```
logo
NTDB id 624 LCA RS00040 WP 011373726.1        ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNA.NG...DREADFINCVIWRKSAENFANFTKKGSLVG    72
NTDB id 349757 IB64 RS11865 WP 005776338.1    ...MSVNKVILIGNVGKDPEVRYLDTGIAVASFPLATTDRAYTLSNGTQVPERTEWHNLVLWRGLAETAEKYVHKGDKLY    77
NTDB id 1103 NMB RS07590 WP 002212976.1       ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NG.QRVERTEWHNITMYRKLAEIAGQYLKKGGLVY    75
NTDB id 1131 NGFG RS05740 WP 003695064.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NG.QRVERTEWHNITMYRKLAEIAGQYLKKGGLVY    75
NTDB id 1166 A1552VC RS00795 WP 000168289.1   MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATG.EQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVY    79
NTDB id 1390 A4U84 RS00055 WP 021115958.1     ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTG.ERREVTEWHRIVFFRRQAEVAGQYLRKGSKVY    77
consensus                                        *!*!***! ***!***!*** ! !!* ***!***** ** *!     ******** *****!!*******!!   **

logo
NTDB id 624 LCA RS00040 WP 011373726.1        VDGRLQTRNYENQQGQRVYVTEVVV....DNFSLLESRTTTEQRQGDGASQNFNSN...QSNGSQQSGFTSPQQTGNAPA   145
NTDB id 349757 IB64 RS11865 WP 005776338.1    VEGKIRTRSYDDQSGAKRYVTEIFV....DNMEMLTPKGAGAGS.......................YAPSQQQAAAPV   129
NTDB id 1103 NMB RS07590 WP 002212976.1       LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGA..PYEEGYGQSQE.........AYQRPAQQSRQPA   140
NTDB id 1131 NGFG RS05740 WP 003695064.1      LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGA..PYDEGYGQSQE.........AYQRPAQQSRQPA   140
NTDB id 1166 A1552VC RS00795 WP 000168289.1   IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQG.GM..PAQGGM...NVPAQ....QGSWGQPQQPAK...   146
NTDB id 1390 A4U84 RS00055 WP 021115958.1     VEGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGG.DF..GGNQGSGWNQAPAQTNYNQGGYSDNYAQNN...   147
consensus                                     **!****!*** * ! *** ****       * *!  *             *    *          **  * **   *

logo
NTDB id 624 LCA RS00040 WP 011373726.1        ANNT.........QADPFANNGQAIDISDDDLPF   170
NTDB id 349757 IB64 RS11865 WP 005776338.1    .........RPQP..QQPQQSASSQDNPADDLPF   152
NTDB id 1103 NMB RS07590 WP 002212976.1       SDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1      PDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1   .QHQ..PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1390 A4U84 RS00055 WP 021115958.1     .NFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                              *        * * ***  *!!*!!
```

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