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logo

NTDB id 1070098 ACIGXT RS05430 WP 404219383.1  MQIPKPKDSIWTDDQWSAIVSFGRDILVAAAAGSGKTAVLVERMIRKITAEEDPVDVDRLLVVTFTNASAAEMKHRIAEA   80
NTDB id 119 BSU 10630 NP 388944.2              MNIPKPADSTWTDDQWNAIVSTGQDILVAAAAGSGKTAVLVERMIRKITAEENPIDVDRLLVVTFTNASAAEMKHRIAEA   80
consensus                                      !*!!!! !! !!!!!! !!!! ! !!!!!!!!!!!!!!!!!!!!!!!!!!!! !*!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1070098 ACIGXT RS05430 WP 404219383.1  LEKELAKNPGSLHIRRQLSLLNRASISTLHSFCLQVLKKYYYMIDLDPGFRMADQTEGELLGDEVLDELFEDEYAKGNQA  160
NTDB id 119 BSU 10630 NP 388944.2              LEKELVQRPGSLHIRRQLSLLNRASISTLHSFCLQVLKKYYYLIDLDPGFRIADQTEGELIGDEVLDELFEDEYAKGEKA  160
consensus                                      !!!!!   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!*!!!!!!!!*!!!!!!!!!!!!!!!!   !

logo

NTDB id 1070098 ACIGXT RS05430 WP 404219383.1  FFELADRYTTDRHDLDLQDLVKRVYEYSRSHPDPEAWLQSFVRLYDVTEESKMEELPFYQYVREDAEMALFGAKQKLEKA  240
NTDB id 119 BSU 10630 NP 388944.2              FFELVDRYTTDRHDLDLQFLVKQVYEYSRSHPNPEAWLESFVHLYDVSEKSAIEELPFYQYVKEDIAMVLNGAKEKLLRA  240
consensus                                      !!!! !!!!!!!!!!!!! !!! !!!!!!!!! !!!!! !!!*!!!!*! ! *!!!!!!!!!*!! ! ! !!! !! *!

logo

NTDB id 1070098 ACIGXT RS05430 WP 404219383.1  LELTKAPGGPAPRAGNFLDDLQQIEELISCRHDFDALYERVPAVSFKRAKPVKGDEFDKALLDEATDLRNGAKKLIEKLK  320
NTDB id 119 BSU 10630 NP 388944.2              LELTKAPGGPAPRADNFLDDLAQIDELIQHQDDFSELYKRVPAVSFKRAKAVKGDEFDPALLDEATDLRNGAKKLLEKLK  320
consensus                                      !!!!!!!!!!!!!! !!!!!! !!*!!!   *!!  !! !!!!!!!!!!!*!!!!!!!*!!!!!!!!!!!!!!!!!*!!!!

logo

NTDB id 1070098 ACIGXT RS05430 WP 404219383.1  TDYFTRSPQDHLKSLTDMKPVIETLVQLVISYGKRFEAAKQEKSIIDFSDLEHYCLAILTAVDEEGRRVPSEAAVYYQDQ  400
NTDB id 119 BSU 10630 NP 388944.2              TDYFTRSPEQHLKSLAEMKPVIETLVQLVISYGKRFEAAKQEKSIIDFSDLEHYCLAILTAENDKGEREPSEAARFYQEQ  400
consensus                                      !!!!!!!!  !!!!! *!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  * ! ! !!!!! *!!*!

logo

NTDB id 1070098 ACIGXT RS05430 WP 404219383.1  FHEVLVDEYQDTNLVQESILQLVKSGDEEAGNLFMVGDVKQSIYRFRLAEPLLFLGKYKRFTESGEGAGQKIDLNQNFRS  480
NTDB id 119 BSU 10630 NP 388944.2              FHEVLVDEYQDTNLVQESILQLVTSGPEETGNLFMVGDVKQSIYRFRLAEPLLFLSKYKRFTESGEGTGRKIDLNKNFRS  480
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!! !!*!! !!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!! ! !!!!! !!!!

logo

NTDB id 1070098 ACIGXT RS05430 WP 404219383.1  RSDILDSTNFLFKQLMGGKIGEVDYDEQAAELKLGASYPPNDAAKTELLLIDSADDADSSEDAEDFETVHWEAKAIAGEIR  560
NTDB id 119 BSU 10630 NP 388944.2              RADILDSTNFLFKQLMGGKIGEVDYDEQAEELKLGAAYPDNDETETELLLIDNAEDTDASEEAEELETVQFEAKAIAKEIR  560
consensus                                      ! !!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!! !!*!!   !!!!!!! !*! ! !!*!!* !!!**!!!!!! !!!
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logo
NTDB id 1070098 ACIGXT RS05430 WP 404219383.1  KLVSSPFKVYDGKTKTHRNIQYRDIVILLRSMPWAPQLMEELKNQGIPVYANLTSGYFEAVEVAAALSVLKVIDNPYQDI   640
NTDB id 119 BSU 10630 NP 388944.2              KLISSPFKVYDGKKKTHRNIQYRDIVILLRSMPWAPQIMEELRAQGIPVYANLTSGYFEAVEVAVALSVLKVIDNPYQDI   640
consensus                                      !!*!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!*!!!!* !!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!

