```
logo

NTDB id 1054002 ACEZ45 RS17180 WP 003151385.1  MNKSKMDSKVLDSILMKMLKTVDGSKDEVFQIGEQSRQQYEQLVEELKQIKQQVYEVIELGDKLEVHTRHARNRLSEVSR   80
NTDB id 130 BSU 35500 NP 391430.1              MNKTKMDSKVLDSILMKMLKTVDGSKDEVFQIGEQSRQQYEQLVEELKQIKQQVYEVIELGDKLEVQTRHARNRLSEVSR   80
consensus                                      !!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!

logo

NTDB id 1054002 ACEZ45 RS17180 WP 003151385.1  NFHKFSEEEIRNAYEKAHKLQVELTMIQQREKQLRERRDDLERRLLGLQEIIERSESLVSQITVVLNYLNQDLRQVGLLL  160
NTDB id 130 BSU 35500 NP 391430.1              NFHRFSEEEIRNAYEKAHKLQVELTMIQQREKQLRERRDDLERRLLGLQEIIERSESLVSQITVVLNYLNQDLREVGLLL  160
consensus                                      !!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1054002 ACEZ45 RS17180 WP 003151385.1  ADAQAKQDFGLRIIEAQEEERKRVSREIHDGPAQMLANVMMRSELIERIFRDRGTEDGFQEIRNLRQNVRNALYEVRRII  240
NTDB id 130 BSU 35500 NP 391430.1              ADAQAKQDFGLRIIEAQEEERKRVSREIHDGPAQMLANVMMRSELIERIFRDRGAEDGFQEIKNLRQNVRNALYEVRRII  240
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1054002 ACEZ45 RS17180 WP 003151385.1  YDLRPMALDDLGLIPTLRKYLYTTEEYNGKVKIHFQCIGDTENKRLAPQFEVALFRLAQEAVTNALKHSESEEITVKVEV  320
NTDB id 130 BSU 35500 NP 391430.1              YDLRPMALDDLGLIPTLRKYLYTTEEYNGKVKIHFQCIGETEDQRLAPQFEVALFRLAQEAVSNALKHSESEEITVKVEI  320
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!  !!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!*

logo

NTDB id 1054002 ACEZ45 RS17180 WP 003151385.1  TADFVVLIIKDNGKGFDIKDAKQKKNKSFGLLGMKERVDLLEGTITIDSKIGLGTFIMIKVPLSLGL   387
NTDB id 130 BSU 35500 NP 391430.1              TKDFVILMIKDNGKGFDLKEAKEKKNKSFGLLGMKERVDLLEGTMTIDSKIGLGTFIMIKVPLSL..   385
consensus                                      ! !!!*!*!!!!!!!!!*!*!! !!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!**
```

X non conserved
X similar
X $\geq$ 50% conserved