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logo

NTDB id 56124 KSO RS13920 WP 015388464.1  MQIPKPKDSIWTDDQWSAIVSSGRDILVAAAAGSGKTAVLVERMIRKITAEEDPVDVDRLLVVTFTNASAAEMKHRIAEALEKEL   85
NTDB id 119 BSU 10630 NP 388944.2         MNIPKPADSTWTDDQWNAIVSTGQDILVAAAAGSGKTAVLVERMIRKITAEENPIDVDRLLVVTFTNASAAEMKHRIAEALEKEL   85
consensus                                 !*!!!! !! !!!!!! !!!!*! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 56124 KSO RS13920 WP 015388464.1  AKNPGSLHIRRQLSLLNRASISTLHSFCLQVLKKYYYMIDLDPGFRMADQTEGELLGDEVLDELFEDEYAKGNQAFFELADRYTT  170
NTDB id 119 BSU 10630 NP 388944.2         VQRPGSLHIRRQLSLLNRASISTLHSFCLQVLKKYYYLIDLDPGFRIADQTEGELIGDEVLDELFEDEYAKGEKAFFELVDRYTT  170
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!*!!!!!!!!!*!!!!!!!!!!!!!!!!!  !!!!! !!!!!

logo

NTDB id 56124 KSO RS13920 WP 015388464.1  DRHDLDLQDLVKRVYEYSRSHPDPEAWLQSFVRLYDVTEESKMEELPFYQYVREDAEMALFGAKQKLEKALELTKAPGGPAPRAG  255
NTDB id 119 BSU 10630 NP 388944.2         DRHDLDLQFLVKQVYEYSRSHPNPEAWLESFVHLYDVSEKSAIEELPFYQYVKEDIAMVLNGAKEKLLRALELTKAPGGPAPRAD  255
consensus                                 !!!!!!!! !!! !!!!!!!!! !!!!! !!!*!!!!*! ! *!!!!!!!!!*!! ! ! !!! !! *!!!!!!!!!!!!!!!!

logo

NTDB id 56124 KSO RS13920 WP 015388464.1  NFLDDLQQIEELISCRHDFDALYERVPAVSFKRAKPVKGDEFDKALLDEATDLRNGAKKLIEKLKTDYFTRSPQDHLKSLTDMKP  340
NTDB id 119 BSU 10630 NP 388944.2         NFLDDLAQIDELIQHQDDFSELYKRVPAVSFKRAKAVKGDEFDPALLDEATDLRNGAKKLLEKLKTDYFTRSPEQHLKSLAEMKP  340
consensus                                 !!!!!! !!*!!!   *!!  !! !!!!!!!!!!*!!!!!!!*!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!  !!!!! *!!!

logo

NTDB id 56124 KSO RS13920 WP 015388464.1  VIETLVQLVISYGKRFEAAKQEKSIIDFSDLEHYCLAILTAVDEEGRRVPSEAAVYYQDQFHEVLVDEYQDTNLVQESILQLVKS  425
NTDB id 119 BSU 10630 NP 388944.2         VIETLVQLVISYGKRFEAAKQEKSIIDFSDLEHYCLAILTAENDKGEREPSEAARFYQEQFHEVLVDEYQDTNLVQESILQLVTS  425
consensus                                 !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  *  ! ! !!!!! *!!*!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 56124 KSO RS13920 WP 015388464.1  GDEEAGNLFMVGDVKQSIYRFRLAEPLLFLGKYKRFTESGEGAGQKIDLNQNFRSRSDILDSTNFLFKQLMGGKIGEVDYDEQAA  510
NTDB id 119 BSU 10630 NP 388944.2         GPEETGNLFMVGDVKQSIYRFRLAEPLLFLSKYKRFTESGEGTGRKIDLNKNFRSRADILDSTNFLFKQLMGGKIGEVDYDEQAE  510
consensus                                 !*!! !!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!! ! !!!!! !!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 56124 KSO RS13920 WP 015388464.1  LKLGASYPPNDAAKTELLLIDSADDADSSEDAEDFETVHWEAKAIAGEIRKLVSSPFKVYDGKTKTHRNIQYRDIVILLRSMPWA  595
NTDB id 119 BSU 10630 NP 388944.2         LKLGAAYPDNDETETELLLIDNAEDTDASEEAEELETVQFEAKAIAKEIRKLISSPFKVYDGKKKTHRNIQYRDIVILLRSMPWA  595
consensus                                 !!!!! !!*!!   !!!!!!! !*! ! !!*!!* !!!**!!!!!! !!!!!*!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!
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logo
NTDB id 56124 KSO RS13920 WP 015388464.1  PQLMEELKNQGIPVYANLTSGYFEAVEVAAALSVLKVIDNPYQDIPLASVLRSPIVGCDENELALIRLEKKKAPFYEALKAYIAN   680
NTDB id 119 BSU 10630 NP 388944.2         PQIMEELRAQGIPVYANLTSGYFEAVEVAVALSVLKVIDNPYQDIPLASVLRSPIVGADENELSLIRLENKKAPYYEAMKDYLAA   680
consensus                                 !!*!!!!* !!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!! !!!!! !!!!*!!!*! !*!

logo
NTDB id 56124 KSO RS13920 WP 015388464.1  ADRHDELYQKLRTFYDSLQKWRSFSTNHSVSELIWEVYRDTGYFDYAGGMPGGKQRQANLRVLYDRARSYEATAFRGLFRFLRFI   765
NTDB id 119 BSU 10630 NP 388944.2         GDRSDELYQKLNTFYGHLQKWRAFSKNHSVSELIWEVYRDTKYMDYVGGMPGGKQRQANLRVLYDRARQYESTAFRGLFRFLRFI   765
consensus                                 *!!*!!!!!!! !!! *!!!!! !! !!!!!!!!!!!!!!! ! !! !!!!!!!!!!!!!!!!!!!!!! !! !!!!!!!!!!!!!

logo
NTDB id 56124 KSO RS13920 WP 015388464.1  ERMQERGDDLGTARALSEQEDVVRLMTIHSSKGLEFPVVFTAGLGRSFNMMDLNKSYLLDKELGFGTKYIHPELRISYPTLPLVA   850
NTDB id 119 BSU 10630 NP 388944.2         ERMQERGDDLGTARALSEQEDVVRLMTIHSSKGLEFPVVFVAGLGRNFNMMDLNKSYLLDKELGFGTKYIHPQLRISYPTLPLIA   850
consensus                                 !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!! !!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!*!

logo
NTDB id 56124 KSO RS13920 WP 015388464.1  MKKKMRRELLSEELRVLYVALTRAKEKLFLVGSCKNREKQLAKWQAQADRADWLLSEFDRYQASSYLDFIGPALIRHRDMEAHRT   935
NTDB id 119 BSU 10630 NP 388944.2         MKKKMRRELLSEELRVLYVALTRAKEKLFLIGSCKDHQKQLAKWQASASQTDWLLPEFDRYQARTYLDFIGPALARHRDLGD..L   933
consensus                                 !!!!!!!!!!!!!!!!!!!!
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logo
                                                  AAPILQKRYETQIQLYTKAVEQITKTKVKGRALYFFDGGHYLTL

NTDB id 56124 KSO RS13920 WP 015388464.1  AAPILQKRYETQIELYTKAVEQITKTKVKGRALYFFDGGHVLTL  1234
NTDB id 119 BSU 10630 NP 388944.2         AAPILKKRYETQIQLYTKAVEQIAKTKVKGCALYFFDGGHILTL  1232
consensus                                 !!!!! !!!!!!! !!!!!!!!! !!!!!!*!!!!!!!!!*!!!
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X non conserved

X similar

X $\geq$ 50% conserved