! !*!!!!! !! !!!!!! !!!!!!* !!!!!  !! !! !*!!!!!!! !!!!!** !  !!  !!!!!*!! *!

logo
NTDB id 973396 WF295 RS06370 WP 020450870.1  FHEVLVDEYQDTNLVQEAILKLVAK.EEHEGNLFMVGDVKQSIYRFRLAEPLLFLSKYKRFTDNGSGSGQKIDLNKNFRS  479
NTDB id 119 BSU 10630 NP 388944.2            FHEVLVDEYQDTNLVQESILQLVTSGPEETGNLFMVGDVKQSIYRFRLAEPLLFLSKYKRFTESGEGTGRKIDLNKNFRS  480
consensus                                    !!!!!!!!!!!!!!!!! !! !!   **!* !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 973396 WF295 RS06370 WP 020450870.1  RSDILDSTNFLFKQLMGEKVGEVEYDEQAELKLGASYPSNKATITELLLIENQSGA.QDEEAEELEAVQLEARAMAGQIR  558
NTDB id 119 BSU 10630 NP 388944.2            RADILDSTNFLFKQLMGGKIGEVDYDEQAELKLGAAYPDNDETETELLLIDNAEDTDASEEAEELETVQFEAKAIAKEIR  560
consensus                                    ! !!!!!!!!!!!!!!! !*!!!*!!!!!!!!!!! !! !  ! !!!!!!*!    *  !!!!!!! !! !!*!*!  !!
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logo
NTDB id 973396 WF295 RS06370 WP 020450870.1  RLITEKFQVYDAKAKASRNIQYRDIVVLLRSMPWAPQIMDEFKQQGIPVYANLSTGYFEATEVSVTLSLLKIIDNAYQDI   638
NTDB id 119 BSU 10630 NP 388944.2            KLISSPFKVYDGKKKTHRNIQYRDIVILLRSMPWAPQIMEELRAQGIPVYANLTSGYFEAVEVAVALSVLKVIDNPYQDI   640
consensus                                    *!!* *! !!!*! ! *!!!!!!!!!*!!!!!!!!!!!!*! * !!!!!!!!!**!!!!! !! ! !!*!!*!!!*!!!!

logo
NTDB id 973396 WF295 RS06370 WP 020450870.1  PLASVLRSPVVGLDENELSLIRIKDKKAPFYEAMKAYLAAADGDERLSEKLRRFDALLKKWRAYAKNHSVAELIWEIYRD   718
NTDB id 119 BSU 10630 NP 388944.2            PLASVLRSPIVGADENELSLIRLENKKAPYYEAMKDYLAAGDRSDELYQKLNTFYGHLQKWRAFSKNHSVSELIWEVYRD   720
consensus                                    !!!!!!!!!*!! !!!!!!!!!*  !!!!*!!!!! !!!!*!  * !  !!  ! **! !!!!* !!!!! !!!!!*!!!

logo
NTDB id 973396 WF295 RS06370 WP 020450870.1  TKYLDYVGGMPGGKQRQANLRALYDRARSYESTSFRGLFRFLRFIERMQERGDDLGTARALSEQEDVVRLMTIHSSKGLE   798
NTDB id 119 BSU 10630 NP 388944.2            TKYMDYVGGMPGGKQRQANLRVLYDRARQYESTAFRGLFRFLRFIERMQERGDDLGTARALSEQEDVVRLMTIHSSKGLE   800
consensus                                    !!!*!!!!!!!!!!!!!!!!! !!!!!! !! ! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 973396 WF295 RS06370 WP 020450870.1  FPVVFTAGLGRNFNMMDLNKSYLLDKELGFGTKFIHPKWRISYPTLPLIAMKKKLRRELLSEELRVLYVALTRAKEKLYL   878
NTDB id 119 BSU 10630 NP 388944.2            FPVVFVAGLGRNFNMMDLNKSYLLDKELGFGTKYIHPQLRISYPTLPLIAMKKKMRRELLSEELRVLYVALTRAKEKLFL   880
consensus                                    !!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!  !!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!*!

logo
NTDB id 973396 WF295 RS06370 WP 020450870.1  VGTAKDKEKLLADWRSQAAGSEWLLPDYERFQAKSYLDFIGPALMRHRDMDESGAPLVIDEIREHPARFQVSWLSAADLQ   958
NTDB id 119 BSU 10630 NP 388944.2            IGSCKDHQKQLAKWQASASQTDWLLPEFDRYQARTYLDFIGPALARHRDLGDLAGVPAHADISGHPARFAVQMIHSYDLL   960
consensus                                    *!**!!* ! !! !   !  **!!!!***!*!!**!!!!!!!!! !!!!* * **** * *!  !!!!! !  **  !!

logo
NTDB id 973396 WF295 RS06370 WP 020450870.1  AEDIDQAGEERHGRLSQIQMGLPIDGSFEYEQQVRERLTWSYPYKDAAKVRTKQSVSEMKRQKEY..EYGDRSLIRPTKD   1036
NTDB id 119 BSU 10630 NP 388944.2            DDDLEERMEEKSERLEAIRRGEPVPGSFAFDEKAREQLSWTYPHQEVTQIRTKQSVSEIKRKREYEDEYSGRAPVKPADG   1040
consensus                                     *!**   !!** !!  !  ! !**!!! **   !! !*!*!!* *   *!!!!!!!!*!! *!!**!!  ! ***!

logo
NTDB id 973396 WF295 RS06370 WP 020450870.1  ALLFKRPSFMMAKGLTAAERGTAMHTVMQHIPLTRALEMNELSRLLDRLVEKELLTEDQRAAIEEDDILAFFDTEIGQKL   1116
NTDB id 119 BSU 10630 NP 388944.2            SILYRRPAFMMKKGLTAAEKGTAMHTVMQHIPLSHVPSIEEAEQTVHRLYEKELLTEEQKDAIDIEEIVQFFHTEIGGQL   1120
consensus                                     *!**!! !!! !!!!!!!*!!!!!!!!!!!!!** * * !    **!! !!!!!!!*!* !!* **!* !!*!!!!  !
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logo

NTDB id 973396 WF295 RS06370 WP 020450870.1  LGARRVEREVPFNMTLSAKEVYPDLESADETVLIQGIIDCLFETEDGFYLLDYKTDRIHGKYRNGFEGAEPILRKRYETQ  1196
NTDB id 119 BSU 10630 NP 388944.2            IGAKWKDREIPFSLALPAKEIYPDAHEADEPLLVQGIIDCLYETEDGLYLLDYKSDRIEGKFQHGFEGAAPILKKRYETQ  1200
consensus                                    *!!*  *!!*!! * !*!!!*!!! * !!!**!*!!!!!!!*!!!!! !!!!!!*!!!*!!* *!!!!! !!!*!!!!!!
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logo

NTDB id 973396 WF295 RS06370 WP 020450870.1  IQLYARAVETMIKMPLKGRALYFFDGGHVLLF  1228
NTDB id 119 BSU 10630 NP 388944.2            IQLYTKAVEQIAKTKVKGCALYFFDGGHILTL  1232
consensus                                    !!!! *!!! * ! **!!*!!!!!!!!!!*!
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X non conserved

X similar

X $\geq$ 50% conserved