```
logo

NTDB id 1 SACOL RS00225 WP 000806247.1        MKQAIGYLRQSTTKQQSLAAQKQTIEALAKKHNIQYITFYSDKQSGRTDKRNGYQQITELIQQGQCDVLCCYRLNRLHRN   80
NTDB id 1054124 SL319 RS00200 WP 000815640.1 MKQVIGYLRQSTMKQQSLAAQKQAIEAIAEKHHIQHINFYSDKQSGRKDNRSGYRQITQLIQQGQCDILCCYRLNRLHRN   80
NTDB id 10 SA RS00435 WP 000815646.1          MKQVIGYLRQSTMKQQSLAAQKQAIEAIAEKHHIQHINFYSDKQSGRKDNRSGYRQMTQLIQQGQCDILCCYRLNRLHRN   80
consensus                                     !!!*!!!!!!!!*!!!!!!!!!!*!!!*!*!!*!!*!*!!!!!!!!!!*!*!*!!*!*!*!!!!!!!!!*!!!!!!!!!!!

logo

NTDB id 1 SACOL RS00225 WP 000806247.1        LKNALKLMKLCQKYHVHILSVHDGYFDMDKAFDRLKLNIFISLAELESDNIGEQVKNGIKEKAKQGKMITTHAPFGYHYH  160
NTDB id 1054124 SL319 RS00200 WP 000815640.1 LKNALKLIKLCQTYHVHILSVHDGYFDMDQAFDRLKLNIFISLAELESDNIGEQVRNGLQEKAKQGRLITTHAPFGYEYH  160
NTDB id 10 SA RS00435 WP 000815646.1          LKNALKLIKLCQTYHVHILSVHDGYFDMDQAFDRFKLNIFISLAELESDNIGEQVRNGLQEKAKQGRLITTHAPFGYEYH  160
consensus                                     !!!!!!!*!!!!*!!!!!!!!!!!!!!!!!*!!!!*!!!!!!!!!!!!!!!!!!!!!!*!!**!!!!!!**!!!!!!!!!*!!

logo

NTDB id 1 SACOL RS00225 WP 000806247.1        NGTFTIDTVKAPTVKAVFNYYLQGYGYKKIAQYLEADDKFINRKPYQVRNIILNPNYCGRVINQYGQYENMFPAIVSTTI  240
NTDB id 1054124 SL319 RS00200 WP 000815640.1 NGTFIINQNESPTVKAVFNYYIKGHGYKKIAQLLEEDNTYINRQPYQVRNIINPNYCGRVNNQYGQFDNMFPSIVSTSI  240
NTDB id 10 SA RS00435 WP 000815646.1          NGAFIINQNESPTVKAVFNYYIKGHGYKKIAQLLEEDNTYINRQPYQVRNIINPNYCGRVNNQYGQFDNMFPSIVSTSI  240
consensus                                     !!*!*!*****!!!!!!!!!!**!*!!!!!!!*!!*!***!!!*!!!!!!!!!*!!!!!!!!*!!!!!**!!!!*!!!!*!

logo

NTDB id 1 SACOL RS00225 WP 000806247.1        YEEAQVTRTQKPVKRKPSENQLKQKIKCPYCDSTLTNMTIRKKHHTLRYYVCPQNMNASRFVCEFKGINAQELETSVLAT  320
NTDB id 1054124 SL319 RS00200 WP 000815640.1 YEQAQRLRLQKQTKQTPSDNQLKQKIKCPCCNATLTNMTIRKKNHTLRYYVCPKNMNASRFVCDFKGINAQTLEDKVLEV  320
NTDB id 10 SA RS00435 WP 000815646.1          YEQAQRLRSQKQIKQTSSDNQLKQKIKCPCCNTTLTNMTVRKKNHTLRYYVCPKNMNASRFVCDFKGINAQTLEDKVLEV  320
consensus                                     !!*!!**!*!!**!***!*!!!!!!!!!!*!**!!!!!!*!!!*!!!!!!!!!*!!!!!!!!!*!!!!!!!*!!**!!**

logo

NTDB id 1 SACOL RS00225 WP 000806247.1        CQDFFQNQQLYSKINHTIQQRLKRQRDIETKTTLNHEQLIEKLAQDKIDAETFREQTQSLRQQSKPISSISTYQIRKAFQ  400
NTDB id 1054124 SL319 RS00200 WP 000815640.1 CRDFYQNQRIYTKIKSAIDKRIKRQRNIEKHHTLTQEQLIEKLAQGIIDAETFREQTQSLRQQPQRTTSINGHQIQHIIQ  400
NTDB id 10 SA RS00435 WP 000815646.1          CKDFYQNQRIYTKIKGAIDKRIKRQRNIEKHHTLTQEQLIEKLAQGIIDAETFREQTQSLRQQPQRTTSINGHQIQHTIQ  400
consensus                                     !*!!*!!!**!*!!* *!**!*!!!!*!!***!!**!!!!!!!!!!**!!!!!!!!!!!!!!!!!*****!!***!!** *!

logo

NTDB id 1 SACOL RS00225 WP 000806247.1        NIIQQRFTLNMLYPYIDEINISKNKSLAGIYFKNEPLNIVKQTMELSIV   449
NTDB id 1054124 SL319 RS00200 WP 000815640.1 NIIQKRFTLNILYPYIETIHITKDKNLIGIYFKNEPLNIVNQTMQSSIA   449
NTDB id 10 SA RS00435 WP 000815646.1          NIIQKRFTLNILYPYIETIHITKDKNLIGIYFKNEPLNIVNQTMQSSIA   449
consensus                                     !!!!*!!!!!*!!!!!**!*!*!*!*!*!!!!!!!!!!!!!*!!!**!!*
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X non conserved

X similar

X ≥ 50% conserved