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logo
NTDB id 292288 DF184 RS07990 WP 044681130.1  .MKRMKNIALTGIGLLSIAALTACQTKEKT.SDVALTFNSEVTNEGQTIEGGSLKYALVASAPSTGILIDELSQTAVDST   78
NTDB id 463 GPW51 RS08685 WP 012775331.1     MKKTTKLFALAGVTLLSASVLAACGSKQSGAAKQELSFPAEVKQDGTAVADAQLKYAWVSPTTSSGLLIDELTENTTDST   80
consensus                                    * !  !  !! !* !!!   ! !! *!   *   !*!* !! **!  *  * !!!! ! * *!*!*!!!!!*    !!!

logo

NTDB id 292288 DF184 RS07990 WP 044681130.1  FADMVDISMFGYDSARKLDDSGLAKAEFDVDAKTVTVSLTGKDYKWSDGQGFTIDDYIFTIEQLASPDYTGVRADTTYTN  158
NTDB id 463 GPW51 RS08685 WP 012775331.1     FGGMVDISMFGYDGERKLDDSGLAKAEFDVKGKKITVSLTGKDYKWSDGESFTINDYIFTIKSMASKDYTGIRFDDKFLN  160
consensus                                    !* !!!!!!!!!!  !!!!!!!!!!!!!!! *! *!!!!!!!!!!!!!!  !!! !!!!!!  *!!*!!!!*! !  * !

logo

NTDB id 292288 DF184 RS07990 WP 044681130.1  IIGFEEFQAGTASEISGVKKVDDYTVVLSVKDMSPSMMYAGGGVPYLVMPKHIFKDIAVKDWESSEYSRTAKVVGMGPYK  238
NTDB id 463 GPW51 RS08685 WP 012775331.1     IEGMQEFVDGKASDISGIKKVDDYTVELTVKEMSPSMMYAGGDVPAYIQPEHIYKDIPVADWEKSEYSRTAKLVGMGPWK  240
consensus                                    ! !  !!   ! !!*!!!*!!!!!!!! !*!!*!!!!!!!!!! !!   * ! !!*!!!*! !!! !!!!!!!!*!!!!!*!

logo

NTDB id 292288 DF184 RS07990 WP 044681130.1  VKEIVNGESVTYVPNEYYFKGKV.KLDSYRIDIVSPDTIVAEMRAGNYDIADMPTDQYESYKDLSNITLLGSLDGIYNYI  317
NTDB id 463 GPW51 RS08685 WP 012775331.1     IKEIVNGESITYVPNEYFFKGTKPKTSSLKIDIVSPDTIVSEMKAGNYDIAEMPVDQLDSYKDASNLNIVGQLESSYEYI  320
consensus                                    *!!!!!!!!*!!!!!!!*!!!   *!   ! *!!!!!!!!!! !!*!!!!!!!*!! !! *!!!! !!* **! !*   ! !!

logo

NTDB id 292288 DF184 RS07990 WP 044681130.1  GFNLGKYDETSGKNVTNPNAKMNNVKLRQAMGYALDNAVIGEKLYNGLYHPTNSLIISFFGDVHDSELAGYSYDPEKAKK  397
NTDB id 463 GPW51 RS08685 WP 012775331.1     SFNFGKYDEAAGKNVMDENAKMNDVKLRQAIAYAIDTKTAGKSLYNGLYHPAKSLIISFFGDIHDSELEGYSYNPEKAKK  400
consensus                                     !! !!!!!  !!!!  *!!!!! !!!!!!**!*!    !  !!!!!!!!  !!!!!!!!!*!!!!! !!!! !!!!!!

logo

NTDB id 292288 DF184 RS07990 WP 044681130.1  LLDEAGYKDVDGDGMREDAAGKPLTISVAAQKSTETQETMVQQYLTWWKEYGLNVELYTGRTIEYNTFYESIAANDEGID  477
NTDB id 463 GPW51 RS08685 WP 012775331.1     LLDEAGYKDVDGDGIREGKDGKAFKITFAARKRTEANEALVQQYIAWWKEVGLNVELYTGRTVEGKSFYNSVQANDAAID  480
consensus                                    !!!!!!!!!!!!!!*!!   !!*  !* !! ! !! *! *!!!!* !!!!*!!!!!!!!!!!*!   *!! !* !!! *!!

logo

NTDB id 292288 DF184 RS07990 WP 044681130.1  VYLAAWIAGLDPDPTSLWGPEAMYNYTRFVSDKNTALLNKITSAESFDEQKNIENYKAWQEYAFEQAFAIPTFERESITA  557
NTDB id 463 GPW51 RS08685 WP 012775331.1     MYAGGWSTGYDPNPSGLWGPIAAFNMSRFVSDENTKLLEAISSAESFDDKKNVENYKAWQKYAHEQAFAIPTFESEKITA  560
consensus                                    *! **!  ! !! !* !!!! ! *! *!!!!! !! !!  !*!!!!!!* !!*!!!!!!! !!*!!!!!!!!!! ! !!!
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logo

NTDB id 292288 DF184 RS07990 WP 044681130.1   VNKRVKYYDVYIGSDSKSGH..ENLELTAEKGIAAE   591
NTDB id 463 GPW51 RS08685 WP 012775331.1      VNKRVKSYDTKYGSASGTGLAYEGIELTADKGVVAE   596
consensus                                     !!!!!! !!   !! ! *!***! *!!!!*!!* !!
```

X non conserved

X similar

X $\geq$ 50% conserved