```
logo
NTDB id 113 BSU 40900 NP 391970.1          ....MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQS.GE..READFINCVTWRRQAENVANFLKKGSLAGV   73
NTDB id 1103 NMB RS07590 WP 002212976.1    ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1   ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1390 A4U84 RS00055 WP 021115958.1  ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 120763 DI57 RS16870 WP 029740211.1 MASRGVNKVILVGNLGQDPEVRYMPSGGAVANITLATSESWRDKATGEMKEQTEWHRVVLFGKLAEVAGEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                     *!*!***! !* !!**!**!*! !!** **!***** **  !*  * **** * *****!!*****!*!!* ***

logo
NTDB id 113 BSU 40900 NP 391970.1          DGRLQTRNYENQQGQRVFVTEVQ....AESVQFLEPKNGGGSGSGGYNEGN.....SGGGQYFGGGQNDNPFGGNQNNQR   144
NTDB id 1103 NMB RS07590 WP 002212976.1    EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGA.PYEEGYGQSQEAYQRPA.........QQSRQPASD   142
NTDB id 1131 NGFG RS05740 WP 003695064.1   EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGA.PYDEGYGQSQEAYQRPA.........QQSRQPAPD   142
NTDB id 1390 A4U84 RS00055 WP 021115958.1  EGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSG.GDF.GGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGG   152
NTDB id 120763 DI57 RS16870 WP 029740211.1 EGQLRTRKWTDQAGAEKYTTEVVVN.VGGTMQMLGGRQG..GGA.PA..GGG..QSQQQGGW...GQPQQPQGGNQFSGG   149
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQ.GGM.PA..QGGMNVPAQQGSW...GQPQQPAKQHQPM..   151
consensus                                  *!****!*** * ! *** ****    *  ***!****   **  *   * *  *   *  *   *   *     *

logo
NTDB id 113 BSU 40900 NP 391970.1          ...RNQ.GNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 1103 NMB RS07590 WP 002212976.1    APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1   APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1  NATRPQ....PAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 120763 DI57 RS16870 WP 029740211.1 AQSRPQ....QQSAPAPSNEPPMD.FDDDIPF   176
NTDB id 1166 A1552VC RS00795 WP 000168289.1 QQSAPQ....QY.SQPQYNEPPMD.FDDDIPF   177
consensus                                    * *!              !**  !!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved