```
logo
NTDB id 1064486 ACHEXK RS01010 WP 416547396.1  MKPGLSLRMSQHLALTPQLQQSIRLLQLSTLELSQEVDQMLDENPFLERSEEEAAAEA.FGLPQSDTHVSLGDRVSESAS   79
NTDB id 1425 RS RS02020 WP 011000369.1         MKGSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNA......LQSSSA   74
consensus                                      !!* ! !!*!!!!!!!!!!!!!!!!!!!!!*!! !!!*! ! !!! !!!  !     !* ! * !  ********  !

logo
NTDB id 1064486 ACHEXK RS01010 WP 416547396.1  TSSSSEDGPSETRDEAVTDV.AESWDG..DGSVDMRPDDSEWGGDAGPRQSNG.EETADAIDLARSSGSLTDFLHRQALS  155
NTDB id 1425 RS RS02020 WP 011000369.1         TPLPTESPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAP  154
consensus                                      !* **! *!*      * ! *  !** **!   !  ** !*!  !  *! ** *!*   ** !    **  *!!* !  *

logo
NTDB id 1064486 ACHEXK RS01010 WP 416547396.1  LRLSEVDSAALRFLIESLNDDGYLTESLPELAASLAGSDDHEQIDELVHRFTVALGLLQSLEPVGVGARDLAECLRIQIK  235
NTDB id 1425 RS RS02020 WP 011000369.1         LKLSPRDKGLVIFLIESLDDEGYLTGSLDEILADLPAEL.....EVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQ  229
consensus                                      !*!!* ! * * !!!!!! !*!!!! !!*!* ! !**  ******  **    !! *!!! *! !*!!!  !!!! *!*

logo
NTDB id 1064486 ACHEXK RS01010 WP 416547396.1  AWLKDDPEDEVAQAALAICKQPLEMLAKRDFKRLAVSCGLDEAWVKAAIPFIARLEPKPGRPFVQAEQNIIIPDVLVVNT  315
NTDB id 1425 RS RS02020 WP 011000369.1         RLDS.....PAKPLALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKT  304
consensus                                          ******  * !! !* ! !!*!! !!* !!   * *!** *!!!** !  ! ! !!**!  !!   **!!!*!  !

logo
NTDB id 1064486 ACHEXK RS01010 WP 416547396.1  SKTATPKFRIQLNPDVMPKLRVHDIYANALRGSKGSS.HAGLQQRLQEARWFIKNIQQRFDTILRVSTAIVERQKNFLTH  394
NTDB id 1425 RS RS02020 WP 011000369.1         ....AAGWMAQLNPDVMPRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTH  380
consensus                                      **** * *  !!!!!!!!*!!**!*!!* !! !*! !**! !!!*!!!!!! !!!!!!!!!!!!!! !!!!!!! ! !!

logo
NTDB id 1064486 ACHEXK RS01010 WP 416547396.1  GELAMRPLVLREIADELGMHESTISRVTTAKYMSTPQGTFELKYFFGSGLGTDSGSAASSTAVRALIKQFVAAEKPAKPL  474
NTDB id 1425 RS RS02020 WP 011000369.1         GEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPL  460
consensus                                      !!*!!!!!!!!!!!!  !!*!!!!!!!!!!  !!!  !!  !!!!!!!!!!!** !**! !!!!!!*!!!!!!  !*!! !  !!

logo
NTDB id 1064486 ACHEXK RS01010 WP 416547396.1  SDNQISEMLKEQGIDCARRTVAKYREALKIAPANLRKTL  513
NTDB id 1425 RS RS02020 WP 011000369.1         SDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL  499
consensus                                      !!   ! !*! !!!  *!!!!!!!!!!!!!!** !!!!*!
```

X non conserved
X similar
X $\geq$50% conserved