```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 624 LCA RS00040 WP 011373726.1          ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNA.NGD..READFINCVIWRKSAENFANFTKKGSLVGV    73
NTDB id 113 BSU 40900 NP 391970.1               ....MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQ.SGE..READFINCVTWRRQAENVANFLKKGSLAGV    73
NTDB id 1128693 FXZ10 RS00485 WP 052649571.1   ....MINRVVLVGRLTKDPDLRYTPSGAAVARFTLAVNRTFSNA.QGE..KETDFINCTVWRKQAENTANFLKKGSLAGV    73
NTDB id 112 BSU 36310 NP 391512.2               ....MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNA.SGE..IEADYVNCTLWRKTAENTALYCQKGSLVGV    73
NTDB id 1131 NGFG RS05740 WP 003695064.1        ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL    76
NTDB id 1103 NMB RS07590 WP 002212976.1         ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL    76
NTDB id 1390 A4U84 RS00055 WP 021115958.1       ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV    78
NTDB id 1166 A1552VC RS00795 WP 000168289.1     MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI    80
consensus                                            *!*!***!*! *!***!* * !*!!* ***!    **     !*    *** * ***** !!  *****!!*** *

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 624 LCA RS00040 WP 011373726.1          DGRLQTRNYENQQGQRVYVTEVVV....DNFSLLESRTTTEQRQG.DG......ASQNFNSNQSNGSQQSGFTSPQQTGN   142
NTDB id 113 BSU 40900 NP 391970.1               DGRLQTRNYENQQGQRVFVTEVQA....ESVQFLEPKNGGGSGSG.GYNEGNSGGGQYFGGGQ....NDNPFGGNQNNQR   144
NTDB id 1128693 FXZ10 RS00485 WP 052649571.1   EGRIQTGSYEGQDGKRVYTTEVVA....DSVQFLEPKNSGAGADR.SQG.....QP..............SYQQNQS.PS   128
NTDB id 112 BSU 36310 NP 391512.2               SGRIQTRSYENEEGVNVYVTEVLA....DTVRFMDPKPREKAAD.....................................   113
NTDB id 1131 NGFG RS05740 WP 003695064.1        EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQSQE...............AYQRPAQQSR   137
NTDB id 1103 NMB RS07590 WP 002212976.1         EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQSQE...............AYQRPAQQSR   137
NTDB id 1390 A4U84 RS00055 WP 021115958.1       EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGG.DFGGNQGSGWNQAPA.....Q.TNYNQGGYSDNYAQNN   147
NTDB id 1166 A1552VC RS00795 WP 000168289.1     EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQG.GMPAQGGM...NVPA.....Q.....QGSWGQPQQPAK   146
consensus                                       *!***** *  * !   * *****    * * *** *     *     *                     *    *

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 624 LCA RS00040 WP 011373726.1          AP.........AANNTQADPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1               RN.........QGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 1128693 FXZ10 RS00485 WP 052649571.1   QQ.........NHTRVDQDPFSSGSGPIEVSDDDLPF   156
NTDB id 112 BSU 36310 NP 391512.2               ......................................   113
NTDB id 1131 NGFG RS05740 WP 003695064.1        QPAPDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1         QPASDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1       N....FNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1166 A1552VC RS00795 WP 000168289.1     Q....HQ..PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                       *                          ***  ******
```

X non conserved

X similar

X ≥ 50% conserved