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logo
NTDB id 986004 MHB83 RS10205 WP 106029932.1  MQIPKPNNSTWTDDQWEAIVSEGQDILVAAAAGSGKTAVLVERLIRKMTRPEHPVDVDRLLVVTFTNASAAEMKHRITEA   80
NTDB id 119 BSU 10630 NP 388944.2            MNIPKPADSTWTDDQWNAIVSTGQDILVAAAAGSGKTAVLVERMIRKITAEENPIDVDRLLVVTFTNASAAEMKHRIAEA   80
consensus                                    !*!!!!  !!!!!!!! !!!! !!!!!!!!!!!!!!!!!!!!*!!!*! *!*!*!!!!!!!!!!!!!!!!!!!!!!! !!

logo
NTDB id 986004 MHB83 RS10205 WP 106029932.1  LEKELAKNPGSLHMRRQLSLMNRANISTLHSFCLQVLRTFYYEIDLDPGFRLADQTEGELLGDEVLDELFEDEYKAGKPS  160
NTDB id 119 BSU 10630 NP 388944.2            LEKELVQRPGSLHIRRQLSLLNRASISTLHSFCLQVLKKYYYLIDLDPGFRIADQTEGELIGDEVLDELFEDEYAKGEKA  160
consensus                                    !!!!!   !!!!!*!!!!!!*!!! !!!!!!!!!!!!* *!! !!!!!!!!*!!!!!!!!*!!!!!!!!!!!!!  ! *

logo
NTDB id 986004 MHB83 RS10205 WP 106029932.1  FFELVDRYTSDRHDLDLQWLVKRIYEFSRSHPSPEQWMRAFLSLYDVDAQTKVEELPFYPYIKEDLSLVLRSCQELLERA  240
NTDB id 119 BSU 10630 NP 388944.2            FFELVDRYTTDRHDLDLQFLVKQVYEYSRSHPNPEAWLESFVHLYDVSEKSAIEELPFYQYVKEDIAMVLNGAKEKLLRA  240
consensus                                    !!!!!!!!!*!!!!!!!!*!!! *!!*!!!!! !! !*  !**!!!!   * *!!!!!!*!*!!!* *!!  * ! ! !!

logo
NTDB id 986004 MHB83 RS10205 WP 106029932.1  LSLSKEPGGPAPRAENFIDDLEQVNELIRHQDDFEKLYELLPNVNFKRLKTCKGDEYDPALLEKSTDARNQAKKQLEKLK  320
NTDB id 119 BSU 10630 NP 388944.2            LELTKAPGGPAPRADNFLDDLAQIDELIQHQDDFSELYKRVPAVSFKRAKAVKGDEFDPALLDEATDLRNGAKKLLEKLK  320
consensus                                    ! !*! !!!!!!!!*!!*!!! !* !!! !!!!!  !!  *! ! !!! ! *!!!!*!!!!!*  !! !! !!! !!!!!

logo
NTDB id 986004 MHB83 RS10205 WP 106029932.1  DEYFMRSPAQHLKSLAEMKPVVETLVELVIQFGERFERAKQEKSIVDFSDLEHYCLRILAEQDAEGHLIETEAAKYYQQQ  400
NTDB id 119 BSU 10630 NP 388944.2            TDYFTRSPEQHLKSLAEMKPVIETLVQLVISYGKRFEAAKQEKSIIDFSDLEHYCLAILTAENDKGEREPSEAARFYQEQ  400
consensus                                     *!! !!! !!!!!!!!!!!!*!!!! !!! *! !!! !!!!!!!*!!!!!!!!!! !!       !*  **!!!**!! !

logo
NTDB id 986004 MHB83 RS10205 WP 106029932.1  FEEVLVDEYQDTNLVQETILKLVSKGKHSAEGNLFMVGDVKQSIYRFRLAEPMLFLNKYKHFQPDGKETGKRIDLNKNFR  480
NTDB id 119 BSU 10630 NP 388944.2            FHEVLVDEYQDTNLVQESILQLVTSGPE.ETGNLFMVGDVKQSIYRFRLAEPLLFLSKYKRFTESGEGTGRKIDLNKNFR  479
consensus                                    !*!!!!!!!!!!!!!!!!*!! !!* !***  !!!!!!!!!!!!!!!!!!!!!!*!!! !!!*! * !  !!**!!!!!!!!

logo
NTDB id 986004 MHB83 RS10205 WP 106029932.1  SRSDVLDSTNFLFKQLMGETVGEIEYDEQAELKLGASYPESKDTTTEMLLVHLDQQEAETGEEREELETVQFEARIIAKK  560
NTDB id 119 BSU 10630 NP 388944.2            SRADILDSTNFLFKQLMGGKIGEVDYDEQAELKLGAAYPDNDETETELLLIDNA.EDTDASEEAEELETVQFEAKAIAKE  558
consensus                                    !! !*!!!!!!!!!!!!!!  *!!**!!!!!!!!!!!! !!*  *! !!*!!**  * * *  !! !!!!!!!!!!* !!!
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logo

NTDB id 986004 MHB83 RS10205 WP 106029932.1  IKELVEQPFQVYDAKQQMTRNLQYRDIVILLRSMPWAPQMMEELKKQGIPVYANLSSGYFEATEVSVILSLLKVIDNPYQ   640
NTDB id 119 BSU 10630 NP 388944.2             IRKLISSPFKVYDGKKKTHRNIQYRDIVILLRSMPWAPQIMEELRAQGIPVYANLTSGYFEAVEVAVALSVLKVIDNPYQ   638
consensus                                     !* !*  !! !!!*!   *!!*!!!!!!!!!!!!!!!!*!!!!* !!!!!!!!!*!!!!!! !! ! !!*!!!!!!!!!

logo

NTDB id 986004 MHB83 RS10205 WP 106029932.1  DIPLAAVLRSPIVHLDENELALIRTSDKKGTYYDAVKAFMSVTHSDHPTCKKLERFFQLLRKWRDFSINHSVAELIWEVY   720
NTDB id 119 BSU 10630 NP 388944.2             DIPLASVLRSPIVGADENELSLIRLENKKAPYYEAMKDYLAAGDRSDELYQKLNTFYGHLQKWRAFSKNHSVSELIWEVY   718
consensus                                     !!!!! !!!!!!!* !!!!! !!!   !!**!!*!*! **   *  ** * !!  !* *! !!! !! !!!! !!!!!!!

logo

NTDB id 986004 MHB83 RS10205 WP 106029932.1  RDTQYLDYVGGMPGGKQRQANLRALYDRAKQYEKAAFRGLFRFLRFIERMQERGDDLGAAKTFSETEDVVRMMTIHSSKG   800
NTDB id 119 BSU 10630 NP 388944.2             RDTKYMDYVGGMPGGKQRQANLRVLYDRARQYESTAFRGLFRFLRFIERMQERGDDLGTARALSEQEDVVRLMTIHSSKG   798
consensus                                     !!! !*!!!!!!!!!!!!!!!!!! !!!!!*!!!  !!!!!!!!!!!!!!!!!!!!!!!! !*  !! !!!!!*!!!!!!!!

logo

NTDB id 986004 MHB83 RS10205 WP 106029932.1  LEFPVVFTAGLGRNFNMMDLNQPYLLDKELGFGSKYIHPELRISYATLPLVAMKKKMRKELLSEELRVLYVALTRAKEKL   880
NTDB id 119 BSU 10630 NP 388944.2             LEFPVVFVAGLGRNFNMMDLNKSYLLDKELGFGTKYIHPQLRISYPTLPLIAMKKKMRRELLSEELRVLYVALTRAKEKL   878
consensus                                     !!!!!!! !!!!!!!!!!!!!! *!!!!!!!!!!*!!!!! !!!!!*!!!!*!!!!!!!*!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 986004 MHB83 RS10205 WP 106029932.1  FLVGSVKNQVKALSKWQNAATGEEWLLPDFERYQSKTYLDFIGPALIRHQAMSSVLEETG.DIVLSHPSTFTISFTQASD   959
NTDB id 119 BSU 10630 NP 388944.2             FLIGSCKDHQKQLAKWQASASQTDWLLPEFDRYQARTYLDFIGPALARHRDLGDLAGVPAHADISGHPARFAVQMIHSYD   958
consensus                                     !!*!!*! * ! ! !!!  !*  *!!!!*!*!!! *!!!!!!!!!! !!  *  *   ***  *  !!  ! *   *  !

logo

NTDB id 986004 MHB83 RS10205 WP 106029932.1  LLKEDMSLEKKEQDEIVQALIDGLPVEGYGDADEKVAERLSWKYPYLAASQVGTKQSVSEIKRMKEIQDEYSVPSSIRKA   1039
NTDB id 119 BSU 10630 NP 388944.2             LLDDDLEEERMEEKSERLEAIRRGEPVPGSFAFDEKAREQLSWTYPHQEVTQIRTKQSVSEIKRKREYEDEYSGRAPVKPA   1038
consensus                                     !! *!*     !  ! * !*  ! !!*!    !!!  ! !!! !!*   *!* !!!!!!!!!! *!  !!!! * ****!

logo

NTDB id 986004 MHB83 RS10205 WP 106029932.1  .RATLYDRPAFMKKKTLTAAEQGTAMHTVMQHIPLPSEEPYDESRIGHLLESLQQRDLLTDEQIQSINQEGIASFFSTSI   1118
NTDB id 119 BSU 10630 NP 388944.2             DGSILYRRPAFMMKKGLTAAEKGTAMHTVMQHIPLSHVPSIEEAE..QTVHRLYEKELLTEEQKDAIDIEEIVQFFHTEI   1116
consensus                                     *   !! !!!!! !! !!!!! !!!!!!!!!!!!!** ** *!  *** ** !  **!!!*!!   !  ! !  !!*! !
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logo
NTDB id 986004 MHB83 RS10205 WP 106029932.1  GQKLLKADWVKREVSFSMVLPVKEVYSHIDTEGEPVLIQGMIDCLFETDGKLYLLDYKTDRVQGRYT..VDAAEPILKKR  1196
NTDB id 119 BSU 10630 NP 388944.2            GGQLIGAKWKDREIPFSLALPAKEIYPDAHEADEPLLVQGIIDCLYETEDGLYLLDYKSDRIEGKFQHGFEGAAPILKKR  1196
consensus                                    !  !* ! !  !!**!!* !! !!*!** *   !!*!*!!*!!!!*!!*  !!!!!!!*!!* !** ** **! !!!!!!
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logo
NTDB id 986004 MHB83 RS10205 WP 106029932.1  YETQIALYAKAVERLTNRTLEEKILYFFDGNLEISL  1232
NTDB id 119 BSU 10630 NP 388944.2            YETQIQLYTKAVEQIAKTKVKGCALYFFDGGHILTL  1232
consensus                                    !!!!! !! !!!! *    *  * !!!!!! * **!
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X non conserved

X similar

X $\geq$ 50% conserved