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logo

NTDB id 1135542 DQL88 RS00380 WP 001631036.1  MEEAIAYVRQSTLKQQSLATQKSLIMDTAKQYGWSNVAFYDDKKTGRHTKRSGYQKMVEIITSGKCKVLCCYRLNRLHRN   80
NTDB id 1 SACOL RS00225 WP 000806247.1        MKQAIGYLRQSTTKQQSLAAQKQTIEALAKKHNIQYITFYSDKQSGRTDKRNGYQQITELIQQGQCDVLCCYRLNRLHRN   80
NTDB id 10 SA RS00435 WP 000815646.1          MKQVIGYLRQSTMKQQSLAAQKQAIEAIAEKHHIQHINFYSDKQSGRKDNRSGYRQMTQLIQQGQCDILCCYRLNRLHRN   80
consensus                                     !***!*!*!!!!*!!!!!!*!!* !***!*** ** * !!*!!**!! **!*!!******!**!*!**!!!!!!!!!!!!

logo

NTDB id 1135542 DQL88 RS00380 WP 001631036.1  LKNAIQFFEICKKHHITIISVNDGYFDLSKEFDCFRLNILMSLAEMESNNISEQTKNGIREKAKQGKLITTHAPFGYRYR  160
NTDB id 1 SACOL RS00225 WP 000806247.1        LKNALKLMKLCQKYHVHILSVHDGYFDMDKAFDRLKLNIFISLAELESDNIGEQVKNGIKEKAKQGKMITTHAPFGYHYH  160
NTDB id 10 SA RS00435 WP 000815646.1          LKNALKLIKLCQTYHVHILSVHDGYFDMDQAFDRFKLNIFISLAELESDNIGEQVRNGLQEKAKQGRLITTHAPFGYEYH  160
consensus                                     !!!!***!***!***!**!*!!*!!!!!****!!***!!!**!!!!*!!*!!*!!**!!*!!!!!!**!!!!!!!!! !*

logo

NTDB id 1135542 DQL88 RS00380 WP 001631036.1  KGCFVVQEEEAYTVKSVYRWYLQGLGYKKISQHLDSNPNLIPRKPYQVRNILLNPNYCGRVINKYGTFNDIVPPIIDIDT  240
NTDB id 1 SACOL RS00225 WP 000806247.1        NGTFTIDTVKAPTVKAVFNYYLQGYGYKKIAQYLEADDKFINRKPYQVRNIILNPNYCGRVINQYGQYENMFPAIVSTTI  240
NTDB id 10 SA RS00435 WP 000815646.1          NGAFIINQNESPTVKAVFNYYIKGHGYKKIAQLLEEDNTYINRQPYQVRNIINPNYCGRVNNQYGQFDNMFPSIVSTSI  240
consensus                                     *! !***  ***!!!*!***!**! !!!!!*! !* *  *!*!*!!!!!!!**!!!!!!!!*!*!!**!***! !****

logo

NTDB id 1135542 DQL88 RS00380 WP 001631036.1  FEEAQERRIHKQLNRSNSRNKLKRRIKCPYCQSTLTNLTIKKENYSLRYYVCPKNMNDAYRTCPFKSINAPELESEVLDT  320
NTDB id 1 SACOL RS00225 WP 000806247.1        YEEAQVTRTQKPVKRKPSENQLKQKIKCPYCDSTLTNMTIRKKHHTLRYYVCPQNMNASRFVCEFKGINAQELETSVLAT  320
NTDB id 10 SA RS00435 WP 000815646.1          YEQAQRLRSQKQIKQTSSDNQLKQKIKCPCCNTTLTNMTVRKKNHTLRYYVCPKNMNASRFVCDFKGINAQTLEDKVLEV  320
consensus                                     *!*!!  !**!*****! !*!*!!**!!!!*!**!!!!*!**!****!!!!!!!*!!!*****!*!!*!!!**!!* !!**

logo

NTDB id 1135542 DQL88 RS00380 WP 001631036.1  CKKYFEEQSFHKRLNNTILKVLKQQQMKHKETHLTQEQLIEKLAQNRIDVKTFKRLSASCKSE.ENYSTYSTYQIDDKLK  399
NTDB id 1 SACOL RS00225 WP 000806247.1        CQDFFQNQQLYSKINHTIQQRLKRQRDIETKTTLNHEQLIEKLAQDKIDAETFREQTQSLRQQSKPISSISTYQIRKAFQ  400
NTDB id 10 SA RS00435 WP 000815646.1          CKDFYQNQRIYTKIKGAIDKRIKRQRNIEKHHTLTQEQLIEKLAQGIIDAETFREQTQSLRQQPQRTTSINGHQIQHTIQ  400
consensus                                     !******! ****** *! ***!*!* *** **!**!!!!!!!!! *!!**!!*****!****    ******!!   **

logo

NTDB id 1135542 DQL88 RS00380 WP 001631036.1  YVIKNKITLQDIAPFIDCIKITQTKQLQGIYFKNSPLNIVEQSHLITPERNEVI  453
NTDB id 1 SACOL RS00225 WP 000806247.1        NIIQQRFTLNMLYPYIDEINISKNKSLAGIYFKNEPLNIVKQTMELSIV.....  449
NTDB id 10 SA RS00435 WP 000815646.1          NIIQKRFTLNILYPYIETIHITKDKNLIGIYFKNEPLNIVNQTMQSSIA.....  449
consensus                                     **!****!!****!*!* ! !** !*! !!!!!!*!!!!! !** ***
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X non conserved

X similar

X ≥ 50% conserved