```
logo
NTDB id 113 BSU 40900 NP 391970.1          ....MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQ.SGE..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 123046 EV46 RS17925 WP 011095190.1 MASRGVNKVILVGNLGQDPEVRYMPNGGAVANITLATSESWRDKQTGEQKEKTEWHRVVLFGKLAEVAGEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                    *!*!***! !* !!**!**!*! !!** **!***** ** *!*  ****** * *****!!*****!*!!* ***

logo
NTDB id 113 BSU 40900 NP 391970.1          DGRLQTRNYENQQGQRVFVTEVQ....AESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGG....................G   130
NTDB id 1103 NMB RS07590 WP 002212976.1    EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGG...........APYEEGYGQSQEA.......YQRPAQ   134
NTDB id 1131 NGFG RS05740 WP 003695064.1   EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGG...........APYDEGYGQSQEA.......YQRPAQ   134
NTDB id 1390 A4U84 RS00055 WP 021115958.1  EGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSGGDFGGN..........QGSGWNQAPAQTNYNQGGYSDNYA   144
NTDB id 123046 EV46 RS17925 WP 011095190.1 EGALQTRKWADQAGVERYTTEVVV.NVGGTMQMLGGRQGGGAPAGGG...NAGGGQPQGGWGQPQQP............Q   144
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQG...GMNVPAQQGSWGQPQQP............A   145
consensus                                  *!****!*** * ! *** ****    *  ***!****  **  *         *    **** *

logo
NTDB id 113 BSU 40900 NP 391970.1          QNDNPFGGNQNNQRRNQG.NSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 1103 NMB RS07590 WP 002212976.1    QSRQPASDAPSHP...QEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1   QSRQPAPDAPSHP...QEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1  QNNNFNGGNATRPQPAQ.......KPAAQAEPPMDNFDDDIPF   180
NTDB id 123046 EV46 RS17925 WP 011095190.1 GGNQFSGGAQAQQRPAQNASSSQNNAPAQSNEPPMDFDDDIPF   187
NTDB id 1166 A1552VC RS00795 WP 000168289.1 KQHQPM..........Q.QSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                  *  **           !           *   !*** !!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved