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logo
NTDB id 128608 BF39 RS28800 WP 000970458.1  MMENWPKKPEGSQWTDDQWKAVVATGRDILVAAAAGSGKTAVLVERIIKKIINEENPVDVDRLLVVTFTNAAAQEMKNRIGEALE   85
NTDB id 119 BSU 10630 NP 388944.2           ...MNIPKPADSTWTDDQWNAIVSTGQDILVAAAAGSGKTAVLVERMIRKITAEENPIDVDRLLVVTFTNASAAEMKHRIAEALE   82
consensus                                   ***  **!!  ! !!!!!! !*! !! !!!!!!!!!!!!!!!!!!*!*!!  !!!!*!!!!!!!!!!!!!! ! !!!*!!*!!!!

logo
NTDB id 128608 BF39 RS28800 WP 000970458.1  KVLIDEPGSQHVRKQLSLLNKASISTIHSFCLQVIRGYYYMLDVDPRFRIANQTENELLKEEVLDDILEEEYGIEDNTIFFELVD  170
NTDB id 119 BSU 10630 NP 388944.2           KELVQRPGSLHIRRQLSLLNRASISTLHSFCLQVLKKYYYLIDLDPGFRIADQTEGELIGDEVLDELFEDEYAKG.EKAFFELVD  166
consensus                                   ! !*  !!! !*!*!!!!!!*!!!!!*!!!!!!!** !!!**!*!! !!!! !!! !!* *!!!!** !*!!*  *   !!!!!!

logo
NTDB id 128608 BF39 RS28800 WP 000970458.1  RYTSDRSDDDLQRMILALHTESRAHPNPEKWLDKLVEAYDVEGK.TIEDLVYASYLLEDVKFQLETAEQHIRKATELAMLPDGPA  254
NTDB id 119 BSU 10630 NP 388944.2           RYTTDRHDLDLQFLVKQVYEYSRSHPNPEAWLESFVHLYDVSEKSAIEELPFYQYVKEDIAMVLNGAKEKLLRALELTKAPGGPA  251
consensus                                   !!!*!!*! !!! **  **  !! !!!!! !!*  !* !!!  !* !!*!**  !* !!*   !  !  ** *! !!   ! !!!

logo
NTDB id 128608 BF39 RS28800 WP 000970458.1  PRIETLQADLALLGTLSAAARESWTSVYEAMQNVSWQTLKRIKKSDYNEDIVKQVDSLRNKAKDEVKKLQEELFSRRPESFLRDF  339
NTDB id 119 BSU 10630 NP 388944.2           PRADNFLDDLAQIDELIQ.HQDDFSELYKRVPAVSFKRAKAVKGDEFDPALLDEATDLRNGAKKLLEKLKTDYFTRSPEQHLKSL  335
consensus                                   !! *    !!! *  !  ** * ** *!  ** !!*   ! *!  ** * **    !!! !!  * !!  * !*! !! *!*

logo
NTDB id 128608 BF39 RS28800 WP 000970458.1  QDMHPVLEKLVQLVKVFTERFQAMKRDKGMVDFTDLEHFCLQILSEQSEDGEMKPSAVALQYRNKFAEVLVDEYQDTNFVQESII  424
NTDB id 119 BSU 10630 NP 388944.2           AEMKPVIETLVQLVISYGKRFEAAKQEKSIIDFSDLEHYCLAILTAENDKGEREPSEAARFYQEQFHEVLVDEYQDTNLVQESIL  420
consensus                                    *!*!!*! !!!!!  *  !! ! ! *! **!!*!!!!*!! !!*   * !!  !!  !  !   !*!!!!!!!!!! !!!!!*

logo
NTDB id 128608 BF39 RS28800 WP 000970458.1  KFVTKDSESEGNLFMVGDVKQSIYRFRLAEPGLFLGKYKRFTQEGLGGGMKIDLAKNFRSRHEVLAGTNFIFKQIMGEEVGEIDY  509
NTDB id 119 BSU 10630 NP 388944.2           QLVTSGPEETGNLFMVGDVKQSIYRFRLAEPLLFLSKYKRFTESGEGTGRKIDLNKNFRSRADILDSTNFLFKQLMGGKIGEVDY  505
consensus                                     !!   *!  !!!!!!!!!!!!!!!!!!!!! !!! !!!!!!  ! ! ! !!!! !!!!!!***!  !!!*!!!*!!  *!!*!!

logo
NTDB id 128608 BF39 RS28800 WP 000970458.1  DADAELKLGASYPEGEDVAAELLCIQQTEEEVIDGEEGAEVEKAQLEARLMAQRIKAMVDSGYEVYDRKTDSMRPVKYRDFVILL  594
NTDB id 119 BSU 10630 NP 388944.2           DEQAELKLGAAYPDNDETETELLLIDNAEDT.DASEEAEELETVQFEAKAIAKEIRKLISSPFKVYDGKKKTHRNIQYRDIVILL  589
consensus                                   !  !!!!!!! !!* **   !!!*! * !* *   !!* !*!  ! !!* *!  !* ** !** !!! !  **!** !!! !!!!
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logo
NTDB id 128608 BF39 RS28800 WP 000970458.1  RSMPWAPQIMEELKLQGIPVYADLATGYFEATEVNIMMNVFRVIDNPMQDIPLAAVLRSPIVGLNDEELATLRAHGKKGSFYEVM   679
NTDB id 119 BSU 10630 NP 388944.2           RSMPWAPQIMEELRAQGIPVYANLTSGYFEAVEVAVALSVLKVIDNPYQDIPLASVLRSPIVGADENELSLIRLENKKAPYYEAM   674
consensus                                   !!!!!!!!!!!!!* !!!!!!! ! *!!!!! !! * * ! *!!!!! !!!!!! !!!!!!!!  * !!  *! * !!***!! !

logo
NTDB id 128608 BF39 RS28800 WP 000970458.1  SSFLKGAPLEEEKELHDKLEWFYNLLQGWREFARQQSLSDLIWKVYGETGYYDFVGGLPAGKQRQANLRVLYDRARQYEATSFRG   764
NTDB id 119 BSU 10630 NP 388944.2           KDYLAAGD..RSDELYQKLNTFYGHLQKWRAFSKNHSVSELIWEVYRDTKYMDYVGGMPGGKQRQANLRVLYDRARQYESTAFRG   757
consensus                                     *! *****   !!* !!  !! *!! !! ! ***!*!*!!! !! *! ! !*!!!*!*!!!!!!!!!!!!!!!!!! ! !!!

logo
NTDB id 128608 BF39 RS28800 WP 000970458.1  LFRFLRFIERILERGDDMGTARALGEQEDVVRIMTIHKSKGLEFPVVFVAGLGRRFNTQDLMKRFLLHKDFGFGSQFIDPRKRIK   849
NTDB id 119 BSU 10630 NP 388944.2           LFRFLRFIERMQERGDDLGTARALSEQEDVVRLMTIHSSKGLEFPVVFVAGLGRNFNMMDLNKSYLLDKELGFGTKYIHPQLRIS   842
consensus                                   !!!!!!!!!!* !!!!!*!!!!!! !!!!!!!*!!!! !!!!!!!!!!!!!!!! !!  !! ! *!!*!* !!!* *!*!  !!

logo
NTDB id 128608 BF39 RS28800 WP 000970458.1  YTTLSQLAIKRKMKMELIAEEMRVLYVALTRAKEKLILIGTVKDATKEMEKWLDAREHSEWLLPDHVRAGASCYLDWIAPSLYRH   934
NTDB id 119 BSU 10630 NP 388944.2           YPTLPLIAMKKKMRRELLSEELRVLYVALTRAKEKLFLIGSCKDHQKQLAKWQASASQTDWLLPEFDRYQARTYLDFIGPALARH   927
consensus                                   !*!!* *!*!*!!* !!* !!*!!!!!!!!!!!!!! !!!**!!* ! * !!     ***!!!!** !  ! *!!!*!*! ! !!

logo
NTDB id 128608 BF39 RS28800 WP 000970458.1  RDSEMLLELGQGSIPDEIYGYDTSWKVEVVDGNTLLAPE..PVQEEKQELLEALREKKAVPLESERKEEVYDRLMWKYGYGEATS  1017
NTDB id 119 BSU 10630 NP 388944.2           RDLGDLAGVP...AHADISGHPARFAVQMIHSYDLLDDDLEERMEEKSERLEAIRRGEPVPGSFAFDEKAREQLSWTYPHQEVTQ  1009
consensus                                   !!    !  *****   *! !**  * ! ***   !! ***** !!! ! !!!*!   *!!       !   * ! ! !** ! !

logo
NTDB id 128608 BF39 RS28800 WP 000970458.1  HRAKQSVTEIKRNYQSEEG..SDNAFIKKLRAPIQTRPRFMEKKGLTYAERGTAWHAVMQHVDLKKPITVEILQEQIAGMVNKEL  1100
NTDB id 119 BSU 10630 NP 388944.2           IRTKQSVSEIKRKREYEDEYSGRAPVKPADGSILYRRPAFMMKKGLTAAEKGTAMHTVMQHIPLSHVPSIEEAEQTVHRLYEKEL  1094
consensus                                   *! !!!!*!!!!    !* **   *  *    **  !! !! !!!!! !!*!!!*! !!!!**! *****!     ** *  !!!

logo
NTDB id 128608 BF39 RS28800 WP 000970458.1  LTFEQAEEIAIEKVISFFDSDLGKRVLAAKSVEREVPFTMMLAAEEAYQDWQGESGESILVQGVIDCMIEEEDGITLIDFKTDTI  1185
NTDB id 119 BSU 10630 NP 388944.2           LTEEQKDAIDIEEIVQFFHTEIGGQLIGAKWKDREIPFSLALPAKEIYPDAH.EADEPLLVQGIIDCLYETEDGLYLLDYKSDRI  1178
consensus                                   !! !! * ! !! ** !!****!  ***!!  *!!*!!** !*! ! !*! **!  !**!!!!*!!!* ! !!!* !*!*!*! !
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logo
NTDB id 128608 BF39 RS28800 WP 000970458.1  EGKFPGGFEQAKPILETRYKVQLSLYAKALEKSLQHPVKEKCLYFFDGNHVIKVEE  1241
NTDB id 119 BSU 10630 NP 388944.2           EGKFQHGFEGAAPILKKRYETQIQLYTKAVEQIAKTKVKGCALYFFDGGHILTL..  1232
consensus                                   !!!!**!!! ! !!!  !!  !* !! !!*!    **!! **!!!!!! !** ***
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X non conserved

X similar

X $\geq$ 50% conserved