```
logo

NTDB id 624 LCA RS00040 WP 011373726.1        ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNA.NGD..READFINCVIWRKSAENFANFTKKGSLVGV   73
NTDB id 1103 NMB RS07590 WP 002212976.1       ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1   MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 104032 QUE67 RS08325 WP 108509118.1  ..MASVNKVIIVGNVGRDPETRYMPSGDAVTNISVATSDRYKDKQTGEMKENTEWHRIAFFGKLAEIAGQYLKKGSQVYV   78
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                        *!*!***! ***!***!*** !*!! * **!***** **  !*  * **** * *****!!*******!!* !**

logo

NTDB id 624 LCA RS00040 WP 011373726.1        DGRLQTRNYENQQGQRVYVTEVVV....DNFSLLESRTTTEQRQGDGASQNFNSNQS...NGSQQSGFTSPQQTGNAPAA   146
NTDB id 1103 NMB RS07590 WP 002212976.1       EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGG..APYEEGYGQSQ.........EAYQRPAQQSRQPAS   141
NTDB id 1131 NGFG RS05740 WP 003695064.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGG..APYDEGYGQSQ.........EAYQRPAQQSRQPAP   141
NTDB id 1166 A1552VC RS00795 WP 000168289.1   EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG...MPAQGGMNVP...AQ....QGSWGQPQQ....PAK   146
NTDB id 104032 QUE67 RS08325 WP 108509118.1  EGRLRTRKWTDQSGQEKYSTEIIA....DSMQMLGARMAGSG...EESSGG..............................   122
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGD...FGGNQGSGWNQAPAQTNYNQGGYSDNYA....QNN   147
consensus                                    *!****!*** * !**** *****       * *!**!     *         *    *           **  * *    **

logo

NTDB id 624 LCA RS00040 WP 011373726.1        N.........NTQADPFANNGQAIDISDDDLPF   170
NTDB id 1103 NMB RS07590 WP 002212976.1       DAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1      DAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1   ..QHQPMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 104032 QUE67 RS08325 WP 108509118.1  ........RSKPAESSSSPSANALDAMDDDIPF   147
NTDB id 1390 A4U84 RS00055 WP 021115958.1    NFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                                     * ***  !!!*!!
```

X non conserved

X similar

X ≥ 50% conserved