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logo
NTDB id 986049 MHI58 RS05275 WP 368004381.1  MQIPKPNNSTWTDDQWNAIVSEGQDILVAAAAGSGKTAVLVERLIRKMTRPEQPVDVDRLLVVTFTNASAAEMKHRITEA   80
NTDB id 119 BSU 10630 NP 388944.2            MNIPKPADSTWTDDQWNAIVSTGQDILVAAAAGSGKTAVLVERMIRKITAEENPIDVDRLLVVTFTNASAAEMKHRIAEA   80
consensus                                    !*!!!!  !!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!*!!!*! *!*!*!!!!!!!!!!!!!!!!!!!!!!! !!

logo
NTDB id 986049 MHI58 RS05275 WP 368004381.1  LEKELSKNPGSLHMRRQLSLMNRANISTLHSFCLQVLRTFYYEIDIDPGFRLADQTEGELLGDEVLDELFEDEYKAGKPS  160
NTDB id 119 BSU 10630 NP 388944.2            LEKELVQRPGSLHIRRQLSLLNRASISTLHSFCLQVLKKYYYLIDLDPGFRIADQTEGELIGDEVLDELFEDEYAKGEKA  160
consensus                                    !!!!!   !!!!!*!!!!!!*!!! !!!!!!!!!!!!* *!! !!*!!!!!*!!!!!!!!*!!!!!!!!!!!!!  ! *

logo
NTDB id 986049 MHI58 RS05275 WP 368004381.1  FFELVDRYTSDRHDLDLQWLVKRIYEFSRSHPAPEQWMRAFLSLYDVDTQTKVEELPFYPYIKEDLSLVLRSCQGLLEQA  240
NTDB id 119 BSU 10630 NP 388944.2            FFELVDRYTTDRHDLDLQFLVKQVYEYSRSHPNPEAWLESFVHLYDVSEKSAIEELPFYQYVKEDIAMVLNGAKEKLLRA  240
consensus                                    !!!!!!!!!*!!!!!!!!*!!! *!!*!!!!! !! !*  !**!!!!   * *!!!!!!*!*!!!* *!!  *   !  !

logo
NTDB id 986049 MHI58 RS05275 WP 368004381.1  LTLSKEPGGPAPRAENFIDDLEQVNELIRHQDDFETLYKLLPNINFKRLKTCKGDDYDPALLEKATDARNQAKKQLEKLK  320
NTDB id 119 BSU 10630 NP 388944.2            LELTKAPGGPAPRADNFLDDLAQIDELIQHQDDFSELYKRVPAVSFKRAKAVKGDEFDPALLDEATDLRNGAKKLLEKLK  320
consensus                                    ! !*! !!!!!!!!*!!*!!! !* !!! !!!!!  !!! *! * !!! ! *!!!**!!!!!* !!! !! !!! !!!!!

logo
NTDB id 986049 MHI58 RS05275 WP 368004381.1  DEYFMRSPDQHLKSLAEMKPVVETLVELVIQYGERFERAKQEKSIVDFSDLEHYCLRILAKQDAEGNLIETEAAKYYQQQ  400
NTDB id 119 BSU 10630 NP 388944.2            TDYFTRSPEQHLKSLAEMKPVIETLVQLVISYGKRFEAAKQEKSIIDFSDLEHYCLAILTAENDKGEREPSEAARFYQEQ  400
consensus                                     *!! !!!*!!!!!!!!!!!!!*!!!! !!! !! !!! !!!!!!!*!!!!!!!!!! !!      !   **!!!**!! !

logo
NTDB id 986049 MHI58 RS05275 WP 368004381.1  FEEVLVDEYQDTNLVQETILKLVSKGKHPAEGNRFMVGDVKQSIYRFRLAEPMLFLNKYKQFKADSNETGKRIDLNKNFR  480
NTDB id 119 BSU 10630 NP 388944.2            FHEVLVDEYQDTNLVQESILQLVTSGPE.ETGNLFMVGDVKQSIYRFRLAEPLLFLSKYKRFTESGEGTGRKIDLNKNFR  479
consensus                                    !*!!!!!!!!!!!!!!!!*!! !!* !***  !! !!!!!!!!!!!!!!!!!!*!!! !!! !       !!**!!!!!!!!

logo
NTDB id 986049 MHI58 RS05275 WP 368004381.1  SRADVLDSTNFLFKQLMGETVGEIEYDEQAELKLGASYPQSEDTTTEMLLVHLDQHDTESDEEREELETVQFEARVIAKK  560
NTDB id 119 BSU 10630 NP 388944.2            SRADILDSTNFLFKQLMGGKIGEVDYDEQAELKLGAAYPDNDETETELLLIDN.AEDTDASEEAEELETVQFEAKAIAKE  558
consensus                                    !!!!*!!!!!!!!!!!!!  *!!**!!!!!!!!!!! !!  **! !!*!!** * *!!*  !! !!!!!!!!!* !!!
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logo
NTDB id 986049 MHI58 RS05275 WP 368004381.1  IKELVEQPFQVYDAKQQLTRNLQYRDIVILLRSMPWAPQMMEELKKQGIPVYANLSSGYFEATEVSVILSLLKVIDNPYQ  640
NTDB id 119 BSU 10630 NP 388944.2            IRKLISSPFKVYDGKKKTHRNIQYRDIVILLRSMPWAPQIMEELRAQGIPVYANLTSGYFEAVEVAVALSVLKVIDNPYQ  638
consensus                                    !* !*  !! !!!*!   *!!*!!!!!!!!!!!!!!!!*!!!!* !!!!!!!!!*!!!!!! !! ! !!*!!!!!!!!!