logo
NTDB id 1070098 ACIGXT RS05430 WP 404219383.1  PLASVLRSPIVGCDENELALIRLEKKKAPRYYEALKAYIANGDRHDELYQKLRTFYDSLQKWRSFSTNHSVSELIWEVYRD   720
NTDB id 119 BSU 10630 NP 388944.2              PLASVLRSPIVGADENELSLIRLENKKAPYYEAMKDYLAAGDRSDELYQKLNTFYGHLQKWRAFSKNHSVSELIWEVYRD   720
consensus                                      !!!!!!!!!!!!*!!!!! !!!!! !!!!*!!!*! !*! !!!*!!!!!!! !!! *!!!!! !! !!!!!!!!!!!!!!!!

logo
NTDB id 1070098 ACIGXT RS05430 WP 404219383.1  TGYFDYAGGMPGGKQRQANLRVLYDRARSYESTAFRGLFRFLRFIERMQERGDDLGTARALSEQEDVVRLMTIHSSKGLE   800
NTDB id 119 BSU 10630 NP 388944.2              TKYMDYVGGMPGGKQRQANLRVLYDRARQYESTAFRGLFRFLRFIERMQERGDDLGTARALSEQEDVVRLMTIHSSKGLE   800
consensus                                      ! ! !! !!!!!!!!!!!!!!!!!!!!! !! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 1070098 ACIGXT RS05430 WP 404219383.1  FPVVFTAGLGRSFNMMDLNKSYLLDKELGFGTKYIHPELRISYPTLPLVAMKKKMRRELLSEELRVLYVALTRAKEKLFL   880
NTDB id 119 BSU 10630 NP 388944.2              FPVVFVAGLGRNFNMMDLNKSYLLDKELGFGTKYIHPQLRISYPTLPLIAMKKKMRRELLSEELRVLYVALTRAKEKLFL   880
consensus                                      !!!!! !!!!! !!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 1070098 ACIGXT RS05430 WP 404219383.1  VGSCKNREKQLAKWQAQADRADWLLSEFDRYQASSYLDFIGPALIRHRDMEAHRTPGLSSTEDIARDPSRFHIRMLQQSE   960
NTDB id 119 BSU 10630 NP 388944.2              IGSCKDHQKQLAKWQASASQTDWLLPEFDRYQARTYLDFIGPALARHRDLGD..LAGVPAHADISGHPARFAVQMIHSYD   958
consensus                                      *!!!! * !!!!!!!! !   !!!!*!!!!!!! *!!!!!!!!! !!!!*  ** *!** * !!  *! !!** !**  *

logo
NTDB id 1070098 ACIGXT RS05430 WP 404219383.1  LLEENPKERAEEKSKRLKAIQQGEPIPGSFSFDDQARRLLEWEYPYRELTAIRTKQSVSELKRKQEYEDEYSGRSLIKPS   1040
NTDB id 119 BSU 10630 NP 388944.2              LLDDDLEERMEEKSERLEAIRRGEPVPGSFAFDEKAREQLSWTYPHQEVTQIRTKQSVSEIKRKREYEDEYSGRAPVKPA   1038
consensus                                      !!** * !! !!!! !! !!   !!!*!!!! !!* !!   ! ! !!* !*! !!!!!!!!!*!!! !!!!!!!! **!!

logo
NTDB id 1070098 ACIGXT RS05430 WP 404219383.1  GDTLLYRRPGFMMKKGLTAAEKGTAMHTVMQHIPLTHVPTAEEAERTVRRMLYEKELLTEEQQEAIDIEEIVQFFGTEIGK   1120
NTDB id 119 BSU 10630 NP 388944.2              DGSILYRRPAFMMKKGLTAAEKGTAMHTVMQHIPLSHVPSIEEAEQTVHRLYEKELLTEEQKDAIDIEEIVQFFHTEIGG   1118
consensus                                        **!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!* !!!! !!* !!!!!!!!!!! *!!!!!!!!!!!*!!!!
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logo
NTDB id 1070098 ACIGXT RS05430 WP 404219383.1  DLLGALRIDREVPFSMALPAGEVYKDAETAGEPLLVQGIIDCLYETADGLYLLDYKTDRIEGKFRNGFEGAAPILQKRYE  1200
NTDB id 119 BSU 10630 NP 388944.2              QLIGAKWKDREIPFSLALPAKEIYPDAHEADEPLLVQGIIDCLYETEDGLYLLDYKSDRIEGKFQHGFEGAAPILKKRYE  1198
consensus                                       !*!!    !!!*!!!*!!!! !*!*!!* ! !!!!!!!!!!!!!!! !!!!!!!!!!*!!!!!!! *!!!!!!!!!! !!!!

logo
NTDB id 1070098 ACIGXT RS05430 WP 404219383.1  TQIELYTKAVEQITKTKVKGRALYFFDGGHVLTL  1234
NTDB id 119 BSU 10630 NP 388944.2              TQIQLYTKAVEQIAKTKVKGCALYFFDGGHILTL  1232
consensus                                      !!! !!!!!!!!! !!!!!!!*!!!!!!!!!!*!!!
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X non conserved

X similar

X $\geq$ 50% conserved