```
logo
NTDB id 113 BSU 40900 NP 391970.1          ....MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQS.GER..EADFINCVTWRRQAENVANFLKKGSLAGV   73
NTDB id 1131 NGFG RS05740 WP 003695064.1   ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1103 NMB RS07590 WP 002212976.1    ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1065082 ACHWS7 RS03105 WP 012340854.1 ..MAGINKVIIVGNLGNDPEMRTMPNGEAVANISVATSESWTDKNTGERREVTEWHRIVFYRRYAEICGQYLRKGSKIYI   78
NTDB id 1390 A4U84 RS00055 WP 021115958.1  ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                     *!*!****! !* !!**!**!*!*!!** **!***** **  !** * **** *  *** !!*****!*!!* ***

logo
NTDB id 113 BSU 40900 NP 391970.1          DGRLQTRNYENQQGQRVFVTEVQA....ESVQFLEPKNGGGSGSGG...YNEGNSGGGQYFGGGQNDNPFGGNQNN....   142
NTDB id 1131 NGFG RS05740 WP 003695064.1   EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQS.........QEAYQRPAQQSRQPAPDA   143
NTDB id 1103 NMB RS07590 WP 002212976.1    EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQS.........QEAYQRPAQQSRQPASDA   143
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG.MPAQGGM...NVPA....QQGSWGQPQQPAKQHQP..   150
NTDB id 1065082 ACHWS7 RS03105 WP 012340854.1 EGKLRTRKWQDQNGQERYTTEIQG....ELLQMLDSRNATNS.VDGQQSN..........YQA.................   126
NTDB id 1390 A4U84 RS00055 WP 021115958.1  EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGD.FGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGN   153
consensus                                  *!****!*** * !**** *** *      ***!  **        *  *              *  *  *     *

logo
NTDB id 113 BSU 40900 NP 391970.1          .QRRNQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 1131 NGFG RS05740 WP 003695064.1   PSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1    PSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MQQ....SAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1065082 ACHWS7 RS03105 WP 012340854.1 .......MSQSPKATHPQDLPMDNFDDDIPF   150
NTDB id 1390 A4U84 RS00055 WP 021115958.1  ATR....PQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                            *        !**  !!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved