```
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 403611 GMX10 RS02355 WP 039483661.1 MASRGVNKVILVGNLGQDPEIRYMPNGGAVANITLATSESWRDKQTGEQKEKTEWHRVVLFGKLAEVAGEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                     *!*!***! !* !!**!**!*! !!** **!***** ** *!*  ****** * *****!!*****!*!!* ***

logo
NTDB id 113 BSU 40900 NP 391970.1          DGRLQTRNYENQQGQRVFVTEVQ....AESVQFLEPKNGGGSGSGGYNE..GNSGGG........QYFGGGQNDNPF...   136
NTDB id 1103 NMB RS07590 WP 002212976.1    EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGA........PYEEGYGQSQEA..Y.....QRPAQQSR   137
NTDB id 1131 NGFG RS05740 WP 003695064.1   EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGA........PYDEGYGQSQEA..Y.....QRPAQQSR   137
NTDB id 1390 A4U84 RS00055 WP 021115958.1  EGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSGGDFGG.......NQGSGWNQAPAQTNYNQGGYSDNYAQNN   147
NTDB id 403611 GMX10 RS02355 WP 039483661.1 EGALQTRKWADQAGVERYTTEVVV.NVGGTMQMLGGRQGGGAPAGGGNAGGGQQQGGWGQPQQ............PQGGN   147
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNVPAQQGSWGQPQQ............PAKQH   148
consensus                                  *!****!*** * ! *** ****    *  ***!****  ** **           **** *     *

logo
NTDB id 113 BSU 40900 NP 391970.1          ...GGNQNNQRRNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 1103 NMB RS07590 WP 002212976.1    QPASD..APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1   QPAPD..APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1  NFNGGNATRPQPAQKP......AAQAEPPMDNFDDDIPF   180
NTDB id 403611 GMX10 RS02355 WP 039483661.1 QFSGGAQSQQRPAQNNASANNAPAQSNEPPMDFDDDIPF   186
NTDB id 1166 A1552VC RS00795 WP 000168289.1 ..........QPMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                  *          * *  *       *   !*** !!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved