```
.....MQPGSSRCEEETPSLLWGLDPVFLAFAKLYIRDILDMKE...............SRQVPGVFLYNGHPIKQVDVLGTVIGVRER....DAFYSYGVDDSTGVINCICWKK.LNTE    95
.....MQPAS...LEETPSLLWGLDPIFLAFAKLYIKDILELKE...............SQQVPGIFFYRGHPIKQVDVLGTVVFVREK....ENFYSYGVDDSTGVISCTCWKS.TAPT    92
MEHHVLGYETSKHGSRYPVFLTQLLPTSKWYGKATSLTIRSIYKNLETSRKWNTEYLIYNSSIRDIFLYLNHPITSIKICGLVVGWKWKLIGNEDRAFWYIDDCSDTILCQCSKSQLLAL   120
  *** **   ***!***!**!*! ****!*** *!* **            *  *****!*! *!!!******!*!******  * ******!!!****! ! !*!* *

SVSAAPSAARELSLTS.....................QLKKLQETIEQKTKIEIGDTIRVRGSIRTYREEREIHATTYYKVDDPVWNIQIARMLELPTIYRKVYDQPFHS..SALEKE.   190
EVSSPGTSARHVSSSSKD..................LDVMMRELYKEESKKAKLDIGDTIRVRGSIKVFRDQREIVASVFYKVEDPKLDIQMARMFDLPYMYRNVYDKPFAI..PEHLKDS   193
NCPLVDMSGWTLILTGLLDQERVEFKVTQIEVVKNLKHEIDFWSEAFDNQKELAIPWEIDPESLNEFYRGKQHTPSKSNSNLGNYIEQLQTIHFQENELLLASPYNGHVSTGMGVWNSDL   240
 **   *** *****            *      * *  * ** !***!**   *! *** ** ***** *! *** *** ** *!* **           ** 

.EALSNPGALDLPSLTSLLS.........EKAKEFLMENRVQSFYQQELEMVESLLSLANQPVIHSASSDQVNFKKDTSKAIHSIFKNAIQLLQEKGLVFQKDDGFDNLYYVTREDKDL   300
SAGQTDHHIVTQSHLIMLLS.........EKVKVFLMENKIHNFYQRELESVDSLIAIASRPVSDFKT...IESMESSNSKQIRSIFKEAIQLLLKEGYIFQKDQNRE.VYQVTDQDKDL   300
LQSTLEQDLIEQSRLDKTLGGQISPNSRKRSSKLSPKQMKREILGVLIEKSMESKVCKIYEPLLSINLGPGGEATDLKTEPVLHLKFYETFLAQLAEMAIITLDSFTINMTNLHNCYRYI   360
      **  !   *!*     ** ! ****** ***  * *******!*      *    ! !*      *   *** ****!*!****** ** ****!   * ** ****

HRKIHRIIQQDCQKPNHMEKGCHFLHILACARLSIRPGLSEAVLQQVLELLEDQSDIVSTMEHYYTAF.......   368
HKLTLNIIKEDCRRQKHAEKGCHFLHILTCVRLSVGSSVSEAVLRRVIDTLEGNSDIVSTMENYYTAF.......   368
ITRFQSLINVQIPQITIKYSEIRNFCKLPLLSKKLILQMCKHFLNTTHIGNLIDWWVDPTSEERYKVFFTYSKSK   435
 *    *!  **    * **********! * ***    ****!  *   **  *****!*! *!**!*
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☒ non conserved
☒ ≥ 50% conserved