```
logo

NTDB id 1131 NGFG RS05740 WP 003695064.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1103 NMB RS07590 WP 002212976.1       ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 55650 MYSTI RS05545 WP 015346725.1    .MAGGVNKVILIGNLGADPEVRFTPGGQAVANFRIATSESWNDKN.GQKQERTEWHRIVVWGKLAELCGEYLKKGRQCYV   78
NTDB id 1166 A1552VC RS00795 WP 000168289.1   MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1390 A4U84 RS00055 WP 021115958.1     ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                        **!!!!**!*!! !!**!**!*!*!!*****!!!!*!*!** !** !*!!!!***********!!**!*!!*!!  *!*

logo

NTDB id 1131 NGFG RS05740 WP 003695064.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQS...............QEAYQRPAQQSRQ   138
NTDB id 1103 NMB RS07590 WP 002212976.1       EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQS...............QEAYQRPAQQSRQ   138
NTDB id 55650 MYSTI RS05545 WP 015346725.1    EGRLQTREWTDKENRKNYTTEVVA....NAVTFLGGRDAGDGM.GGGGGGGGGRRQFGGQQQRGGMDGGDYGQPPPMDDG   153
NTDB id 1166 A1552VC RS00795 WP 000168289.1   EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGM.PAQGGM...NVPA.....Q....QGSWGQPQQPAKQ   147
NTDB id 1390 A4U84 RS00055 WP 021115958.1     EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDF.GGNQGSGWNQAPA.....QTNYNQGGYSDNYAQNNN   148
consensus                                     !!****!****** ********    * * *!**!  * *  **  ! *                ****  * ** **

logo

NTDB id 1131 NGFG RS05740 WP 003695064.1      PAPDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1       PASDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 55650 MYSTI RS05545 WP 015346725.1    M....GGG..............GGGGGGNNEDDIPF   171
NTDB id 1166 A1552VC RS00795 WP 000168289.1   H....Q..PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1390 A4U84 RS00055 WP 021115958.1     F....NGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                            *   **   *    ******* *!!!!!
```

X non conserved

X similar

X ≥ 50% conserved