```
logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1       ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 1131 NGFG RS05740 WP 003695064.1        ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1103 NMB RS07590 WP 002212976.1         ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1111249 ACOI2Q RS03195 WP 044735256.1  MASRGVNKVILVGNLGQDPEVRYMPNGNAVANITVATSESWKDQ.QGQQQERTEWHRVVMFGKLAEIAGEYLRKGSQVYL   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1    MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                          **!!!!**!*!!*!!**!*!!*!*!!*****!!!!*!*!* *!** !*!!!!********!!*!!*!!*!!* !!*

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1       EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGG...DFGGNQGS....G.......WN..QAPAQTNYNQ..  136
NTDB id 1131 NGFG RS05740 WP 003695064.1        EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDE....................GYGQSQEAYQRPA  133
NTDB id 1103 NMB RS07590 WP 002212976.1         EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEE....................GYGQSQEAYQRPA  133
NTDB id 1111249 ACOI2Q RS03195 WP 044735256.1  EGKLQTRKWKDQSGQDKYTTEVVVD.MGGTMQMLGGRNQNQGGMSQGGNQGGMNQGGMNQSQGSYGGGQAQSQSQYNAPQ  158
NTDB id 1166 A1552VC RS00795 WP 000168289.1    EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNVP.......AQQGSWGQPQ..........  142
consensus                                      !!****!!**** !**********      **!!**!* * **  *** *             *  ******  ** *

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1       ..GGYSDNYAQN................NNFNGGNATRPQ...........PAQKPA........AQAEPPMDNFDDDI  178
NTDB id 1131 NGFG RS05740 WP 003695064.1        Q..........QSRQPA......................PDAPSHPQEAPAAPRRQPVP.........AAAPVEDIDDDI  172
NTDB id 1103 NMB RS07590 WP 002212976.1         Q..........QSRQPA......................SDAPSHPQEAPAAPRRQPVP.........AAAPVEDIDDDI  172
NTDB id 1111249 ACOI2Q RS03195 WP 044735256.1  QSGGYQPKPAQQPQQPQQQYNAPQQQSYGQQQNSGYAPKPQQPA..PQQQAAPQQRPAPQPQPQQQNYTPDLDDGWDDDI  236
NTDB id 1166 A1552VC RS00795 WP 000168289.1    ..............QPAKQ.......................HQ..PMQQSAPQQYSQPQ......Y..NEPPMDFDDDI  175
consensus                                      *           *  ***                       *  *       **! * * *         *  *****!!!!

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1       PF   180
NTDB id 1131 NGFG RS05740 WP 003695064.1        PF   174
NTDB id 1103 NMB RS07590 WP 002212976.1         PF   174
NTDB id 1111249 ACOI2Q RS03195 WP 044735256.1  PF   238
NTDB id 1166 A1552VC RS00795 WP 000168289.1    PF   177
consensus                                      !!
```

X non conserved

X similar

X $\geq$ 50% conserved