```
logo
NTDB id 1168238 ACFY5Y RS03880 WP 173880014.1  MPRPMGQGGTTEKAKDLKGTLKKLLHYMSVFKVQMFFIVIFAICGTAFTIVGPKILGKATTEIFNGLVSKVSGGSGMDFD   80
NTDB id 370 SMU RS04260 WP 002263294.1         ............MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLAG......KIDLD   62
consensus                                      ************     !  !  *  !*  *!      !!! !* *  !**!!  !   !  *  !!  ****** *! !

logo
NTDB id 1168238 ACFY5Y RS03880 WP 173880014.1  KIGQILLMTLGLYLISALCSFIQGYLMTGVSQKTTYRLRKEISEKINRMPMNYFDTKPVGEVLSRVTNDIDTLGQSLNQS  160
NTDB id 370 SMU RS04260 WP 002263294.1         KIGEIALTLALLYFAGALVSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQSFNQS  142
consensus                                      !!! ! !    !!   !!*!*   **** * !! * !!!  ! *!!!**!* !!!*** !* !!!!!!!*! * !! !!!

logo
NTDB id 1168238 ACFY5Y RS03880 WP 173880014.1  ATQMIQSVTTIIGVLIMMLTISPLMTLVTLVILPVSMVLISFVMKRSQKYFRGQQEYLGNVNGQVEEIYSGHNIIKAFNK  240
NTDB id 370 SMU RS04260 WP 002263294.1         LVSMVAAIILLIGSIFMMIKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVVSSYNA  222
consensus                                         !*  *  *!! * !!*   * *    ** **   !! * *! *!!* !* !!  !* ! ! !!!*!!!!!**  *!

logo
NTDB id 1168238 ACFY5Y RS03880 WP 173880014.1  EEDVIQEFDTTNDKLYDSAWRSQFFSGMMMPIMQFIGNLGYVAVAILGGFLTIKKTIEVGDIQSFIQYVRSFTQPIQQIA  320
NTDB id 370 SMU RS04260 WP 002263294.1         IQQSKKQFENLNDQLFASMWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQPIAQIA  302
consensus                                            !*  !! !* ! !*!!!!!!*!!!*!!!!!! !!! !*!*!* * !   ! *! !  !* !!! !!!!! !!!

logo
NTDB id 1168238 ACFY5Y RS03880 WP 173880014.1  QVANMLQMTAAASERVFEFLEEEEEDQTVEHPVSVENLEGNVSFDHVHFGYNADRIIVNDFSAEVKEGQKIAIVGPTGAG  400
NTDB id 370 SMU RS04260 WP 002263294.1         QGITQLQSANAAMGRVFEFLDEEEIEDENHKVKQLEKVEGNVNFDNVFFGYSPDKTIIHDFSAHAKAGQKIAIVGPTGAG  382
consensus                                      !    !!   !!  !!!!!!*!!! *   ***  *! *!!!! !!*!*!!! *!* !**!!!!* ! !!!!!!!!!!!!

logo
NTDB id 1168238 ACFY5Y RS03880 WP 173880014.1  KTTMIKLLMRFYDVNSGAIKIDGHDVRDFNRSELREMFGMVLQDTWLFNGSIRDNIKYGKLDATDEEVIQAAKAAHVHQF  480
NTDB id 370 SMU RS04260 WP 002263294.1         KTTIVNLLMRFYEVDRGMISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLIYNQKHITDEQVIAAAKAVGVHHF  462
consensus                                      !!!** !!!!!!*!   ! ! !!!* **!   ! !*** !*!!!!!!!!! !****!* !   * !!!  !! !!!!  *!!*!

logo
NTDB id 1168238 ACFY5Y RS03880 WP 173880014.1  VKTLPGGYDMELNEEANNVSQGQKQLLTIARALLADPKILILDEATSSVDTRTEVLIQKAMDNLMKGRTSFVIAHRLSTI  560
NTDB id 370 SMU RS04260 WP 002263294.1         IKTLPKGYDTVLDDS.VTLSVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMEGRTSFVIAHRLSTI  541
consensus                                      *!!!! !!!   ! * *  *! !!!!!!!!!!!*! !***!!!!!!!!!!!!!!!! !!!*!!!*!! !!!!!!!!!!!!!!
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logo

NTDB id 1168238 ACFY5Y RS03880 WP 173880014.1  RDADMILVMKDGDIVEQGNHEELLAKGGFYADLYNSQFEKTTEVA   605
NTDB id 370 SMU RS04260 WP 002263294.1         RNADLILVMRDGNIIEQGSHDQLMAENGFYADLYNSQFTEEVA..   584
consensus                                      ! !!*!!!!*!! !*!!! !* !*!  !!!!!!!!!!!     **
```

X non conserved

X similar

X $\geq$ 50% conserved