```
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 42263 ENTAS RS01525 WP 014068526.1 MASRGVNKVILVGNLGQDPEVRYMPSGGAVANITLATSESWRDKATGEMKEQTEWHRVVLFGKLAEVAGEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                     *!*!***! !* !!**!**!*! !!** **!***** **  !*  * **** * *****!!*****!*!!* ***

logo
NTDB id 113 BSU 40900 NP 391970.1          DGRLQTRNYENQQGQRVFVTEVQ....AESVQFLEPKNGGGSGSG...GYNEGNSGGGQ........YFGGGQND.....   133
NTDB id 1103 NMB RS07590 WP 002212976.1    EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYEE.........GYGQSQ.......EAYQRPAQQS   136
NTDB id 1131 NGFG RS05740 WP 003695064.1   EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYDE.........GYGQSQ.......EAYQRPAQQS   136
NTDB id 1390 A4U84 RS00055 WP 021115958.1  EGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSGG.DFGG.......NQGSGWNQAPAQTNYNQGGYSDNYAQN   146
NTDB id 42263 ENTAS RS01525 WP 014068526.1 EGQLRTRKWTDQSGAEKYTTEIVVN.VGGTMQMLGGRQG.G.GAPAGGG....QQQGGWGQP............QQPQGG   141
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQG.GMPAQGGMNVPAQQGSWGQP............QQPAKQ   147
consensus                                  *!****!*** * ! *** ****    *  ***!****  * * *            ****          *

logo
NTDB id 113 BSU 40900 NP 391970.1          .NPFGGNQNNQRRNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 1103 NMB RS07590 WP 002212976.1    RQPASDAPSHPQE..APAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1   RQPAPDAPSHPQE..APAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1  NNFNGGNATRP......QPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 42263 ENTAS RS01525 WP 014068526.1 NQFSGGAQSRP......QQQSAPAPSNEPPM.DFDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1 HQPM..QQSAP......QQ.YSQPQYNEPPM.DFDDDIPF   177
consensus                                   **     * *                  !*** !!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved