```
logo
NTDB id 10 SA RS00435 WP 000815646.1        MKQVIGYLRQSTMKQQSLAAQKQAIEAIAEKHHIQHINFYSDKQSGRKDNRSGYRQMTQLIQQGQCDILCCYRLNRLHRN   80
NTDB id 180479 A2I67 RS12620 WP 103211648.1 MKQAMGYLRQSTTKQQSLAAQKQTIKALAEKHNIQHITFYSDKQSGRTDKRNGYQQITELIQQGQCDVLCCYRLNRLHRN   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 180479 A2I67 RS12620 WP 103211648.1 LKNALKLMKLCQKYHVHILSVHDGYFDMDKAFDRLKLNIFISLAELESDNIGEQVKNGLKEKAKQGKLITTHAPFGYHYH  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 180479 A2I67 RS12620 WP 103211648.1 NGTFTIDTVKAPTVKAVFNYYLQGYGYKKIAQYLEADDKFINRKPYQVRNIILNPNYCGRIINQYGQYENMFPAIVSTTI  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 180479 A2I67 RS12620 WP 103211648.1 YEEAQVTRTQKQVKHKPSENQLKQKIKCPYCHSTLTNMTVRKTDHSLRYYVCPQNMNNARFVCEFKGINAQELETSVLAI  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 180479 A2I67 RS12620 WP 103211648.1 CQDFFQNQQLYSKINHTIQQRLKRQRDVETKTTLNHEQLIEKLAQGKIDAETFREQTQSLHQQSKPISSISAYQIRKAFQ  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 180479 A2I67 RS12620 WP 103211648.1 NIIQQRFTLNMLYPYIDEINISKNKTLAGIYFKNEPLNIVNQTTQSSIA   449
NTDB id 1 SACOL RS00225 WP 000806247.1      NIIQQRFTLNMLYPYIDEINISKNKSLAGIYFKNEPLNIVKQTMELSIV   449
consensus                                   !!!!*!!!!!*!!!!!**!*!*!*!*!*!!!!!!!!!!!!!!*!!***!!*
```

X non conserved

X similar

X $\geq$ 50% conserved