```
logo

NTDB id 668685 MRS49 RS15125 WP 007610578.1  MITRLVMIFSLLLLLSGCAQTPFKGKIEKVGMLFPDTISDLVWGTKGYKGLLAIQSEFNVDVYYKENIRSDEDILKAIDD   80
NTDB id 94 BSU 11300 NP 389012.2             MITRLVMIFSVLLLLSGCGQTPFKGKIEKVGMLFPDTINDLVWGTKGYKGLLNIQSKYNVDVYYKEGVKTEEDIINAIED   80
consensus                                    !!!!!!!!!!*!!!!!!!*!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!! !!!  *!!!!!!!! ****!!!* !!*!

logo

NTDB id 668685 MRS49 RS15125 WP 007610578.1  FHKKGVNLLYGHGNEYEEIFNMISKDYPDMEFVVANGTAKSDNVTSVHLMGEAMGFFGGMTAAHMSKTNEVGVIASFLWQ  160
NTDB id 94 BSU 11300 NP 389012.2             FHKRGVNLLYGHGSEYAEVFNLVGEDYPDMEFVISNAKAKADNVTSVHFSGEAMGFFGGMTAAHMSKTNQVGVIASFTWQ  160
consensus                                    !!!*!!!!!!!!! !! !*!!**  !!!!!!!!* !* !! !!!!!!!  !!!!!!!!!!!!!!!!!!! !!!!!!! !!

logo

NTDB id 668685 MRS49 RS15125 WP 007610578.1  PEVDGFIKGAKYEKPDITVNTEFTDHWDNGNEALHLYEKLKAEGTDVVYPAGDGYNVPVIQQIKKDGLYAIGYVAEQSNL  240
NTDB id 94 BSU 11300 NP 389012.2             PEVDGFIKGAKYENPDIEVNTKYTDHWDDDTTAVKLYQKMKNEGADVVYPAGDGYNVPVIQQIKKDGLYAIGYVTDQSDL  240
consensus                                    !!!!!!!!!!!!! !!! !!!  *!!!!!    !**!! !*! !! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! *!! !

logo

NTDB id 668685 MRS49 RS15125 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