```
logo

NTDB id 983273 NSU11 RS17125 WP 024719243.1  MTTPKMDPKLLDSIIMKMLSTVDGSKDEVFRIGEQSRQQYESLVEELKQIKQQVNEVIDFGDKLEVHTRHARNRLSEVSR   80
NTDB id 130 BSU 35500 NP 391430.1            MNKTKMDSKVLDSILMKMLKTVDGSKDEVFQIGEQSRQQYEQLVEELKQIKQQVYEVIELGDKLEVQTRHARNRLSEVSR   80
consensus                                    !  *!!!*!*!!!!*!!!! !!!!!!!!!! !!!!!!!!!! !!!!!!!!!!!! !!!* !!!!!!*!!!!!!!!!!!!!!

logo

NTDB id 983273 NSU11 RS17125 WP 024719243.1  NFNKFSEEEIREAYEKAHNLQVELTMIQQREKQLRERRDDLERRLLSLQDVIERSETLVSQITVVLNYLNQDLRQVGVLL  160
NTDB id 130 BSU 35500 NP 391430.1            NFHRFSEEEIRNAYEKAHKLQVELTMIQQREKQLRERRDDLERRLLGLQEIIERSESLVSQITVVLNYLNQDLREVGLLL  160
consensus                                    !!**!!!!!!! !!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!! !!**!!!!!*!!!!!!!!!!!!!!!!!! !!*!!

logo

NTDB id 983273 NSU11 RS17125 WP 024719243.1  EDAQAKQDFGLRIIEAQEEERKRVSREIHDGPAQMLANVMMRSELIERIFRDRGTEEGFKEIRSLRQNVRNALYEVRRII  240
NTDB id 130 BSU 35500 NP 391430.1            ADAQAKQDFGLRIIEAQEEERKRVSREIHDGPAQMLANVMMRSELIERIFRDRGAEDGFQEIKNLRQNVRNALYEVRRII  240
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 983273 NSU11 RS17125 WP 024719243.1  YDLRPMALDDLGLIPTLRKYLNTIEEYDGKTKITFQCLGDTENERIASQFEVALFRLAQEAVTNSLKHSEAEEISVKVEV  320
NTDB id 130 BSU 35500 NP 391430.1            YDLRPMALDDLGLIPTLRKYLYTTEEYNGKVKIHFQCIGETEDQRLAPQFEVALFRLAQEAVSNALKHSESEEITVKVEI  320
consensus                                    !!!!!!!!!!!!!!!!!!!!!! ! !!! !! !!*!!!*!*!!  !*!*!!!!!!!!!!!!!!!*! !!!!! !!!*!!!!*

logo

NTDB id 983273 NSU11 RS17125 WP 024719243.1  TKDFVTLIIKDDGKGFDMKDVKTNKNKSFGLLGMKERVDLLEGTMTIDSKIGLGTFIMIRVPLTLQNKIVK  391
NTDB id 130 BSU 35500 NP 391430.1            TKDFVILMIKDNGKGFDLKEAKEKKNKSFGLLGMKERVDLLEGTMTIDSKIGLGTFIMIKVPLSL......  385
consensus                                    !!!!! !*!!! !!!!!*!* !  !!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!*!!!*!******
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X non conserved

X similar

X $\geq$ 50% conserved