```
logo

NTDB id 113 BSU 40900 NP 391970.1              ....MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQS.GER..EADFINCVTWR.RQAENVANFLKKGSLAG   72
NTDB id 1103 NMB RS07590 WP 002212976.1        ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYR.KLAEIAGQYLKKGGLVY   75
NTDB id 1131 NGFG RS05740 WP 003695064.1       ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYR.KLAEIAGQYLKKGGLVY   75
NTDB id 1390 A4U84 RS00055 WP 021115958.1      ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFR.RQAEVAGQYLRKGSKVY   77
NTDB id 1146099 BQ8290 RS02120 WP 108791763.1 .MAGSLNKVMLIGNLGADPEIRSFQNGGRVANLRIATSENWKDKNTGERREKTEWHTVAIFSDGLVNVVERYLKKGSKVF   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1   MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYG.KLAEVAGEYLRKGSQVY   79
consensus                                          *!*!***! !* !!**!****! *!** **!***** **  !** ****** * *** *********!*!!* **

logo

NTDB id 113 BSU 40900 NP 391970.1              VDGRLQTRNYENQQGQRVFVTEVQ....AESVQFLEPKNGGG...SGSGGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRR  145
NTDB id 1103 NMB RS07590 WP 002212976.1        LEGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYEEGYGQSQ.........EAYQRPAQQSRQPASD  142
NTDB id 1131 NGFG RS05740 WP 003695064.1       LEGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYDEGYGQSQ.........EAYQRPAQQSRQPAPD  142
NTDB id 1390 A4U84 RS00055 WP 021115958.1      VEGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSGGDF.GGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFN..  150
NTDB id 1146099 BQ8290 RS02120 WP 108791763.1 VEGKLQTRKWQDQSGNDRYSTEVVIQGLGGTLTMLDGRGEGGGG.GGSGGYGGNQGGGQGGGGGGGWNQGGGGSGSGN..  156
NTDB id 1166 A1552VC RS00795 WP 000168289.1   IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGM.PAQGGMNVPAQ.......QGSWGQPQQPAKQHQ..  149
consensus                                      **!****!*** * !**** ****    *  * *! **   **   *  !**  *         ***  *     * *

logo

NTDB id 113 BSU 40900 NP 391970.1              NQG.....NSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 1103 NMB RS07590 WP 002212976.1        APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1       APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1      ..GGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1146099 BQ8290 RS02120 WP 108791763.1 ....G..G....GSGGGFGGGGHDDLDDDIPF   178
NTDB id 1166 A1552VC RS00795 WP 000168289.1   ....PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                                   ** **** !!!*!!
```

X non conserved
X similar
X ≥ 50% conserved