```
logo
NTDB id 113 BSU 40900 NP 391970.1          ....MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQ.SGER..EADFINCVTWRRQAENVANFLKKGSLAGV   73
NTDB id 624 LCA RS00040 WP 011373726.1     ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNA.NGDR..EADFINCVIWRKSAENFANFTKKGSLVGV   73
NTDB id 27003 PPRO RS02195 WP 011734395.1  ..MASLNKVMLIGNLGRDPEVRYTASGQAVASFNLATTEKFKNR.NGEWEERTEWHRVTLWARLAEIAGEYLSKGKTVYI   77
NTDB id 1131 NGFG RS05740 WP 003695064.1   ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1103 NMB RS07590 WP 002212976.1    ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1390 A4U84 RS00055 WP 021115958.1  ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                     *!*!***!*!**!***!****! !!*****!***** ** *!** *********!****!!*******!!*****

logo
NTDB id 113 BSU 40900 NP 391970.1          DGRLQTRNYENQQGQRVFVTEVQA....ESVQFLEPKNGGGSGS.....GGYNEGNSGGGQYFGGGQNDNPFGGNQNNQR   144
NTDB id 624 LCA RS00040 WP 011373726.1     DGRLQTRNYENQQGQRVYVTEVVV....DNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTSPQQTGN   142
NTDB id 27003 PPRO RS02195 WP 011734395.1  EGRLQTREYE.KDGIKRYTTEIVG....EKMQMLSPKGERRSSGD...S......YSP....APAGTSGGGYEP......   133
NTDB id 1131 NGFG RS05740 WP 003695064.1   EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSG.GA...P......YDE.....GYGQSQEAYQRPAQQSR   137
NTDB id 1103 NMB RS07590 WP 002212976.1    EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSG.GA...P......YEE.....GYGQSQEAYQRPAQQSR   137
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPA...QGGM...NVP....AQ....QGSWGQPQQPAK   146
NTDB id 1390 A4U84 RS00055 WP 021115958.1  EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGG...NQGSGWNQAP....AQTNYNQGGYSDNYAQNN   147
consensus                                  *!****!*** * !**** *****    * ***!  *       **          *          *  * **  * ** *

logo
NTDB id 113 BSU 40900 NP 391970.1          RNQG.....NSF....NDDPFANDGKPIDISDDDLPF   172
NTDB id 624 LCA RS00040 WP 011373726.1     APAA.....NNT....QADPFANNGQAIDISDDDLPF   170
NTDB id 27003 PPRO RS02195 WP 011734395.1  ............................PPFQDDDIPF   143
NTDB id 1131 NGFG RS05740 WP 003695064.1   QPAPDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1    QPASDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1 QHQ......PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1390 A4U84 RS00055 WP 021115958.1  NFNG....GNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                  *                     * * ***   !!!*!!
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X non conserved

X similar

X $\geq$ 50% conserved