```
logo
NTDB id 544 H702 RS02380 WP 039696235.1       MIEIVVFIITMLLNFVGFVIVGILFQQITKVKLTFLEWVLIIIFLQAVSFFMNPQKYSMVAL..VLMKD...ISVIFCLL   75
NTDB id 406240 GO596 RS04000 WP 157339242.1   MLNNLIVFFGFIVNLIGFILLGILFQQITKYKLSLKEWIFFLLEIEVLLPIVNGILLSALNINPYLVKESTIYLVALYFI   80
NTDB id 543 H702 RS02375 WP 160172984.1       ..................................................................................   0
consensus                                     **  **     *** ************** ***  ***  ** *  *   **    * * *   ****     *    *

logo
NTDB id 544 H702 RS02380 WP 039696235.1       SVSFHHNPKIGIRYHIFYALYPINLYMILHEVYCYIIFAIFSIQLTSLTMTSPSVGKMIGMITAVIIPPIFYYLISKWLN   155
NTDB id 406240 GO596 RS04000 WP 157339242.1   VISYKRDSKIGFRYHFFYGLYPIAFYIILHNSFFIICQSIFSIKID...LTNPSLI....VVLSGIEPFVVYYLVSQWLN   153
NTDB id 543 H702 RS02375 WP 160172984.1       ..................................................................MYYLVSRWLN   10
consensus                                      ***    *** *** *******  *****  *  *   **** *    ** ***     **   * * **!!!*!*!!!

logo
NTDB id 544 H702 RS02380 WP 039696235.1       IDISNVRKTLKNYLSARALRFVNVLLLLFYPGMECFGAIAPFEKMSMNRNIYRAVIFIYFILLFIFLFYLNFRHGQEQKN   235
NTDB id 406240 GO596 RS04000 WP 157339242.1   IDISNVSQSLKKYIKPKIFKIINTLMVFYFLLVDALGVLKPFHNAD.NNTIKAIIAFVYFVLLFAFLFYLNFRHGQEQKN   232
NTDB id 543 H702 RS02375 WP 160172984.1       IDISNVSQSLKKHIEPKIFNIINILMVSYFLFMDAIAIVKPFHNAD.NDAIRGIVAFIYLILLFVFLFYLNFRHGQEQKN   89
consensus                                     !!!!!!***!!*** *******!*!** *** ********!!**** !  !*****!*!**!!!*!!!!!!!!!!!!!!!

logo
NTDB id 544 H702 RS02380 WP 039696235.1       ELLRNQEMELAALENYSKHVESLYQEVRSFRHDYANILMSLKVGIDQGNLDDIKKIYDEITADSTKLVKNNKFDLTRLAN   315
NTDB id 406240 GO596 RS04000 WP 157339242.1   ELLRNQEMELAALENYSKHVESLYQEVRSFRHDYANVLMSLKVGIDQGDLDNIKKIYEEITADSAKLVKNNKFDLTRLAN   312
NTDB id 543 H702 RS02375 WP 160172984.1       ELLRNQEMELAALANYSKHVESLYEEVRSFRHDYANVLMSLKMGIDQGNLDDIKKIYDEITADSTKLVKNNKFDLTRLAN   169
consensus                                     !!!!!!!!!!!!!!*!!!!!!!!!!!*!!!!!!!!!!!!*!!!!!*!!!!!*!!*!!!!!*!!!!!!*!!!!!!!!!!!!!!!

logo
NTDB id 544 H702 RS02380 WP 039696235.1       ITDSGVKSLMSAKFLQAENQGITISLEVAEEMGTPKIPLISYIRILSILFDNAIEAALESAEPRISVANFYQDDEFVFMI   395
NTDB id 406240 GO596 RS04000 WP 157339242.1   ISDSAVKSLMSAKFLEAENRGIEISLEVSEPMKNPKIPLISYIRILSILFDNAIEAALESENPKIAVANFYQDGDFVFII   392
NTDB id 543 H702 RS02375 WP 160172984.1       ITDSGVKSLMSAKFLHAENQGIENSLEVSEKMGTPSIPLISYIRILSILFDNAIEGALESAEPKISVANFYQDGDFVFMI   249
consensus                                     !*!!*!!!!!!!!!! !!!*!!**!!!!*! !**!*!!!!!!!!!!!!!!!!!!!!!*!!!!**!*!*!!!!!!!**!!!*!

logo
NTDB id 544 H702 RS02380 WP 039696235.1       ENSTKEKSVDLGKIFERGYSTKGDNRGLGLATLMDFQDDYENLSVETRSLDYKFTQVVRIYEA...   458
NTDB id 406240 GO596 RS04000 WP 157339242.1   ENSTKEKSVDLSKIFQRGYSTKGENRGLGLATLVDFQDDYENLSVGTSSFDYKFTQVVRVYEGEN.   457
NTDB id 543 H702 RS02375 WP 160172984.1       ENSSKEKSVDLGKIFERGYSTRGENRGLGLATLMDFQDDYENLSVETHSSDYTFTQVVRIYEGDSR   315
consensus                                     !!!*!!!!!!!*!!!!*!!!!!*!*!!!!!!!!!*!!!!!!!!!!!!!*! !  !!*!!!!!!*!!**
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X non conserved

X similar

X ≥ 50% conserved