```
logo
NTDB id 105592 R8953 RS01585 WP 317727612.1   MKLYELEILKDKTKQKKHLRARNLNEAQAKAIAKKWEILNIKEMQKAGFKRLDNEKFILFFQELSLLCEVGISIKDALNE   80
NTDB id 1228 CJJ81176 RS07045 WP 002869197.1  MKFYEVEFLKNNQNYTKTIKAENLNTAQAKALSKNWKIIDIKEIQKSNFQRLKDENFILFFKELALLCEVGLSVQEAIRE   80
consensus                                     !! !!*! !!      !***! !!! !!!!!* ! ! !* !!!*!! ! !! ! !!!!! !! !!!!!!*!* *!* !

logo
NTDB id 105592 R8953 RS01585 WP 317727612.1   LNKIYSHKMITKLCDNLNLGQNLSLAFENANFGLTHAELALIKTSQNTGKLSEIFMQISRLRQNNVENEQRVKKALRYPL   160
NTDB id 1228 CJJ81176 RS07045 WP 002869197.1  LYFMHSCKIMKKILDNLILAQNLNQAFENANFGLNRAELALIKTAEKTGKISEVFSQISKLREKSLESQKQLKKAFRYPT   160
consensus                                     !  **! !** !**!!! !*!!!  !!!!!!!!! *!!!!!!!!   !!!*!!*! !!!*!!   *!    *!!! !!!

logo
NTDB id 105592 R8953 RS01585 WP 317727612.1   IVFLSVCAAFVLLMLFVVPNFKDLFEDLNLTLPFITELIIYIYNFLDNYILLVFCLTALILFLALFLYRKYYFFSYFCDS   240
NTDB id 1228 CJJ81176 RS07045 WP 002869197.1  LVFLSIIGAFLFLMLFVVPNFKDLFENLGVSLPFITHVMLEIYNFLDDYGIFCIFLFVIFIVMLILAYKNFHSFAFSCDF   240
consensus                                     *!!!!***!!* !!!!!!!!!!!!!! ! **!!!!!**** !!!!!! ! * * *!  * * * *  !* ** ! * !!

logo
NTDB id 105592 R8953 RS01585 WP 317727612.1   LLLKIPLLSKFIIYQQNYSFFMIFSLLLKSGISLLDAFNLATLALNNKKILLYYQEIKTFMDSGLEISYAFKKVDLFDPL   320
NTDB id 1228 CJJ81176 RS07045 WP 002869197.1  LFLKVPLISRLIIYNQNYYFFMVFSLLLKNGISISKAFDLAIIGLENKFLIFQYKKLFSFIDSGLELSQAFKKIDIFDSL   320
consensus                                     ! !!*!!*!* !!!*!!! !!!*!!!!!! !!!*  !! !! **! !! **  !  * *!*!!!!!*! !!!!*!*!!*!

logo
NTDB id 105592 R8953 RS01585 WP 317727612.1   VFSMLSIAMKSSKLEFLSEEIAKYYKNKSENLMDKFLSFLEPVMTLWVAILVLFLALGIFLPIWELSSGVNF   392
NTDB id 1228 CJJ81176 RS07045 WP 002869197.1  VFSMLSVAMKSGRLEVLSEEIAKYYQQKSENLMDRFLVFLEPMMTLFVAFLVLFLALGIFLPMWELSSGVNF   392
consensus                                     !!!!!!*!!!! *!! !!!!!!!!! *!!!!!!!*!! !!!!*!!!*!! !!!!!!!!!!!!*!!!!!!!!!
```

X non conserved

X similar

X ≥ 50% conserved