```
logo

NTDB id 51226 MUS RS05605 WP 014417407.1  MITRLVMTFSVLLLLSGCAQTPFKGKIEKVGMLFPDTISDLVWGTKGYKGLLAIQSEFNVDVYYKENIRSDEDILKAIDDFHKKG   85
NTDB id 94 BSU 11300 NP 389012.2          MITRLVMIFSVLLLLSGCGQTPFKGKIEKVGMLFPDTINDLVWGTKGYKGLLNIQSKYNVDVYYKEGVKTEEDIINAIEDFHKRG   85
consensus                                 !!!!!!! !!!!!!!!!!*!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!! !!! *!!!!!!!! ****!!!* !!*!!!!*!

logo

NTDB id 51226 MUS RS05605 WP 014417407.1  VNLLYGHGNEYEEIFNMISKDYPDMEFVVANGTAKSDNVTSVHLMGEAMGFFGGMTAAHMSKNNEVGVIASFLWQPEVDGFIKGA   170
NTDB id 94 BSU 11300 NP 389012.2          VNLLYGHGSEYAEVFNLVGEDYPDMEFVISNAKAKADNVTSVHFSGEAMGFFGGMTAAHMSKTNQVGVIASFTWQPEVDGFIKGA   170
consensus                                 !!!!!!!! !! !*!!**  !!!!!!!!* !* !! !!!!!!!  !!!!!!!!!!!!!!!!!! ! !!!!!!! !!!!!!!!!!!!

logo

NTDB id 51226 MUS RS05605 WP 014417407.1  KYEKPDITVNTEFTDHWDNGNEALHLYEKLKAEGTDVVYPAGDGYNVPVIQQIKKDGLYAIGYVAEQSNLGKNTVLTSTVQNVDK   255
NTDB id 94 BSU 11300 NP 389012.2          KYENPDIEVNTKYTDHWDDDTTAVKLYQKMKNEGADVVYPAGDGYNVPVIQQIKKDGLYAIGYVTDQSDLGENTVLTSTVQNVDK   255
consensus                                 !!! !!! !!! *!!!!!    !**!! !*! !! !!!!!!!!!!!!!!!!!!!!!!!!!!!!! *!! !! !!!!!!!!!!!!!

logo

NTDB id 51226 MUS RS05605 WP 014417407.1  AYTLIAEQYNKGTLKSGDHNFDFREGVVEMGTFSPLVDKAFQDKISDLVKTYNRTNELPSNE   317
NTDB id 94 BSU 11300 NP 389012.2          AYEIIAEQFNKGTLEGGDHYYDLNTGVVEMGTFSPLVDQDFQQRIAKLIKTYNKTGELPKNE   317
consensus                                 !! *!!!!*!!!!!  !!! *!   !!!!!!!!!!!!!  !! *!  !*!!!!*! !!! !!
```

X non conserved

X similar

X $\geq$ 50% conserved