```
logo
NTDB id 624 LCA RS00040 WP 011373726.1          ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNA.NGD..READFINCVIWRKSAENFANFTKKGSLVGV   73
NTDB id 1166 A1552VC RS00795 WP 000168289.1     MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1390 A4U84 RS00055 WP 021115958.1       ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 1095438 ACMVP2 RS11670 WP 339784602.1  ..MSGVNKVILLGNLGKDPEIRHLENGRAVTNFTLATSEVYKNK.EGNKVTNTEWHNVVLWTPLAEVAEKYLKKGSQVYI   77
NTDB id 1103 NMB RS07590 WP 002212976.1        ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1       ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
consensus                                          *!*!****! !**!***!****! !! ****!***** **  ! * * ****** *****!!*******!!* !**

logo
NTDB id 624 LCA RS00040 WP 011373726.1          DGRLQTRNYENQQGQRVYVTEVVV....DNFSLLESRTTTEQRQGDGASQNFNSNQSNG.....SQQSGFTSPQQTGNAP   144
NTDB id 1166 A1552VC RS00795 WP 000168289.1     EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQ....GG.MPAQGGM...NVPAQ....QGSWGQPQQPAK..   146
NTDB id 1390 A4U84 RS00055 WP 021115958.1       EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSG....GD.FGGNQGSGWNQAPAQTNYNQGGYSDNYAQNN..   147
NTDB id 1095438 ACMVP2 RS11670 WP 339784602.1  EGKITTRSYDDKDGNKRYITEVVG....REMTLVGGRPDG....GGGSSEPQSSGSTQP.......................   128
NTDB id 1103 NMB RS07590 WP 002212976.1        EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNEN....SGGAPYEEGYGQSQE.........AYQRPAQQSRQP   139
NTDB id 1131 NGFG RS05740 WP 003695064.1       EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNEN....SGGAPYDEGYGQSQE.........AYQRPAQQSRQP   139
consensus                                      *!****!***   !**** *****      * ****!        ***     * * **          **  * *

logo
NTDB id 624 LCA RS00040 WP 011373726.1          AANNT.........QADPFANNGQAIDISDDDLPF   170
NTDB id 1166 A1552VC RS00795 WP 000168289.1     ..QHQ..PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1390 A4U84 RS00055 WP 021115958.1       ..NFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1095438 ACMVP2 RS11670 WP 339784602.1  ....................APVAAEPTD.LDDLPF   143
NTDB id 1103 NMB RS07590 WP 002212976.1        ASDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1       APDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
consensus                                                            * **** *!!*!!
```

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