```
logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1  MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEGKLKTR   85
NTDB id 624 LCA RS00040 WP 011373726.1     ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG.D..READFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2          ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASG.E..IEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
NTDB id 25426 SAOUHSC 00349 YP 498938.1    ..MLNRVVLVGRLTKDPEYRTTPSGVSVATFTLAVNRTFTNAQG.E..READFINCVVFRRQADNVNNYLSKGSLAGVDGRLQSR   80
NTDB id 113 BSU 40900 NP 391970.1          ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.E..READFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
consensus                                   **!*!**!!*!**!***!***  !**!*****!********  *  *  *********  **!**!**  *****!!!***!*!****!

logo
KWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGNATRPQPAQKPAAQAEPP   170
NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNS...NQSNGSQQSG..FTSPQQTGNAPAANNTQADPFANNGQA   160
SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.........................................................   113
NYENQEGRRVFVTEVVCDSVQFLEPKNAQQNGGQRQQNEFQDY...GQGFGGQQSG.....QNNSYNNSSNTKQSDNPFANANGP   157
NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGG...GQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDGKP   162
consensus                  ******!*****!!*************      * *              *  **  **      ***              ****   *

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1  MDNFDDDIPF   180
NTDB id 624 LCA RS00040 WP 011373726.1     IDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2          ..........   113
NTDB id 25426 SAOUHSC 00349 YP 498938.1    IDISDDDLPF   167
NTDB id 113 BSU 40900 NP 391970.1          IDISDDDLPF   172
consensus                                  **********
```

X non conserved

X similar

X $\geq$ 50% conserved