```
logo
NTDB id 1001628 ABFG87 RS05010 WP 136771649.1  MKQSLQLKLSQQLNLTPQLQQSIKLLQLSTLEFRQEIERYLIENPLLEPGEDRGEGPGE....................GE   61
NTDB id 1425 RS RS02020 WP 011000369.1         MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTE   80
consensus                                      !!!!!!!*!!!*! !!!!!!!!!*!!!!!!*!  !!*!  ! !!!!!!*  *  * ** ****************** !

logo
NTDB id 1001628 ABFG87 RS05010 WP 136771649.1  GEAP.............AESSSDDSGSEYGAEGDDWNWGSGSGGGGGGQGEDDDDFDPASNTARELTLREHLLEQAGLLP  128
NTDB id 1425 RS RS02020 WP 011000369.1         SPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARK....PQSDEDDRAPMQLREAEPTQREFLMEQLAPLK  156
consensus                                       **!*************     !  !*!! !  !!        *****  !*!!  !      !*! !!*!*!! **!*

logo
NTDB id 1001628 ABFG87 RS05010 WP 136771649.1  LPALDRAVLGLVIDALDDDGFLTQSLQEIFEQLPEELVAETGLELEDLSVALARIKQFEPIGVGARDMAEALAMQLRQMP  208
NTDB id 1425 RS RS02020 WP 011000369.1         LSPRDKGLVIFLIESLDDEGYLTGSLDEILADLPAEL....EVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLD  232
consensus                                      !** !****  *!* !!!*!*!! !! !!   !! !!**** *!!**!  !!  *  !*! !*!!!  !!*! *!!  **

logo
NTDB id 1001628 ABFG87 RS05010 WP 136771649.1  ADDIRQLALQLVEGYLDLLAARDYTRLKKALKCDDAQLKSANALIVGLNPRPAARWAALTPRYVIPDVIVYKARGKWRAR  288
NTDB id 1425 RS RS02020 WP 011000369.1         S.PAKPLALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQ  311
consensus                                       ** **!!! *!  *!*!!!!!!!!!!!!!! *!!* !! !* !!  ! ! !** **   * *!*!!!*! !  * ! !

logo
NTDB id 1001628 ABFG87 RS05010 WP 136771649.1  LNEAARPRFRVNRMYADILQRSEGG....VLARELQEARWLVKSVQQRFDTILRVAEAIVARQHAFFEHGEVAMRPMVLR  364
NTDB id 1425 RS RS02020 WP 011000369.1         LNPDVMPRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLR  391
consensus                                      !!*    !! !*! !!! !!  ! ! **** !   !!!!!!!*! *!!!!!!!!!!  !!! !!* !! !!!*!!!!*!!!

logo
NTDB id 1001628 ABFG87 RS05010 WP 136771649.1  DIAEELELHESTISRVTSQKYLHSPRGLFEFKYFFGSHVETEAGGECSATAIKAIIKQLIQNEDKNKPLSDSALAETLSR  444
NTDB id 1425 RS RS02020 WP 011000369.1         EIADTLGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGE  471
consensus                                      *!!* ! !!!!!!!!!!**!!***! ! !! !!!!!!!! !! !! *! !!!*!*!!!!*  !!*  !!!!! *!! !

logo
NTDB id 1001628 ABFG87 RS05010 WP 136771649.1  QGIVVARRTVAKYREAMQIAPVNQRKTL  472
NTDB id 1425 RS RS02020 WP 011000369.1         QGFVVARRTVAKYREALKIPAVNLRKSL  499
consensus                                      !! !!!!!!!!!!!!!* !**!! !!*!
```

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