```
logo

NTDB id 968413 MKY32 RS19560 WP 003185733.1  MSVSKMDSKVLDSIIMKMLKTVDGSKDEVFQIGEQSRQQYEGLVEELKQIKQQVNEVIDLGDRLEVHARHARNRLSEVSR   80
NTDB id 130 BSU 35500 NP 391430.1            MNKTKMDSKVLDSILMKMLKTVDGSKDEVFQIGEQSRQQYEQLVEELKQIKQQVYEVIELGDKLEVQTRHARNRLSEVSR   80
consensus                                    !  *!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!! !!!*!!!*!!!* !!!!!!!!!!!!

logo

NTDB id 968413 MKY32 RS19560 WP 003185733.1  NFHKFSEEEIREAYEKAHKLQVELTMIQQREKQLREKRDDLERRLLGLQEIIERSEGLVSQITVVLNYLNQDLRQVGVLL  160
NTDB id 130 BSU 35500 NP 391430.1            NFHRFSEEEIRNAYEKAHKLQVELTMIQQREKQLRERRDDLERRLLGLQEIIERSESLVSQITVVLNYLNQDLREVGLLL  160
consensus                                    !!!*!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!! !!*!!

logo

NTDB id 968413 MKY32 RS19560 WP 003185733.1  EDAQAKQDFGLRIIEAQEEERKRVSREIHDGPAQMLANVMMRSELIERIFRDKGTEEGFQEIKNLRQNVRNALYEVRRII  240
NTDB id 130 BSU 35500 NP 391430.1            ADAQAKQDFGLRIIEAQEEERKRVSREIHDGPAQMLANVMMRSELIERIFRDRGAEDGFQEIKNLRQNVRNALYEVRRII  240
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 968413 MKY32 RS19560 WP 003185733.1  YDLRPMALDDLGLIPTLRKYLNTIEDYHGKAKIHFQCIGESEERRIAPRFEVALFRLAQEAVTNALKHSESTEIHVKVEV  320
NTDB id 130 BSU 35500 NP 391430.1            YDLRPMALDDLGLIPTLRKYLYTTEEYNGKVKIHFQCIGETEDQRLAPQFEVALFRLAQEAVSNALKHSESEEITVKVEI  320
consensus                                    !!!!!!!!!!!!!!!!!!!!!! !  !*!*!! !!!!!!!!!*!* !*!! !!!!!!!!!!!!!!*!!!!!!!! !!*!!!!*

logo

NTDB id 968413 MKY32 RS19560 WP 003185733.1  TKDFVTLIIKDNGNGFDLKEVKGKKNKSFGLLGMKERVDLLEGSMTIDSKIGLGTFILIKVPLSL  385
NTDB id 130 BSU 35500 NP 391430.1            TKDFVILMIKDNGKGFDLKEAKEKKNKSFGLLGMKERVDLLEGTMTIDSKIGLGTFIMIKVPLSL  385
consensus                                    !!!!! !*!!!!! !!!!!! ! !!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!*!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved