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logo
NTDB id 234910 S101395 RS18280 WP 006636760.1  MEMAKPKNSTWTDDQWKAIVSSGRDILVAAAAGSGKTAVLVERIIRKITAEDNPIDVDRLLVVTFTNASAAEMKHRICEA   80
NTDB id 119 BSU 10630 NP 388944.2              MNIPKPADSTWTDDQWNAIVSTGQDILVAAAAGSGKTAVLVERMIRKITAEENPIDVDRLLVVTFTNASAAEMKHRIAEA   80
consensus                                      ! **!!  !!!!!!!! !!!!*! !!!!!!!!!!!!!!!!!!!*!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!*!!

logo
NTDB id 234910 S101395 RS18280 WP 006636760.1  LERELAEHPGSLHLRRQLSLLNKASISTLHSFCLQVVRKYYYMIDVDPAFRIADQTEGELLGDEVLDELFEEEYQKGDPA  160
NTDB id 119 BSU 10630 NP 388944.2              LEKELVQRPGSLHIRRQLSLLNRASISTLHSFCLQVLKKYYYLIDLDPGFRIADQTEGELIGDEVLDELFEDEYAKGEKA  160
consensus                                      !!*!!  *!!!!!*!!!!!!!!!*!!!!!!!!!!!!!!**!!!!*!!*!!*!!!!!!!!!!!*!!!!!!!!!!!*!! !!**!

logo
NTDB id 234910 S101395 RS18280 WP 006636760.1  FFELVDRYTTDRHDLDLQYLVKRVYEFSRSHPDPESWLEKFVELYDADADAKVEALPFYPYIKEDVELALKGVREKLARA  240
NTDB id 119 BSU 10630 NP 388944.2              FFELVDRYTTDRHDLDLQFLVKQVYEYSRSHPNPEAWLESFVHLYDVSEKSAIEELPFYQYVKEDIAMVLNGAKEKLLRA  240
consensus                                      !!!!!!!!!!!!!!!!!!!*!!!! !!!*!!!!! !! !!! !!*!!!      *! !!!!*!*!!!* * ! ! *!!! !!

logo
NTDB id 234910 S101395 RS18280 WP 006636760.1  LELAKQPGGPAPRAENFLDDLAQIDNLIRHQDDFAALYKLVSAVSFQRAKPCKGDEFEPSLIEEATELRNSAKKQLEKLK  320
NTDB id 119 BSU 10630 NP 388944.2              LELTKAPGGPAPRADNFLDDLAQIDELIQHQDDFSELYKRVPAVSFKRAKAVKGDEFDPALLDEATDLRNGAKKLLEKLK  320
consensus                                      !!! ! !!!!!!!!*!!!!!!!!!! !! !!!!!  !!! !*!!!! !!!**!!!!!*! !**!!!*!!! !!! !!!!!

logo
NTDB id 234910 S101395 RS18280 WP 006636760.1  TDYFTRTPDQHLASLKEMKPVIKTLVKLVIEFGRRFKAVKKEKAIVDFSDLEHDCLAILTKKNEAGETVPSEAAAHYRHQ  400
NTDB id 119 BSU 10630 NP 388944.2              TDYFTRSPEQHLKSLAEMKPVIETLVQLVISYGKRFEAAKQEKSIIDFSDLEHYCLAILTAENDKGEREPSEAARFYQEQ  400
consensus                                      !!!!!!*!*!!! !! !!!!!! !!! !!! *!*!! ! ! !! !*!!!!!! !!!!!!  !* !!  !!!!! *! *!

logo
NTDB id 234910 S101395 RS18280 WP 006636760.1  FHEVLVDEYQDTNLVQEAILKLVAK.EEHEGNLFMVGDVKQSIYRFRLAEPLLFLSKYKRFTDDGSGAGQKIDLNKNFRS  479
NTDB id 119 BSU 10630 NP 388944.2              FHEVLVDEYQDTNLVQESILQLVTSGPEETGNLFMVGDVKQSIYRFRLAEPLLFLSKYKRFTESGEGTGRKIDLNKNFRS  480
consensus                                      !!!!!!!!!!!!!!!!! !! !!   **!* !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!* ! ! ! !!!!!!!!!!

logo
NTDB id 234910 S101395 RS18280 WP 006636760.1  RSDILDSTNFLFKQLMGGKYGEVDYDEQAELKLGASYPPNDSTKTEVLMIENQEN.SADEEAEELETVQLEARAMAGRIR  558
NTDB id 119 BSU 10630 NP 388944.2              RADILDSTNFLFKQLMGGKIGEVDYDEQAELKLGAAYPDNDETETELLLIDNAEDTDASEEAEELETVQFEAKAIAKEIR  560
consensus                                      ! !!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!
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logo

NTDB id 234910 S101395 RS18280 WP 006636760.1  ELISGKFQVYDGKTKTTRNIEYRDIVILLRSMPWAPQIMDEFKQQGIPVYANLSTGYFEATEVAVTLSLLKIIDNAYQDI   638
NTDB id 119 BSU 10630 NP 388944.2              KLISSPFKVYDGKKKTHRNIQYRDIVILLRSMPWAPQIMEELRAQGIPVYANLTSGYFEAVEVAVALSVLKVIDNPYQDI   640
consensus                                       !!! *! !!!!! !!*!!! !!!!!!!!!!!!!!!!!!*! * !!!!!!!!**!!!!! !!!! !!*!!*!!!*!!!!

logo

NTDB id 234910 S101395 RS18280 WP 006636760.1  PLASVLRSPIVGLDENELSLIRIRDKKAPFYEALKAYIASSDPDDTLNEKLSRFDRLLKKWRTYAKHHSVAELIWEIYRD   718
NTDB id 119 BSU 10630 NP 388944.2              PLASVLRSPIVGADENELSLIRLENKKAPYYEAMKDYLAAGDRSDELYQKLNTFYGHLQKWRAFSKNHSVSELIWEVYRD   720
consensus                                       !!!!!!!!!!!! !!!!!!!!!*  !!!!*!!!*! !*!  !* ! !  !!  !  *! !!! * !*!!! !!!!!*!!!

logo

NTDB id 234910 S101395 RS18280 WP 006636760.1  TKYLDYVGGMPGGKQRQANLRALYDRARSYESTSFRGLFRFLRFIERMQERGDDLGTARALSEQEDVVRLMTIHSSKGLE   798
NTDB id 119 BSU 10630 NP 388944.2              TKYMDYVGGMPGGKQRQANLRVLYDRARQYESTAFRGLFRFLRFIERMQERGDDLGTARALSEQEDVVRLMTIHSSKGLE   800
consensus                                       !!!*!!!!!!!!!!!!!!!!!! !!!!!! !!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 234910 S101395 RS18280 WP 006636760.1  FPVVFTAGLGRNFNMMDLNKSYLLDKELGFGTKFIHPKWRISYPTLPLIAMKKKMRRELLSEELRVLYVALTRAKEKLFL   878
NTDB id 119 BSU 10630 NP 388944.2              FPVVFVAGLGRNFNMMDLNKSYLLDKELGFGTKYIHPQLRISYPTLPLIAMKKKMRRELLSEELRVLYVALTRAKEKLFL   880
consensus                                       !!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!  !!!!!!!!!!!!!!!!!!!!
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logo

NTDB id 234910 S101395 RS18280 WP 006636760.1  LSARRVEREVPFNMTLPAQDVYPGMNTADEPVLIQGIIDCLFETDDGFYLLDYKTDRIHGKFRSGFEGAEPILRKRYETQ  1197
NTDB id 119 BSU 10630 NP 388944.2              IGAKWKDREIPFSLALPAKEIYPDAHEADEPLLVQGIIDCLYETEDGLYLLDYKSDRIEGKFQHGFEGAAPILKKRYETQ  1200
consensus                                      * !*  *!!*!! * !!! **!!  * !!!!*!*!!!!!!!*!!*!! !!!!!!*!!!*!!! *!!!!! !!!*!!!!!!

logo

NTDB id 234910 S101395 RS18280 WP 006636760.1  INLYARAVETMLKTPLKGKALYFFDGCHVLMF  1229
NTDB id 119 BSU 10630 NP 388944.2              IQLYTKAVEQIAKTKVKGCALYFFDGGHILTL  1232
consensus                                      !*!! *!!! * !!**!!*!!!!!!!!*!*!
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X non conserved

X similar

X $\geq$ 50% conserved