logo
NTDB id 986049 MHI58 RS05275 WP 368004381.1  DIPLAAVLRSPLVHLDENEMALIRTSDKKGTYYDAVKAFMSVTHSDHPTCRKLERFFLQLRKWRDFSIQHSVAELIWEVY  720
NTDB id 119 BSU 10630 NP 388944.2            DIPLASVLRSPIVGADENELSLIRLENKKAPYYEAMKDYLAAGDRSDELYQKLNTFYGHLQKWRAFSKNHSVSELIWEVY  718
consensus                                    !!!!! !!!!!*!* !!!!* !!!   !!**!*!*! **   *  ** * !!  !* *! !!! !! *!!! !!!!!!!

logo
NTDB id 986049 MHI58 RS05275 WP 368004381.1  RDTQYLDYVGGMPGGKQRQANLRALYDRAKQYEKAAFRGLFRFLRFIERMQERGDDLGAAKTFSETEDVVRMMTIHSSKG  800
NTDB id 119 BSU 10630 NP 388944.2            RDTKYMDYVGGMPGGKQRQANLRVLYDRARQYESTAFRGLFRFLRFIERMQERGDDLGTARALSEQEDVVRLMTIHSSKG  798
consensus                                    !!! !*!!!!!!!!!!!!!!!!!! !!!!!*!!!  !!!!!!!!!!!!!!!!!!!!!!! !*  !! !!!!!*!!!!!!!!

logo
NTDB id 986049 MHI58 RS05275 WP 368004381.1  LEFPVVFTAGLGRNFNMMDLNQSYLLDKELGFGSKYIHPELRISYATLPLIAMKKKMRKELLSEELRVLYVALTRAKEKL  880
NTDB id 119 BSU 10630 NP 388944.2            LEFPVVFVAGLGRNFNMMDLNKSYLLDKELGFGTKYIHPQLRISYPTLPLIAMKKKMRRELLSEELRVLYVALTRAKEKL  878
consensus                                    !!!!!!! !!!!!!!!!!!!!! !!!!!!!!!!!*!!!!! !!!!!*!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 986049 MHI58 RS05275 WP 368004381.1  FLVGSVKNQVKALSKWQNAANGDDWLLPDFERYQARTYLDFIGPALIRHQAMSSLLEESR.EVVLSHPSSFSITFHQASN  959
NTDB id 119 BSU 10630 NP 388944.2            FLIGSCKDHQKQLAKWQASASQTDWLLPEFDRYQARTYLDFIGPALARHRDLGDLAGVPAHADISGHPARFAVQMIHSYD  958
consensus                                    !!*!!*! * ! ! !!!   !    !!!!!*!*!!!!!!!!!!!!!!! !!  *  !   * *  *  !!  ! *  **

logo
NTDB id 986049 MHI58 RS05275 WP 368004381.1  LLQEDMSLEKQKQDEVVQALMEGMPVQGYGDYEEEVLERLSWRYPYLAASQVGTKQSVSEIKRMKEIQDEYSVPSSVRKA  1039
NTDB id 119 BSU 10630 NP 388944.2            LLDDDLEERMEEKSERLEAIRRGEPVPGSFAFDEKAREQLSWTYPHQEVTQIRTKQSVSEIKRKREYEDEYSGRAPVKPA  1038
consensus                                    !! *!*         ! * !*  ! !!*!   **!   ! !!! !!*   *!* !!!!!!!!!! *!  !!!! * *!**!

logo
NTDB id 986049 MHI58 RS05275 WP 368004381.1  R.ATLYERPAFMKKKTLTAAEQGTAMHTVMQHIPLPSNEPYDESRVEELLHSLKEKDLLTDEQIQSINREGIVAFFSTAI  1118
NTDB id 119 BSU 10630 NP 388944.2            DGSILYRRPAFMMKKGLTAAEKGTAMHTVMQHIPLSHVPSIEE..AEQTVHRLYEKELLTEEQKDAIDIEEIVQFFHTEI  1116
consensus                                     *  !! !!!!! !! !!!!! !!!!!!!!!!!!!** ** *!** !  *! ! !!*!!!*!!   !  ! !! !!*! !
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logo
NTDB id 986049 MHI58 RS05275 WP 368004381.1  GQKLRKADWVKREVSFSMVLPVKEVYSHIDAEGEPVLIQGMIDCLFEADGKLYLLDYKTDRVTGRFSGGLEEAEAMLKKR  1198
NTDB id 119 BSU 10630 NP 388944.2            GGQLIGAKWKDREIPFSLALPAKEIYPDAHEADEPLLVQGIIDCLYETEDGLYLLDYKSDRIEGKFQHGFEGAAPILKKR  1196
consensus                                    !  !  ! !  !!**!!* !! !!*!** *   !!*!*!!*!!!!*! *  !!!!!!!*!!* !*! *! ! ! **!!!!

logo
NTDB id 986049 MHI58 RS05275 WP 368004381.1  YETQLALYTTAVERLTNRTLEEKILYFFDGNLEISL  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