```
logo

NTDB id 1 SACOL RS00225 WP 000806247.1        MKQAIGYLRQSTTKQQSLAAQKQTIEALAKKHNIQYITFYSDKQSGRTDKRNGYQQITELIQQGQCDVLCCYRLNRLHRN   80
NTDB id 1117986 ELZ49 RS00225 WP 000815638.1 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 1117986 ELZ49 RS00225 WP 000815638.1 LKNALKLIKLCQTYHVHILSVHDGYFDMDQAFDRLKLNIFISLAELESDNIGEQVRNGLQEKAKQGRLITTHAPFGYDYH  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 1117986 ELZ49 RS00225 WP 000815638.1 HGTFIINQNESPTVKAVFNYYIKGHGYKKIAQLLEEDNTYINRQPYQVRNIINPNYCGRVNNQYGQFDNMFPSIVSTSI  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 1117986 ELZ49 RS00225 WP 000815638.1 YEQAQRLRSQKQTKQTSSDNQLKQKIKCPCCNATLTNMTIRKKNHTLRYYVCPKNMNASRFVCDFKGINAQTLEDKVLEV  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 1117986 ELZ49 RS00225 WP 000815638.1 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 1117986 ELZ49 RS00225 WP 000815638.1 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