```
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 382481 FYA22 RS01615 WP 006177466.1 MASRGVNKVILVGNLGQDPEVRYMPSGGAVANITLATSESWRDKATGEMKEQTEWHRVVLFGKLAEVAGEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                     *!*!***! !* !!**!**!*! !!** **!***** **  !*  * **** * *****!!*****!*!!* ***

logo
NTDB id 113 BSU 40900 NP 391970.1          DGRLQTRNYENQQGQRVFVTEVQ....AESVQFLEPKNGGGSGSGGYNEGNSG.......GGQYFGGGQNDNP......F  136
NTDB id 1103 NMB RS07590 WP 002212976.1    EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGG.APYEEGYGQSQEAYQRPAQQS...........RQPA  140
NTDB id 1131 NGFG RS05740 WP 003695064.1   EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGG.APYDEGYGQSQEAYQRPAQQS...........RQPA  140
NTDB id 1390 A4U84 RS00055 WP 021115958.1  EGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSG.GD.FGGNQGSGWNQAPAQTNYNQGGYS..DNYAQNNNFN  150
NTDB id 382481 FYA22 RS01615 WP 006177466.1 EGQLRTRKWTDQSGAEKYTTEVVVN.VGGTMQMLGGRQG..GG.APAGGGQ.........NQQQGGWGQPQQPQGGNQFS  147
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQ.GG.MPAQGGM..N.....VPAQQGSWGQPQQPAKQHQPM  151
consensus                                  *!****!*** * ! *** ****    *  ***!****   ** **   !           ***       *     *

logo
NTDB id 113 BSU 40900 NP 391970.1          GGNQNNQRRNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 1103 NMB RS07590 WP 002212976.1    SDAPSHPQ..EAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1   PDAPSHPQ..EAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1  GGNATRP......QPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 382481 FYA22 RS01615 WP 006177466.1 GGAQSRP......QQQSAPAPSNEPPMD.FDDDIPF   176
NTDB id 1166 A1552VC RS00795 WP 000168289.1 ..QQSAP......QQY.SQPQYNEPPMD.FDDDIPF   177
consensus                                     * *                  !**  !!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved