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logo
NTDB id 1146926 CKV66 RS02775 WP 085363304.1   MNSRNITKIFSA.ITIGFAVQTACAGNITDINVSSLPDNQKIIKIKFDKDVTAPRGFVTSTPARIALDFAGTSIQLPQPV   79
NTDB id 1115 OK783 RS00485 WP 003698035.1      MNTK.LTKIISGLFVATAAFQTASAGNITDIKVSSLPNKQKIVKVSFDKEIVNPTGFVTSSPARIALDFEQTGISMDQQV   79
NTDB id 1092 CAD91899.1 1..2286( )             MNTK.LTKIISGLFVATAAFQTASAGNITDIKVSSLPNKQKIVKVSFDKEIVNPTGFVTSSPARIALDFEQTGISMDQQV   79
NTDB id 1100 NMB RS09455 WP 002225652.1        MNTK.LTKIISGLFVATAAFQTASAGNITDIKVSSLPNKQKIVKVSFDKEIVNPTGFVTSSPARIALDFEQTGISMDQQV   79
consensus                                      !!** *!!!*!*******!*!!!*!!!!!!!*!!!!!**!!!*!**!!!****!*!!!!!*!!!!!!!!**!*!***!*!

logo
NTDB id 1146926 CKV66 RS02775 WP 085363304.1   LEYADPLLNQITAAQNDNRARILLGLNKASQYNTEIKGDEVWVYISEAINKTSNMPQQSVSTPA................   143
NTDB id 1115 OK783 RS00485 WP 003698035.1      LEYADPLLSKISAAQNSSRARLVLNLNKPGQYNTEVRGNKVWIFINESDDTVSAPARPAVKAAPAAPAKQQA........   151
NTDB id 1092 CAD91899.1 1..2286( )             LEYADPLLSKISAAQNSSRARLVLNLNKPGQYNTEVRGNKVWIFINESDDTVSAPARPAVKAAPAAPAKQQAAAPSTKSA   159
NTDB id 1100 NMB RS09455 WP 002225652.1        LEYADPLLSKISAAQNSSRARLVLNLNKPGQYNTEVRGNKVWIFINESDDTVSAPARPAVKAAPAAPAKQQAAAPSTKSA   159
consensus                                      !!!!!!!!**!*!!!!**!!!**!*!!!**!!!!!**!**!!**!*!*****!******!********************

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NTDB id 1146926 CKV66 RS02775 WP 085363304.1   ...........................AI.......................KSAPAK..SEQIAVSANIDFRKGSRNSGI   172
NTDB id 1115 OK783 RS00485 WP 003698035.1      ..............AAPFTESVVSVSAPFSPAKQQA.......................AASAKQTNIDFRKDGKNAGI   193
NTDB id 1092 CAD91899.1 1..2286( )             VSVSEPFTPAKQQAAAPFTESVVSVSAPFSPAKQQAAASAKQQTA........APAKQQAAAPAKQTNIDFRKDGKNAGI   231
NTDB id 1100 NMB RS09455 WP 002225652.1        VSVSEPFTPAKQQAAAPFTESVVSVSAPFSPAKQQAAASAKQQAAAPAKQQAAAPAKQQAAAPAKQTNIDFRKDGKNAGI   239
consensus                                      ********************************************  *          **********!***!!!!!!***!*!!

logo
NTDB id 1146926 CKV66 RS02775 WP 085363304.1   VELNAPSFTGEPEIKKQSDRITITLKNYPLPTQAQRSLDVADFNTPVRNVTIKRIGNNTQLIIRNQGSWDVQTQG.AHGR   251
NTDB id 1115 OK783 RS00485 WP 003698035.1      IELAALGFAGQPDISQQHDHIIVTLKNHTLPTALQRSLDVADFKTPVQKVTLKRLNNDTQLIITTTGNWELVNKSAAPGY   273
NTDB id 1092 CAD91899.1 1..2286( )             IELAALGFAGQPDISQQHDHIIVTLKNHTLPTTLQRSLDVADFKTPVQKVTLKRLNNDTQLIITTAGNWELVNKSAAPGY   311
NTDB id 1100 NMB RS09455 WP 002225652.1        IELAALGFAGQPDISQQHDHIIVTLKNHTLPTTLQRSLDVADFKTPVQKVTLKRLNNDTQLIITTAGNWELVNKSAAPGY   319
consensus                                      *!!*!**!*!*!*!**!*!*!**!!!!**!!!**!!!!!!!!!*!!!**!!*!!**!*!!!!!***!*!*******!*!*

logo
NTDB id 1146926 CKV66 RS02775 WP 085363304.1   YSFEVVRKANISAQGLANTPQKSFNGRKISLDFQDVEVRTILQILAKESGMNIVASDTVNGKMTLSLKDVPWDQALDLVM   331
NTDB id 1115 OK783 RS00485 WP 003698035.1      FTFQVLPKKQNLESGGVNNAPKTFTGRKISLDFQDVEIRTILQILAKESGMNIVASDSVSGKMTLSLKDVPWDQALDLVM   353
NTDB id 1092 CAD91899.1 1..2286( )             FTFQVLPKKQNLESGGVNNAPKTFTGRKISLDFQDVEIRTILQILAKESGMNIVASDSVNGKMTLSLKDVPWDQALDLVM   391
NTDB id 1100 NMB RS09455 WP 002225652.1        FTFQVLPKKQNLESGGVNNAPKTFTGRKISLDFQDVEIRTILQILAKESGMNIVASDSVNGKMTLSLKDVPWDQALDLVM   399
consensus                                      **!*!**!******!**!***!*!*!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!*!*!!!!!!!!!!!!!!!!!!!

logo
NTDB id 1146926 CKV66 RS02775 WP 085363304.1   QARNLDMRRQGNIINVAPREELLAKDKATLQAQKEIDDLGPLLSQTFQLKYKNVEEFRKILRLDESGSNNDRNSMLSGRG   411
NTDB id 1115 OK783 RS00485 WP 003698035.1      QARNLDMRQQGNIVNIAPRDELLAKDKAFLQAEKDIADLGALYSQNFQLKYKNVEEFRSILRLDNADTTGNRNTLVSGRG   433
NTDB id 1092 CAD91899.1 1..2286( )             QARNLDMRQQGNIVNIAPRDELLAKDKAFLQAEKDIADLGALYSQNFQLKYKNVEEFRSILALDNADTTGNRNTLVSGRG   471
NTDB id 1100 NMB RS09455 WP 002225652.1        QARNLDMRQQGNIVNIAPRDELLAKDKALLQAEKDIADLGALYSQNFQLKYKNVEEFRSILRLDNADTTGNRNTLISGRG   479
consensus                                      !!!!!!!!*!!!!!*!*!!!!*!!!!!!!!*!!!!*!*!*!!!!*!*!!*!!!!!!!!!!!!!!*!!*!!*******!!***!!!!
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logo
NTDB id 1146926 CKV66 RS02775 WP 085363304.1  SALIDPATNTLIITDNRHVIQKFQKLIDELDVPTRQVMVEARIVEANDDFSRDIGVKFGATGVKGASSWGSDWTNAVNNY   491
NTDB id 1115 OK783 RS00485 WP 003698035.1     SVLIDPATNTLIVTDTRSVIEKFRKLIDELDVPAQQVMIEARIVEAADGFSRDLGVKFGATGRKKLKNETSAFGWGVN..   511
NTDB id 1092 CAD91899.1 1..2286( )            SVLIDPATNTLIVTDTRSVIEKFRKLIDELDVPAQQVMIEARIVEAADGFSRDLGVKFGATGKKKLKNDTSAFGWGVN..   549
NTDB id 1100 NMB RS09455 WP 002225652.1       SVLIDPATNTLIVTDTRSVIEKFRKLIDELDVPAQQVMIEARIVEAADGFSRDLGVKFGATGKKKLKNDTSAFGWGVN..   557
consensus                                     !*!!!!!!!!!!*!!*!*!!*!!*!!!!!!!!!!**!!!*!!!!!!!*!*!!!!*!!!!!!!!*!******!*****!!

logo
NTDB id 1146926 CKV66 RS02775 WP 085363304.1  GTEVNNRRTIANAILSGSNTLPSTTPLQMNPNISLPITSATTSIALVRAISSGALGLELTAMQEQSRGKIISNPRVLTQD   571
NTDB id 1115 OK783 RS00485 WP 003698035.1     .....S.............GFGGGDKWEAQTKINLPVAAAANSISLVRAISSGALNLELSASESLSKTKTLANPRVLTQN   573
NTDB id 1092 CAD91899.1 1..2286( )            .....S.............GFGGDDKWGAETKINLPITAAANSISLVRAISSGALNLELSASESLSKPKTLANPRVLTQN   611
NTDB id 1100 NMB RS09455 WP 002225652.1       .....S.............GFGGDDKWGAETKINLPITAAANSISLVRAISSGALNLELSASESLSKTKTLANPRVLTQN   619
consensus                                          *            **************!*!!***!**!!*!!!!!!!!!!*!!!*!****!**!***!!!!!!!*

logo
NTDB id 1146926 CKV66 RS02775 WP 085363304.1  RKEAMIESGSEIPYEEATSSG...ATSITFKKAVLGLTVTPNITPDGQVIMTVKINKDSPTDCISGGVTTKCITTKQLQT   648
NTDB id 1115 OK783 RS00485 WP 003698035.1     RKEAKIESGYEIPFTVTTASGGGNSTNTELKKAVLGLTVTPNITPDGQIIMTVKINKDSPAQCASGNNTILCISTKSLNT   653
NTDB id 1092 CAD91899.1 1..2286( )            RKEAKIESGYEIPFTVTSIANGGSSTNTELKKAVLGLTVTPNITPDGQIIMTVKINKDSPAQCASGNQTILCISTKNLNT   691
NTDB id 1100 NMB RS09455 WP 002225652.1       RKEAKIESGYEIPFTVTSIANGGSSTNTELKKAVLGLTVTPNITPDGQIIMTVKINKDSPAQCASGNQTILCISTKNLNT   699
consensus                                     !!!!*!!!!*!!!******  ****!****!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!**!*!!**!**!!*!!*!*!

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logo
NTDB id 1146926 CKV66 RS02775 WP 085363304.1  QAMVEDGGTLIVGGIYEEENGNTVSKVPLLGDIPVVGNLFKSRTRKERRRELLIFITPRIMDNVGSNLRY.   718
NTDB id 1115 OK783 RS00485 WP 003698035.1     QAMVENGGTLIVGGIYEENNGNTLTKVPLLGDIPVIGNLFKTRGKKTDRRELLIFITPRIIDTAGNSLRY.   723
NTDB id 1092 CAD91899.1 1..2286( )            QAMVENGGTLIVGGIYEEDNGNTLTKVPLLGDIPVIGNLFKTRGKKTDRRELLIFITPRIMGTAGNSLRY*   761
NTDB id 1100 NMB RS09455 WP 002225652.1       QAMVENGGTLIVGGIYEEDNGNTLTKVPLLGDIPVIGNLFKTRGKKTDRRELLIFITPRIMGTAGNSLRY.   769
consensus                                     !!!!!*!!!!!!!!!!!!!!*!!!!**!!!!!!!!!!!*!!!!!*!**!**!!!!!!!!!!!!!* **!**!!!
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X non conserved

X similar

X $\geq$ 50% conserved