```
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 111385 CS367 RS13290 WP 033654707.1 MASRGVNKVILVGNLGQDPEVRYMPNGGAVANITLATSESWRDKATGEQKEKTEWHRVVLFGKLAEVAGEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                     *!*!***! !* !!**!**!*! !!** **!***** **  !*  ****** * *****!!*****!*!!* ***

logo
NTDB id 113 BSU 40900 NP 391970.1          DGRLQTRNYENQQGQRVFVTEVQ....AESVQFLEPKNGGGSGSGGYNEGNS.GGGQYFG..........GGQNDNPFGG  138
NTDB id 1103 NMB RS07590 WP 002212976.1    EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPY.........EEGYGQSQEA.......YQRPAQQS  136
NTDB id 1131 NGFG RS05740 WP 003695064.1   EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPY.........DEGYGQSQEA.......YQRPAQQS  136
NTDB id 1390 A4U84 RS00055 WP 021115958.1  EGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSGGD.FGGNQ.......GSGWNQAPAQTNYNQGGYSDNYAQN  146
NTDB id 111385 CS367 RS13290 WP 033654707.1 EGSLQTRKWQDQSGQDRYTTEIVVN.VGGTMQMLGGRQGGGA..PAG...QSAGGQGGWGQPQQP............QGG  142
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG.MPAQGGMNVPAQQGSWGQPQQP............AKQ  147
consensus                                  *!****!***  * !****  ****     *  ***!****  **  **           ****  *

logo
NTDB id 113 BSU 40900 NP 391970.1          NQNNQR....RNQGNSFNDDPFANDGKPIDISDDDLPF   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  NNFNG....GNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 111385 CS367 RS13290 WP 033654707.1 NQFSGG...QQQSRPAQNSAPAASSNEPPMDFDDDIPF   177
NTDB id 1166 A1552VC RS00795 WP 000168289.1 HQP......MQQSAPQQYS..QPQYNEPPMDFDDDIPF   177
consensus                                   *         * **            !*** !!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved