```
logo

NTDB id 10 SA RS00435 WP 000815646.1          MKQVIGYLRQSTMKQQSLAAQKQAIEAIAEKHHIQHINFYSDKQSGRKDNRSGYRQMTQLIQQGQCDILCCYRLNRLHRN   80
NTDB id 247709 CO689 RS06810 WP 061054989.1  MKQAIGYLRQSTTKQQSLAAQKQTIETLAKKYNIQHIIFYSDKQSGRTDNRTGYQQVIERIQQRQCEVLCCYRLNRLHRN   80
NTDB id 1 SACOL RS00225 WP 000806247.1       MKQAIGYLRQSTTKQQSLAAQKQTIEALAKKHNIQYITFYSDKQSGRTDKRNGYQQITELIQQGQCDVLCCYRLNRLHRN   80
consensus                                    !!!*!!!!!!!!*!!!!!!!!!!!*!!**!*!**!!*!  !!!!!!!!!*!*!*!!*!*****!!!*!!**!!!!!!!!!!!!

logo

NTDB id 10 SA RS00435 WP 000815646.1          LKNALKLIKLCQTYHVHILSVHDGYFDMDQAFDRFKLNIFISLAELESDNIGEQVRNGLQEKAKQGRLITTHAPFGYEYH  160
NTDB id 247709 CO689 RS06810 WP 061054989.1  LKNALKLMKLCQKYHVHILSIHDGYFDMDKAFDRLKLNIFISLAELESDNIGEQVKNGLKEKAKQGKLITTHAPFGYHYQ  160
NTDB id 1 SACOL RS00225 WP 000806247.1       LKNALKLMKLCQKYHVHILSVHDGYFDMDKAFDRLKLNIFISLAELESDNIGEQVKNGIKEKAKQGKMITTHAPFGYHYH  160
consensus                                    !!!!!!!*!!!!*!!!!!!!*!!!!!!!!*!!!!*!!!!!!!!!!!!!!!!!!!!!*!!**!!!!!!**!!!!!!!!!*!*

logo

NTDB id 10 SA RS00435 WP 000815646.1          NGAFIINQNESPTVKAVFNYYIKGHGYKKIAQLLEEDNTYINRQPYQVRNIIINPNYCGRVNNQYGQFDNMFPSIVSTSI  240
NTDB id 247709 CO689 RS06810 WP 061054989.1  NGTFIINNDESPTVKAVFNYYLQGYGYKKIAQYLETDDKCINRKPYQVRAIITNPNYCGRVINQYGQYDNMFPSIVSTSI  240
NTDB id 1 SACOL RS00225 WP 000806247.1       NGTFTIDTVKAPTVKAVFNYYLQGYGYKKIAQYLEADDKFINRKPYQVRNIILNPNYCGRVINQYGQYENMFPAIVSTTI  240
consensus                                    !!*!*!** **!!!!!!!!!!!**!*!!!!!!!*!! !***!!!*!!!!!*!!*!!!!!!!!!*!!!!!**!!!!*!!!!*!

logo

NTDB id 10 SA RS00435 WP 000815646.1          YEQAQRLRSQKQIKQTSSDNQLKQKIKCPCCNTTLTNMTVRKKNHTLRYYVCPKNMNASRFVCDFKGINAQTLEDKVLEV  320
NTDB id 247709 CO689 RS06810 WP 061054989.1  YEQAQAIRVNKQVKRTPSANLLKQKIKCPYCGSTLTNMATRKTNHSLRYYVCPKNMNASRFICDFKGINAENLEKQVLES  320
NTDB id 1 SACOL RS00225 WP 000806247.1       YEEAQVTRTQKPVKRKPSENQLKQKIKCPYCDSTLTNMTIRKKHHTLRYYVCPQNMNASRFVCEFKGINAQELETSVLAT  320
consensus                                    !!*!! *!**!**!***!*!*!!!!!!!!!! *!!!!!**!!**!*!!!!!!!*!!!!!!!*!*!!!!!!* !!   !!**

logo

NTDB id 10 SA RS00435 WP 000815646.1          CKDFYQNQRIYTKIKGAIDKRIKRQRNIEKHHTLTQEQLIEKLAQGIIDAETFREQTQSLRQQPQRTTSINGHQIQHTIQ  400
NTDB id 247709 CO689 RS06810 WP 061054989.1  CKKFFRDQQLYSKIKHAIEKQLKKQRMHDTSNTLTQKKLIENLAQGKIDVETFREQSQSINLQNKPIQAISDIRIKASLQ  400
NTDB id 1 SACOL RS00225 WP 000806247.1       CQDFFQNQQLYSKINHTIQQRLKRQRDIETKTTLNHEQLIEKLAQDKIDAETFREQTQSLRQQSKPISSISTYQIRKAFQ  400
consensus                                    !**!***!**!*!!***!****!*!! ***  !!****!!!*!!!**!!*!!!!!!*!!***! *****!*  *!* **!

logo

NTDB id 10 SA RS00435 WP 000815646.1          NIIQKRFTLNILYPYIETIHITKDKNLIGIYFKNEPLNIVNQTMQSSIA   449
NTDB id 247709 CO689 RS06810 WP 061054989.1  KTIQKSFTLNMLYPYIDEIHITKNKELSGIYLKDEPLNIVNQAV.....   444
NTDB id 1 SACOL RS00225 WP 000806247.1       NIIQQRFTLNMLYPYIDEINISKNKSLAGIYFKNEPLNIVKQTMELSIV   449
consensus                                    **!!**!!!!*!!!!!**!*!*!*! ! !!!*!*!!!!!!*!**  **
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X non conserved

X similar

X ≥ 50% conserved