```
logo
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 56793 LPE509 RS13535 WP 015444870.1 .MARGINKVILVGNVGADPDVRYLPNGNAVTTLSVATSETWKDKTTGEKQDRTEWHRVVCFNRLGEIAGEYIRKGSKLYV   79
NTDB id 1390 A4U84 RS00055 WP 021115958.1   ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                      **!!!!**!**! !!**!**!*!*!! ****!!!!*!*!* *!** **!!!!***********!*!!*!**!!* *!*
```

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logo
NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVAN....EMKMLGGRNENSGGAPYDEGYGQSQE.........AYQRPAQQSRQPAPDA   143
NTDB id 1103 NMB RS07590 WP 002212976.1     EGRIQSRKYQGKDGIERTAYDIVAN....EMKMLGGRNENSGGAPYEEGYGQSQE.........AYQRPAQQSRQPASDA   143
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG.MPAQGG...MNVPAQ....QGSWGQP....QQPA..K   146
NTDB id 56793 LPE509 RS13535 WP 015444870.1 EGSLRTRKWQDQQGQDRYTTEIVAS....DIQMLDSKGSSAT.........................NY..DDMPSFQG   127
NTDB id 1390 A4U84 RS00055 WP 021115958.1   EGKLKTRKWQDQNGQDRYTTEIQGD....VLQMLDSRSSGGD.FGGNQGSGWNQAPAQTNYNQGGYSDNY..AQNNNFNG   151
consensus                                   !!*****!!*!** !**!*******     ***!!***  ***  *   * *  *          **  *     ***  *
```

```
logo
NTDB id 1131 NGFG RS05740 WP 003695064.1     PSHPQEAPAAPRRQPV.PAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1     PSHPQEAPAAPRRQPV.PAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1 QHQPMQ.QSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 56793 LPE509 RS13535 WP 015444870.1 TSTPQQASTKNQATPTSTAQDAFDELDDDIPF   159
NTDB id 1390 A4U84 RS00055 WP 021115958.1   GNATR...PQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                    * ** *  **   *   *  *****!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved