```
logo

NTDB id 1 SACOL RS00225 WP 000806247.1      MKQAIGYLRQSTTKQQSLAAQKQTIEALAKKHNIQYITFYSDKQSGRTDKRNGYQQITELIQQGQCDVLCCYRLNRLHRNLKNAL   85
NTDB id 70154 EL289 RS00210 WP 000815640.1 MKQVIGYLRQSTMKQQSLAAQKQAIEAIAEKHHIQHINFYSDKQSGRKDNRSGYRQITQLIQQGQCDILCCYRLNRLHRNLKNAL   85
NTDB id 10 SA RS00435 WP 000815646.1       MKQVIGYLRQSTMKQQSLAAQKQAIEAIAEKHHIQHINFYSDKQSGRKDNRSGYRQMTQLIQQGQCDILCCYRLNRLHRNLKNAL   85
consensus                                  !!!*!!!!!!!!*!!!!!!!!!!*!!!*!*!!*!!*!*!!!!!!!!*!*!*!!*!*!*!!!!!!!!*!!!!!!!!!!!!!!!!!!

logo

NTDB id 1 SACOL RS00225 WP 000806247.1      KLMKLCQKYHVHILSVHDGYFDMDKAFDRLKLNIFISLAELESDNIGEQVKNGIKEKAKQGKMITTHAPFGYHYHNGTFTIDTVK   170
NTDB id 70154 EL289 RS00210 WP 000815640.1 KLIKLCQTYHVHILSVHDGYFDMDQAFDRLKLNIFISLAELESDNIGEQVRNGLQEKAKQGRLITTHAPFGYEYHNGTFIINQNE   170
NTDB id 10 SA RS00435 WP 000815646.1       KLIKLCQTYHVHILSVHDGYFDMDQAFDRFKLNIFISLAELESDNIGEQVRNGLQEKAKQGRLITTHAPFGYEYHNGAFIINQNE   170
consensus                                  !!*!!!!*!!!!!!!!!!!!!!!!!*!!!!*!!!!!!!!!!!!!!!!!!!!!!!!*!!**!!!!!!**!!!!!!!!!!*!!!!*!*!****

logo

NTDB id 1 SACOL RS00225 WP 000806247.1      APTVKAVFNYYLQGYGYKKIAQYLEADDKFINRKPYQVRNIILNPNYCGRVINQYGQYENMFPAIVSTTIYEEAQVTRTQKPVKR   255
NTDB id 70154 EL289 RS00210 WP 000815640.1 SPTVKAVFNYYIKGHGYKKIAQLLEEDNTYINRQPYQVRNIIINPNYCGRVNNQYGQFDNMFPSIVSTSIYEQAQRLRLQKQTKQ   255
NTDB id 10 SA RS00435 WP 000815646.1       SPTVKAVFNYYIKGHGYKKIAQLLEEDNTYINRQPYQVRNIIINPNYCGRVNNQYGQFDNMFPSIVSTSIYEQAQRLRSQKQIKQ   255
consensus                                  *!!!!!!!!!!!**!*!!!!!!!*!!*!***!!!*!!!!!!!!*!!!!!!!!!*!!!!!**!!!!*!!!!*!!!*!!**!*!!**!*

logo

NTDB id 1 SACOL RS00225 WP 000806247.1      KPSENQLKQKIKCPYCDSTLTNMTIRKKHHTLRYYVCPQNMNASRFVCEFKGINAQELETSVLATCQDFFQNQQLYSKINHTIQQ   340
NTDB id 70154 EL289 RS00210 WP 000815640.1 TPSDNQLKQKIKCPCCNATLTNMTIRKKNHTLRYYVCPKNMNASRFVCDFKGINAQTLEDKVLEVCRDFYQNQRIYTKIKSAIDK   340
NTDB id 10 SA RS00435 WP 000815646.1       TSSDNQLKQKIKCPCCNTTLTNMTVRKKNHTLRYYVCPKNMNASRFVCDFKGINAQTLEDKVLEVCKDFYQNQRIYTKIKGAIDK   340
consensus                                  **!*!!!!!!!!!!*!*!!!!!!*!!!*!!!!!!!!!*!!!!!!!!!*!!!!!!!*!!**!!**!*!!*!!!**!*!!* *!**

logo

NTDB id 1 SACOL RS00225 WP 000806247.1      RLKRQRDIETKTTLNHEQLIEKLAQDKIDAETFREQTQSLRQQSKPISSISTYQIRKAFQNIIQQRFTLNMLYPYIDEINISKNK   425
NTDB id 70154 EL289 RS00210 WP 000815640.1 RIKRQRNIEKHHTLTQEQLIEKLAQGIIDAETFREQTQSLRQQPQRTTSINGHQIQHIIQNIIQKRFTLNILYPYIETIHITKDK   425
NTDB id 10 SA RS00435 WP 000815646.1       RIKRQRNIEKHHTLTQEQLIEKLAQGIIDAETFREQTQSLRQQPQRTTSINGHQIQHTIQNIIQKRFTLNILYPYIETIHITKDK   425
consensus                                  !*!!!!*!!***!!**!!!!!!!!!!**!!!!!!!!!!!!!!!!!!!!!*****!!***!!** *!!!!!*!!!!!*!!!!!**!*!*!*!

logo

NTDB id 1 SACOL RS00225 WP 000806247.1      SLAGIYFKNEPLNIVKQTMELSIV   449
NTDB id 70154 EL289 RS00210 WP 000815640.1 NLIGIYFKNEPLNIVNQTMQSSIA   449
NTDB id 10 SA RS00435 WP 000815646.1       NLIGIYFKNEPLNIVNQTMQSSIA   449
consensus                                  *!*!!!!!!!!!!!!!*!!!**!!*
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X non conserved

X similar

X ≥ 50% conserved