```
logo
NTDB id 544 H702 RS02380 WP 039696235.1      MIEIVVFIITMLLNFVGFVIVGILFQQITKVKLTFLEWVLIIIFLQAVSFFMNPQKYSMVA..LVLMKD...ISVIFCLL   75
NTDB id 406277 GPA00 RS02035 WP 157327331.1 MLGNLTLFFAFIVNFISFVLLGLLFQQITKYKLSLKEWIFFLFEVEVLLPIVNGIFLSTLNLNPYLVKEVTIYLVVLYLI   80
NTDB id 543 H702 RS02375 WP 160172984.1     ..................................................................................   0
consensus                                   **  *      ***** ************* ***  ***  *  *  *   **    * *     ****     **  **

logo
NTDB id 544 H702 RS02380 WP 039696235.1      SVSFHHNPKIGIRYHIFYALYPINLYMILHEVYCYIIFAIFSIQLTSLTMTSPSVGKMIGMITAVIIPPIFYYLISKWLN  155
NTDB id 406277 GPA00 RS02035 WP 157327331.1 ISYKRDSKIEFRYHFFYGLYPIAFYIVLHNSFFIICQSIFSIKIN...LTNPSLV....VVLSGAEPFIVYYLVSRWLN  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 406277 GPA00 RS02035 WP 157327331.1 IDISNVSQSLKKHIEPKIFNIINILMVSYFLFMDAIAIVKPFHNAD.NDAIRGIVAFIYLILLFVFLFYLNFRHGQEQKN  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 406277 GPA00 RS02035 WP 157327331.1 ELLRNQEMELAALENYSKHVESLYQEVRSFRHDYANVLMSLKVGIDQGNLDDIKKIYDEITADSTKLVKNNKFDLTRLAN  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 406277 GPA00 RS02035 WP 157327331.1 ITDSGVKSLMSAKFLQAENQGIAISLEVAEEMGTPKIPLISYIRILSILFDNAIEGALESENPKIAVANFYQDGDFVLII  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 406277 GPA00 RS02035 WP 157327331.1 ENSTREKSVDLSKIFQRGYSTKGENRGLGLATLVDFQDDYENLSVETSSLDYKFTQVVRVYEGEN.   457
NTDB id 543 H702 RS02375 WP 160172984.1     ENSSKEKSVDLGKIFERGYSTRGENRGLGLATLMDFQDDYENLSVETHSSDYTFTQVVRIYEGDSR   315
consensus                                   !!!**!!!!!!*!!!!*!!!!!*!*!!!!!!!!!*!!!!!!!!!!!!!! !*!!*!!!!!!*!!**
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X non conserved

X similar

X ≥ 50% conserved