```
logo

NTDB id 299099 DOU34 RS04295 WP 007409125.1  MITRLVMIFSVLLLLSGCAQTPFKGKIEKVGMLFPDTISDLVWGTKGYKGLLAIQSEFNVDVYYKENIRSDEDILKAIDD   80
NTDB id 94 BSU 11300 NP 389012.2             MITRLVMIFSVLLLLSGCGQTPFKGKIEKVGMLFPDTINDLVWGTKGYKGLLNIQSKYNVDVYYKEGVKTEEDIINAIED   80
consensus                                    !!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!! !!!  *!!!!!!!! ****!!!* !!*!

logo

NTDB id 299099 DOU34 RS04295 WP 007409125.1  FHKKGVNLLYGHGNEYEEIFNMISKDYPDMEFVVANGTAKSDNVTSVHLMGEAMGFFGGMTAAHMSKTNEVGVIASFLWQ  160
NTDB id 94 BSU 11300 NP 389012.2             FHKRGVNLLYGHGSEYAEVFNLVGEDYPDMEFVISNAKAKADNVTSVHFSGEAMGFFGGMTAAHMSKTNQVGVIASFTWQ  160
consensus                                    !!!*!!!!!!!!! !! !*!!**  !!!!!!!!* !* !! !!!!!!!  !!!!!!!!!!!!!!!!!!!! !!!!!!! !!

logo

NTDB id 299099 DOU34 RS04295 WP 007409125.1  PEVDGFIKGAKYEKPDITVNTEFTDHWDNGNEALHLYEKLKAEGTDVVYPAGDGYNVPVIQQIKKDGLYAIGYVAEQSNL  240
NTDB id 94 BSU 11300 NP 389012.2             PEVDGFIKGAKYENPDIEVNTKYTDHWDDDTTAVKLYQKMKNEGADVVYPAGDGYNVPVIQQIKKDGLYAIGYVTDQSDL  240
consensus                                    !!!!!!!!!!!!! !!! !!!  *!!!!!    !**!! !*! !! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! *!! !

logo

NTDB id 299099 DOU34 RS04295 WP 007409125.1  GKNTVLTSTVQNVDKAYTLIAEQYNKGTLKSGDHNFDFREGVVEMGTFSPLVDKAFQDKISDLVKTYNRTNELPSNE   317
NTDB id 94 BSU 11300 NP 389012.2             GENTVLTSTVQNVDKAYEIIAEQFNKGTLEGGDHYYDLNTGVVEMGTFSPLVDQDFQQRIAKLIKTYNKTGELPKNE   317
consensus                                    ! !!!!!!!!!!!!!!! *!!!!*!!!!!  !!! *!   !!!!!!!!!!!!!  !! *!  !*!!!!*! !!! !!
```

X non conserved

X similar

X $\geq$ 50% conserved