```
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 77909 G7Y72 RS12325 WP 164561137.1   MASRGVNKVILVGNLGQDVEMRYMPNGGAVANLTLATSETWRDKQSGEMREKTEWHRVIIFGKLAEVAGEYLKKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                       *!*!***! !* !***!****! !!** **!***** **  !   ****** * *****!!*******!!* !**

logo

NTDB id 624 LCA RS00040 WP 011373726.1        DGRLQTRNYENQQGQRVYVTEVVVDNFS....LLESRTTTEQRQGDGASQNFNSNQ.....SNGSQQSGFTSPQQTGNAP   144
NTDB id 1103 NMB RS07590 WP 002212976.1       EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNEN....SGGAPYEEGYGQS.........QEAYQRPAQQSRQP   139
NTDB id 1131 NGFG RS05740 WP 003695064.1      EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNEN....SGGAPYDEGYGQS.........QEAYQRPAQQSRQP   139
NTDB id 1390 A4U84 RS00055 WP 021115958.1     EGKLKTRKWQDQNGQDRYTTETQ....GDVLQMLDSRSSG....GD.FGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNF   149
NTDB id 77909 G7Y72 RS12325 WP 164561137.1   EGSLQTRKWQDQSGQDRYTTEVLVN.VGGAMQMLGGNGGN....NQ.T....................GS....QQPAR..   129
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQ....GG.MPAQGG..M.NVPA....QQGSWGQPQQPAKQH   148
consensus                                    *!****!***  *  !**** ****     *   *  *!***  *             *              *  **   *  *   **

logo

NTDB id 624 LCA RS00040 WP 011373726.1        AANNT.........QADPFANNGQAIDISDDDLPF   170
NTDB id 1103 NMB RS07590 WP 002212976.1       ASDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1      APDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1     NGGNAT....RPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 77909 G7Y72 RS12325 WP 164561137.1   ..........QPQQ.PHQAPQNEPPMDWESDPIPF   153
NTDB id 1166 A1552VC RS00795 WP 000168289.1  QPMQQS....APQQ.YSQPQYNEPPMDFDD.DIPF   177
consensus                                          *      *      *       ***  ****!!
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X non conserved

X similar

X $\geq$ 50% conserved