```
logo
NTDB id 624 LCA RS00040 WP 011373726.1      ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG.D..READFINCVIWRKSAENFANFTKKGSLVGV   73
NTDB id 1103 NMB RS07590 WP 002212976.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1    ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 219945 BV134 RS03170 WP 013525504.1 ..MAGINKVIIVGHLGNDPEIRTMPNGDAVANISVATSESWNDRNTGERREVTEWHRIVFYRRQAEICGEYLRKGSQVYV   78
NTDB id 1390 A4U84 RS00055 WP 021115958.1   ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                     *!*!***! !* !***!****!*!!** **!********** *** * **** * **** !!*******!!* !**

logo
NTDB id 624 LCA RS00040 WP 011373726.1      DGRLQTRNYENQQGQRVYVTEVVVDNFS....LLESRTTTEQRQGDGASQNFNSNQSN.....GSQQSGFTSPQQTGNAP  144
NTDB id 1103 NMB RS07590 WP 002212976.1     EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNEN....SGGAPYEEGYGQSQ.........EAYQRPAQQSRQP  139
NTDB id 1131 NGFG RS05740 WP 003695064.1    EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNEN....SGGAPYDEGYGQSQ.........EAYQRPAQQSRQP  139
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQ....GGMPA.QGGMNVP..AQ.....QGSWGQPQQPA...  145
NTDB id 219945 BV134 RS03170 WP 013525504.1 EGRLKTRKWQDQNGQDRYTTEIQ....GDVMQMLGGRNQN....AGGSG.NDMGGAPQSS....Y.....QA..RQT...  135
NTDB id 1390 A4U84 RS00055 WP 021115958.1   EGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSG....GDFGG.NQGSGWNQAPAQTNYNQGGYSDNYAQN...  146
consensus                                   *!****!*** * !**** ****    *  * *!**!  *    ****  * * *  *          **  * **

logo
NTDB id 624 LCA RS00040 WP 011373726.1      AAN.....NT....QADPFANNGQAIDISDDDLPF  170
NTDB id 1103 NMB RS07590 WP 002212976.1     ASDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF  174
NTDB id 1131 NGFG RS05740 WP 003695064.1    APDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF  174
NTDB id 1166 A1552VC RS00795 WP 000168289.1 .KQ..HQPMQQSAPQQYSQPQYNEPPMDFDDDIPF  177
NTDB id 219945 BV134 RS03170 WP 013525504.1 .NNGNSYQSSRPAP.QQSAPQAEPPMDGFDDDIPF  168
NTDB id 1390 A4U84 RS00055 WP 021115958.1   .NNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF  180
consensus                                     *        **       **  ***  !!!*!!
```

X non conserved
X similar
X $\geq$ 50% conserved