```
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 73328 SAP2 RS12380 WP 002509650.1  ..MINRVVLVGRLTKDPEYRTTPSGVSVATFTLAVNRTFTNAQG.E..READFINCVVFRKQAENVNNYLSKGSLAGVDGRIQSR   80
NTDB id 113 BSU 40900 NP 391970.1          ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.E..READFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
consensus                                   **!*!**!!*!**!***!***  !**!*****!********  *  *  *********  **!**!!*  *****!!!***!*!****!

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1  KWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGNATRPQPAQKPAAQAEPP   170
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQQSG.....FTSPQQTGNAPAANNTQADPFANNGQA   160
NTDB id 112 BSU 36310 NP 391512.2          SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................   113
NTDB id 73328 SAP2 RS12380 WP 002509650.1  NYENQEGRRVFVTEVVCDSVQFLEPKNQNQRHNQSSGNNFQDYGQGFGGQQAGQNTSSYQNNNNNS..SNSGQSDNPFANANGP   163
NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGGQ...NDNPFGGNQNNQRRNQGNSFNDDPFANDGKP   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 73328 SAP2 RS12380 WP 002509650.1  IDISDDDLPF   173
NTDB id 113 BSU 40900 NP 391970.1          IDISDDDLPF   172
consensus                                  **********
```

X non conserved

X similar

X $\geq$ 50% conserved