```
logo

NTDB id 39127 SII RS08105 WP 020999161.1  MKKLGFVTVLFLAVIGLFACAGQKGTSTKNSKLNVVATNSIIADITKNIAGDKINLHSIVPVGKDPHEYEPLPEDVKKTSKADLI   85
NTDB id 439 SPR RS07420 WP 000733056.1    MKKLGTLLVLFLSAIILVACASGKKDTTSGQKLKVVATNSIIADITKNIAGDKIDLHSIVPIGQDPHEYEPLPEDVKKTSEADLI   85
consensus                                 !!!!! * !!!!  ! ! !!!  !  *!   !! !!!!!!!!!!!!!!!!!!!! !!!!!!*! !!!!!!!!!!!!!!!! !!!!

logo

NTDB id 39127 SII RS08105 WP 020999161.1  FYNGINLETGGNAWFTKLVKNAKKTENKDYYAVSDGVDVIYLEGQNEKGKEDPHAWLNLENGIIYAKNIAKRLIEKDPKNKETYE  170
NTDB id 439 SPR RS07420 WP 000733056.1    FYNGINLETGGNAWFTKLVENAKKTENKDYFAVSDGVDVIYLEGQNEKGKEDPHAWLNLENGIIFAKNIAKQLSAKDPNNKEFYE  170
consensus                                 !!!!!!!!!!!!!!!!!!! !!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!! !  !!! !!! !!

logo

NTDB id 39127 SII RS08105 WP 020999161.1  KNLKAYTAKLESLDKEAKAKFKNIPTEKKMIVTSEGCFKYFSKAYGVPSAYIWEINTEEEGTPDQIKTLVEKLRKTKVPSLFVES  255
NTDB id 439 SPR RS07420 WP 000733056.1    KNLKEYTDKLDKLDKESKDKFNKIPAEKKLIVTSEGAFKYFSKAYGVPSAYIWEINTEEEGTPEQIKTLVEKLRQTKVPSLFVES  255
consensus                                 !!!! !! !!* !!!! ! !!  !! !!!*!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!! !!!!!!!!!!

logo

NTDB id 39127 SII RS08105 WP 020999161.1  SVDERPMKTVSKDTKIPIYAKIFTDSIAEKGKKGDSYYDMMKWNLDKIAEGLSK  309
NTDB id 439 SPR RS07420 WP 000733056.1    SVDDRPMKTVSQDTNIPIYAQIFTDSIAEQGKEGDSYYSMMKYNLDKIAEGLAK  309
consensus                                 !!!*!!!!!!! !! !!!!! !!!!!!!! !! !!!!! !!!*!!!!!!!!! !
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X non conserved

X similar

X $\geq$ 50% conserved