```
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 1105713 ACN2W4 RS17325 WP 004936793.1 MASRGVNKVILVGNLGQDPEVRYMPNGGAVANITLATSESWRDKATGEQKEKTEWHRVVLFGKLAEVAGEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1   MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                          *!*!****! !* !!**!**!*! !!** **!***** **  !*  ****** * *****!!*****!*!!* ***

logo

NTDB id 113 BSU 40900 NP 391970.1              DGRLQTRNYENQQGQRVFVTEVQ....AESVQFLEPKNGGGSGSGGGYNEGNS.GGG..........QYFGGGQNDNPFGG  138
NTDB id 1103 NMB RS07590 WP 002212976.1        EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPY.........EEGYGQSQEA..YQ.....RPAQQS  136
NTDB id 1131 NGFG RS05740 WP 003695064.1       EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPY.........DEGYGQSQEA..YQ.....RPAQQS  136
NTDB id 1390 A4U84 RS00055 WP 021115958.1      EGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSGGD.FGGNQ.......GSGWNQAPAQTNYNQGGYSDNYAQN  146
NTDB id 1105713 ACN2W4 RS17325 WP 004936793.1 EGSLQTRKWQDQSGQDRYTTEIVVN.VGGTMQMLGGRQGGGA..PAG...QSAGGQGGWGQPQQ............PQGG  142
NTDB id 1166 A1552VC RS00795 WP 000168289.1   EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG.MPAQGGMNVPAQQGSWGQPQQ............PAKQ  147
consensus                                     *!****!*** * !**** ****    *  ***!****  **  **           **** *    *

logo

NTDB id 113 BSU 40900 NP 391970.1              NQNNQRR....NQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 1103 NMB RS07590 WP 002212976.1        RQPASDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1       RQPAPDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1      NNFN...GG.NATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1105713 ACN2W4 RS17325 WP 004936793.1  NQFS...GGQQQSRPAQNSAPATSNEPPM.DFDDDIPF   176
NTDB id 1166 A1552VC RS00795 WP 000168289.1    HQP......MQQSAPQQY.SQPQYNEPPM.DFDDDIPF   177
consensus                                       *         * **             !*** !!!*!!
```

X non conserved

X similar

X ≥ 50% conserved