```
logo

NTDB id 1079655 ACKUB0 RS03840 WP 109969651.1  .......MRLFDRFK.........KKDEVILSPDDEAAKKILDKIELHRQYSKGNLRIIRHPFRTLTEKPVNILFASVPL   64
NTDB id 63 F7686 RS01500 WP 066956433.1        MGFKEIIDDFLNRLPGQDRTTGGAAADALVSESFEEREEEIFGRIENWRKYQEGFYRFLKHPLRVMAEEPLTVLFISIPA   80
consensus                                      *******     ! **********  ! **  * *!    !  *!! *! ! ! ! **!! ! * ! !* *!! !*!

logo

NTDB id 1079655 ACKUB0 RS03840 WP 109969651.1  GIIVFIIGFSMAIQKDGIISLLKNSFIDDVIVITLLIILIPLVVLDLRESRRIRSIEIALPNFFRDLAGMHESGMTLQGA  144
NTDB id 63 F7686 RS01500 WP 066956433.1        ALLLFAGGFMSLVLSYGVGVLFSTTMIDDVFVFSLLIAIVPLAILDLKESLRVSSIEASLPNFFRDVAGMNDSGMTLPHA  160
consensus                                      ****!  !!   *   !*  !   * !!!! ! *!!! **!! *!!!*!! !* !!!  !!!!!!!*!!!**!!!!**!

logo

NTDB id 1079655 ACKUB0 RS03840 WP 109969651.1  VHLVSMSEYGALTPHIKQMDQRISWNFPFIDAIRAMGEEIPIPLVRRSVDLIARASEAGGDIVEVLRAAAKDSFEYVTQN  224
NTDB id 63 F7686 RS01500 WP 066956433.1        IHIVSEGEYGALTPHIRKLDTEMSWGVPFVEAIRRFGKAVNTPLTERSVDLIAHASSAGGDVSEVLRAAAHDAYEFFNLK  240
consensus                                      *!*!!  !!!!!!!!!* *!  *!!  !!**!!!  !  ** !!  !!!!!!!*!! !!!!* !!!!!!!*! *!*

logo

NTDB id 1079655 ACKUB0 RS03840 WP 109969651.1  TDRRNNMFIYVIIVLASFGVFLFVMLILVSSFLKTMADLGTTTGASSAPGFNLGGFDLALYIRIFSHGAMFQGFFSGLVA  304
NTDB id 63 F7686 RS01500 WP 066956433.1        MERRNGMMIYMIIIVMSFFVFLFVIGVLSSTFLTTMAEAGTAVAASGSTQTFMGTVDLFLYNRLFCHAALIQGFFSGLGA  320
consensus                                       *!!! ! !!*!!** !! !!!!!* *! !*!! !!!* !!  *!!  *   *!  !! !! !*!*!*!* !!!!!!! !

logo

NTDB id 1079655 ACKUB0 RS03840 WP 109969651.1  GVMGEGRVTAGLKYSVIMLLIAWIVFRVAV   334
NTDB id 63 F7686 RS01500 WP 066956433.1        GVMGEGRVLAGLKYSAIMVLIAWIAFRFFI   350
consensus                                      !!!!!!!! !!!!!! !!*!!!!! !!  *
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X non conserved

X similar

X $\geq$ 50% conserved