```
logo
NTDB id 63316 T15 RS08840 WP 024383827.1  .MKRMKNIALTGIGLLSIATLTACQTKEKT.SDVALTFNSEVTHEGQTIEGGSLKYALVASAPSTGILIDELSQTAVDSTFADMV   83
NTDB id 463 GPW51 RS08685 WP 012775331.1  MKKTTKLFALAGVTLLSASVLAACGSKQSGAAKQELSFPAEVKQDGTAVADAQLKYAWVSPTTSSGLLIDELTENTTDSTFGGMV   85
consensus                                 * !  !  !! !* !!!   ! !! *!   *    !*!* !! **!  *  * !!!! ! * *!*!*!!!!!*    !!!!* !!

logo
NTDB id 63316 T15 RS08840 WP 024383827.1  DISMFGYDSARKLDDSGLAKAEFDVDAKTVTVSLTGKDYKWSDGQAFTIDDYIFTIEQLASPYYTGVRADTTYTNIIGFEEFQAG  168
NTDB id 463 GPW51 RS08685 WP 012775331.1  DISMFGYDGERKLDDSGLAKAEFDVKGKKITVSLTGKDYKWSDGESFTINDYIFTIKSMASKDYTGIRFDDKFLNIEGMQEFVDG  170
consensus                                 !!!!!!!!  !!!!!!!!!!!!!!! *!  *!!!!!!!!!!!!!!  !!!  !!!!!!  *!!* !!!*! !  * !! !  !!  !

logo
NTDB id 63316 T15 RS08840 WP 024383827.1  TASEISGVKKVDDYTVVLSVKDMSPSMMYAGGGVPYLVMPKHIFKDIAVKDWESSEYSRTAKVVGMGPYKVKEIVNGESVTYVPN  253
NTDB id 463 GPW51 RS08685 WP 012775331.1  KASDISGIKKVDDYTVELTVKEMSPSMMYAGGDVPAYIQPEHIYKDIPVADWEKSEYSRTAKLVGMGPWKIKEIVNGESITYVPN  255
consensus                                  !!*!!!*!!!!!!!! !*!!*!!!!!!!!!! !!  * ! !!*!!!*! !!!  !!!!!!!!*!!!!!*!*!!!!!!!!*!!!!!

logo
NTDB id 63316 T15 RS08840 WP 024383827.1  EYYFKGKV.KLDSYRIDIVSPDTIVAEMRAGNYDIADMPTDQYESYKDLSNITLLGSLDGIYNYIGFNLGKYDDASGKNVTNPNA  337
NTDB id 463 GPW51 RS08685 WP 012775331.1  EYFFKGTKPKTSSLKIDIVSPDTIVSEMKAGNYDIAEMPVDQLDSYKDASNLNIVGQLESSYEYISFNFGKYDEAAGKNVMDENA  340
consensus                                 !!*!!!  *!  ! *!!!!!!!!!! !!*!!!!!!!*!! !! *!!!! !!* **! !*  ! !! !! !!!!*! !!!!  *!!

logo
NTDB id 63316 T15 RS08840 WP 024383827.1  KMNNVKLRQAMGYALDNAVIGEKLYNGLYHPTNSLIISFFGDVHDSELAGYSYDPEKAKKLLDEAGYKDVDGDGMREDADGKPLT  422
NTDB id 463 GPW51 RS08685 WP 012775331.1  KMNDVKLRQAIAYAIDTKTAGKSLYNGLYHPAKSLIISFFGDIHDSELEGYSYNPEKAKKLLDEAGYKDVDGDGIREGKDGKAFK  425
consensus                                 !!!  !!!!!!**!!*!    !  !!!!!!!!  !!!!!!!!!*!!!!! !!!! !!!!!!!!!!!!!!!!!!!!!*!!  !!!*

logo
NTDB id 63316 T15 RS08840 WP 024383827.1  ISVAAQKSTETQETMVQQYLTWWKEIGLNVELYTGRTIEYNTFYESIAANDEGIDVYLAAWIAGLDPDPTSLWGPEAMYNYTRFV  507
NTDB id 463 GPW51 RS08685 WP 012775331.1  ITFAARKRTEANEALVQQYIAWWKEVGLNVELYTGRTVEGKSFYNSVQANDAAIDMYAGGWSTGYDPNPSGLWGPIAAFNMSRFV  510
consensus                                 !* !! !  !! *! *!!!!* !!!!*!!!!!!!!!!!*!   *!! !* !!! *!!*! **!  ! !! !* !!!! ! *! *!!!

logo
NTDB id 63316 T15 RS08840 WP 024383827.1  SDENTALLNKITSAESFDEQKNIENYKAWQEYAFEQAFAIPTFERESITAVNKRVKYYDVYIGSDSKSGH..ENLELTAEKGIAA  590
NTDB id 463 GPW51 RS08685 WP 012775331.1  SDENTKLLEAISSAESFDDKKNVENYKAWQKYAHEQAFAIPTFESEKITAVNKRVKSYDTKYGSASGTGLAYEGIELTADKGVVA  595
consensus                                 !!!!! !!  !*!!!!!!* !!*!!!!!!! !!*!!!!!!!!!! ! !!!!!!!!! !!   !! ! *!***! *!!!!*!!* !
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logo

NTDB id 63316 T15 RS08840 WP 024383827.1  E   591
NTDB id 463 GPW51 RS08685 WP 012775331.1  E   596
consensus                                 !
```

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