```
logo

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 59144 L483 RS02470 WP 016484656.1    .MARGVNKVILVGTCGQDPEVRYLPNGNAVTNLSLATSEQWTDKQSGQKVERTEWHRVSLFGKVAEIAGEYLRKGSQCYI   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                        **!!!!**! *!*!!**!**!*!*!! ****!!!!*!*!* *!***!*!!!!********!!*!!*!!*!!* *!*

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNEN..SGGAPYEEGYGQSQE..AYQRPAQ...QSRQPASDAPS   145
NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNEN..SGGAPYDEGYGQSQE..AYQRPAQ...QSRQPAPDAPS   145
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGNQGS.GWNQAPAQTNYNQGGYSDNYAQNNNFNGG.   152
NTDB id 59144 L483 RS02470 WP 016484656.1    EGKLQTREWEKD.GIKRYTTEIIV.DINGTMQLLGGRPQGQQQGGDPYNQG......GGNYNQGGQPQQYNQAPPRQQAQ   151
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQ...GGMPAQGGMNVPAQQGSWGQPQQPA.......KQHQP   150
consensus                                    !!****!***   !**!*******      ***!**!  *   !! **  !* *      ******      **  **

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      HPQEAPA...APRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     HPQEAPA...APRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ....NATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 59144 L483 RS02470 WP 016484656.1    RPQQAPQRP.APQQPAPQPAADFDSFDDDIPF   182
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MQQSAPQ.....QYSQPQYNEPPMDFDDDIPF   177
consensus                                     ** **    ****   *************!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved