```
logo

NTDB id 995009 AAVC22 RS13520 WP 020453119.1  MSVSKMDSKVLDSIIMKMLKTVDGSKDEVFQIGEQSRQQYEGLVEELKQIKQQVNEVIDLGDRLEVHARHARNRLSEVSR   80
NTDB id 130 BSU 35500 NP 391430.1             MNKTKMDSKVLDSILMKMLKTVDGSKDEVFQIGEQSRQQYEQLVEELKQIKQQVYEVIELGDKLEVQTRHARNRLSEVSR   80
consensus                                     !  *!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!! !!!*!!!*!!!* !!!!!!!!!!!!

logo

NTDB id 995009 AAVC22 RS13520 WP 020453119.1  NFHKFSEEEIREAYEKAHKLQVELTMIQQREKQLREKRDDLERRLLGLQEIIERSEGLVSQITVVLNYLNQDLRQVGVLL  160
NTDB id 130 BSU 35500 NP 391430.1             NFHRFSEEEIRNAYEKAHKLQVELTMIQQREKQLRERRDDLERRLLGLQEIIERSESLVSQITVVLNYLNQDLREVGLLL  160
consensus                                     !!!*!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!! !!*!!

logo

NTDB id 995009 AAVC22 RS13520 WP 020453119.1  EDAQAKQDFGLRIIEAQEEERKRVSREIHDGPAQMLANVMMRSELIERIFRDKGTEEGFQEIRNLRQNVRNALYEVRRII  240
NTDB id 130 BSU 35500 NP 391430.1             ADAQAKQDFGLRIIEAQEEERKRVSREIHDGPAQMLANVMMRSELIERIFRDRGAEDGFQEIKNLRQNVRNALYEVRRII  240
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*! !*!!!!!*!!!!!!!!!!!!!!!!!!

logo

NTDB id 995009 AAVC22 RS13520 WP 020453119.1  YDLRPMALDDLGLIPTLRKYLNTIEDYHGKAKIHFQCIGESEDRRIAPRFEVALFRLAQEAVTNALKHSESTEIHVKVEV  320
NTDB id 130 BSU 35500 NP 391430.1             YDLRPMALDDLGLIPTLRKYLYTTEEYNGKVKIHFQCIGETEDQRLAPQFEVALFRLAQEAVSNALKHSESEEITVKVEI  320
consensus                                     !!!!!!!!!!!!!!!!!!!!!! ! !*!*!! !!!!!!!!!*!! !*!! !!!!!!!!!!!!!*!!!!!!!! !!*!!!!*

logo

NTDB id 995009 AAVC22 RS13520 WP 020453119.1  TKDFVTLIIKDNGNGFDLKEVKGKKNKSFGLLGMKERVDLLEGSMTIDSKIGLGTFILIKVPLSL  385
NTDB id 130 BSU 35500 NP 391430.1             TKDFVILMIKDNGKGFDLKEAKEKKNKSFGLLGMKERVDLLEGTMTIDSKIGLGTFIMIKVPLSL  385
consensus                                     !!!!! !*!!!!! !!!!!! ! !!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!
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X non conserved

X similar

X $\geq$ 50% conserved