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 1390 A4U84 RS00055 WP 021115958.1      ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 1112603 KHO07 RS03020 WP 007970128.1   .MARGVNKVILVGTCGQDPEVRYLPNGNAVTNLSLATSEQWTDKQTGQKVEKTEWHRVSMFGKVAEIAGEYLRKGSQVYI   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1    MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                          **!!!!**! *!*!!**!**!*!*!! ****!!!!*!*!* *!***!*!!!!********!!*!!*!!*!!* !!*
```

logo

```
NTDB id 1131 NGFG RS05740 WP 003695064.1       EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEG..YGQSQEAYQRPAQQSRQPA...PD.....   142
NTDB id 1103 NMB RS07590 WP 002212976.1        EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEG..YGQSQEAYQRPAQQSRQPA...SD.....   142
NTDB id 1390 A4U84 RS00055 WP 021115958.1      EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGD.FGGNQGSG.......WNQAPAQTNYNQGGYSDNYAQN   146
NTDB id 1112603 KHO07 RS03020 WP 007970128.1   EGKLQTREWEK.DGIKRYTTEIVV.DMQGTMQLLGGRPQGDQ.QGQGGGNNY.QQSAPRQQAPRPAPQQ..........   144
NTDB id 1166 A1552VC RS00795 WP 000168289.1    EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG.MPAQGGMNVPAQQGSWGQPQQPAKQH..........   148
consensus                                      !!****!***  *!**!*******      ***!**!  * *  *   !  * * *  **** *****      *
```

logo

```
NTDB id 1131 NGFG RS05740 WP 003695064.1       ..APSHPQEAPAAPRRQP.VPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1        ..APSHPQEAPAAPRRQP.VPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1      NNFNGGNAT.RPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1112603 KHO07 RS03020 WP 007970128.1   .....QPQR.P.APQ.QAAPQPAPDFDSFDDDIPF   171
NTDB id 1166 A1552VC RS00795 WP 000168289.1    .....QPMQ.QSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                            **  * *!  **  *** *****!!!!!!
```

X non conserved

X similar

X ≥ 50% conserved