```
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 29121 CKO RS16420 WP 012134613.1   MASRGVNKVILVGNLGQDPEVRYMPNGGAVANITLATSESWRDKQTGEMKEQTEWHRVVLFGKLAEVASEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                     *!*!***! !* !!**!**!*! !!** **!***** ** *!*  * **** * *****!!*****!*!!* ***

logo
NTDB id 113 BSU 40900 NP 391970.1          DGRLQTRNYENQQGQRVFVTEVQ....AESVQFLEPKNGGGSGSGGYNEGNSGGGQYFG.............GGQNDNPF   136
NTDB id 1103 NMB RS07590 WP 002212976.1    EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGA...........PYEEGYGQSQE.......AYQRPAQ   134
NTDB id 1131 NGFG RS05740 WP 003695064.1   EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGA...........PYDEGYGQSQE.......AYQRPAQ   134
NTDB id 1390 A4U84 RS00055 WP 021115958.1  EGKLKTRKWQDQNGQDRYTTETQ....GDVLQMLDSRSSGGDFG..........GNQGSGWNQAPAQTNYNQGGYSDNYA   144
NTDB id 29121 CKO RS16420 WP 012134613.1   EGQLRTRKWTDQSGQDKYTTEVVVN.VGGTMQMLGGR.QGGGVP...AGGNMGGGQQQGGWGQPQ............QPQ   143
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMP...AQGGMNVPAQQGSWGQPQ............QPA   145
consensus                                  *!****!*** * !**** ****    *  ***!***   **                 ****  *        *   *

logo
NTDB id 113 BSU 40900 NP 391970.1          GGNQNN...QRRNQ.GNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 1103 NMB RS07590 WP 002212976.1    QSRQPASDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1   QSRQPAPDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1  QNNNFNGGNATRPQ....PAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 29121 CKO RS16420 WP 012134613.1   GGNQFSGGAQSRPQ....QQSAPAPSNEPPMD.FDDDIPF   178
NTDB id 1166 A1552VC RS00795 WP 000168289.1 KQHQPM..QQSAPQ....QY.SQPQYNEPPMD.FDDDIPF   177
consensus                                     *      * *!                !**  !!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved