```
logo

NTDB id 1029761 AB6A33 RS05655 WP 007610578.1  MITRLVMIFSLLLLLSGCAQTPFKGKIEKVGMLFPDTISDLVWGTKGYKGLLAIQSEFNVDVYYKENIRSDEDILKAIDD   80
NTDB id 94 BSU 11300 NP 389012.2               MITRLVMIFSVLLLLSGCGQTPFKGKIEKVGMLFPDTINDLVWGTKGYKGLLNIQSKYNVDVYYKEGVKTEEDIINAIED   80
consensus                                      !!!!!!!!!!*!!!!!!!*!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!! !!! *!!!!!!!! ****!!!* !!*!

logo

NTDB id 1029761 AB6A33 RS05655 WP 007610578.1  FHKKGVNLLYGHGNEYEEIFNMISKDYPDMEFVVANGTAKSDNVTSVHLMGEAMGFFGGMTAAHMSKTNEVGVIASFLWQ  160
NTDB id 94 BSU 11300 NP 389012.2               FHKRGVNLLYGHGSEYAEVFNLVGEDYPDMEFVISNAKAKADNVTSVHFSGEAMGFFGGMTAAHMSKTNQVGVIASFTWQ  160
consensus                                      !!!*!!!!!!!!! !! !*!!**  !!!!!!!!* !* !! !!!!!!!  !!!!!!!!!!!!!!!!!!! !!!!!!! !!

logo

NTDB id 1029761 AB6A33 RS05655 WP 007610578.1  PEVDGFIKGAKYEKPDITVNTEFTDHWDNGNEALHLYEKLKAEGTDVVYPAGDGYNVPVIQQIKKDGLYAIGYVAEQSNL  240
NTDB id 94 BSU 11300 NP 389012.2               PEVDGFIKGAKYENPDIEVNTKYTDHWDDDTTAVKLYQKMKNEGADVVYPAGDGYNVPVIQQIKKDGLYAIGYVTDQSDL  240
consensus                                      !!!!!!!!!!!!! !!! !!! *!!!!!    !**!! !*! !! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!! *!! !

logo

NTDB id 1029761 AB6A33 RS05655 WP 007610578.1  GKNTVLTSTVQNVDKAYTLIAEQYNKGTLKSGDHNFDFREGVVEMGTFSPLVDKAFQDKISDLVKTYNRTNELPSNE  317
NTDB id 94 BSU 11300 NP 389012.2               GENTVLTSTVQNVDKAYEIIAEQFNKGTLEGGDHYYDLNTGVVEMGTFSPLVDQDFQQRIAKLIKTYNKTGELPKNE  317
consensus                                      ! !!!!!!!!!!!!!!! *!!!!*!!!!!  !!! *!   !!!!!!!!!!!!! !! *!  !*!!!!*! !!! !!
```

X non conserved

X similar

X $\geq$ 50% conserved