```
logo
NTDB id 624 LCA RS00040 WP 011373726.1        ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNA.NG..DREADFINCVIWRKSAENFANFTKKGSLVGV   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 1390 A4U84 RS00055 WP 021115958.1     ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 420309 GYM74 RS04485 WP 220219292.1  MANRGINKVILVGNLGQDPEVRYMPNGNAVANFSVATSESWKDRQTGETRDRTEWHRVVVFGKLAEIAGEYIKKGTQVYL   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                       *!*!***! !* !***!****! !!*****!***** **  !   ****** * *****!!*******!!* !**

logo
NTDB id 624 LCA RS00040 WP 011373726.1        DGRLQTRNYENQQGQRVYVTEVVVDNF....SLLESRTTTEQRQGDGASQNFNSNQSNGS.....QQSGFTSPQQTGNAP   144
NTDB id 1103 NMB RS07590 WP 002212976.1       EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNEN....SGGAPYEEGYGQSQ....EAYQRPAQQSRQPASDAP   144
NTDB id 1131 NGFG RS05740 WP 003695064.1      EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNEN....SGGAPYDEGYGQSQ....EAYQRPAQQSRQPAPDAP   144
NTDB id 1390 A4U84 RS00055 WP 021115958.1     EGKLKTRKWQDQNGQDRYTTETQ....GDVLQMLDSRSSG....GD.FGGNQGSGWNQAPAQTNYNQGGY.SDNYAQNNN   148
NTDB id 420309 GYM74 RS04485 WP 220219292.1  EGQLQTRKWQDQSGADRYTTEVVINPIGGTLQILGSRNSG....DN........SFNDGS..QSWGQS....ANNTSSAP   142
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQ....GG.MPAQGGMNVPAQQ..GSWGQP....QQPAKQ..   147
consensus                                    *!****!*** * ! *** ****    *  * *!* !                *    *      *** *  * * *  **

logo
NTDB id 624 LCA RS00040 WP 011373726.1        AAN......NTQADPFANNGQAIDISDDDLPF   170
NTDB id 1103 NMB RS07590 WP 002212976.1       SHP.QEAPAAPRRQP.VPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1      SHP.QEAPAAPRRQP.VPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1     FNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 420309 GYM74 RS04485 WP 220219292.1  AAPRQAAPTAPAAQP.ATPEPPM.DFDDDIPF   172
NTDB id 1166 A1552VC RS00795 WP 000168289.1  HQPMQQSAPQQYSQP.QYNEPPM.DFDDDIPF   177
consensus                                      * *     *  *!      **** !!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved