logo

```
NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGLVYL   76
NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGLVYL   76
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 156252 A0C04 RS22835 WP 060696761.1  .MARGVNKVILVGTCGQDPEVRYLPNGNAVTNLSLATSEQWTDKQTGQKVEKTEWHRVSMFGKVAEIAGEYLRKGSQVYI   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                        **!!!!**! *!*!!**!**!*!*!! ****!!!!*!*!* *!***!*!!!!********!!*!!*!!*!!* !!*
```

logo

```
NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEG..YGQSQEAYQRPAQQSRQPAPD........   142
NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEG..YGQSQEAYQRPAQQSRQPASD........   142
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDF.GGNQG.......SGW...NQAPAQTNYNQGGYSDNY   143
NTDB id 156252 A0C04 RS22835 WP 060696761.1  EGKLQTREWEK.DGIKRYTTEIVV.DMQGTMQLLGGRPQGDQQ.NQGGGNNYQQQQSAP...RQQAQRPAPQ........   145
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGM.PAQGGMNVPAQQGSW...G.QPQQPA..........   145
consensus                                    !!****!***  *!**!*******      ***!**!  * *  *   !  * * * **   ***  ***
```

logo

```
NTDB id 1131 NGFG RS05740 WP 003695064.1     .....APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1      .....APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1    AQNNNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 156252 A0C04 RS22835 WP 060696761.1  ..QQQQPQQQQSRPAP.QQQAPQPAPDFDSFDDDIPF   179
NTDB id 1166 A1552VC RS00795 WP 000168289.1  ..KQHQPMQQ.SAPQ..QYSQPQYNEPPMDFDDDIPF   177
consensus                                       *  *  ****!*  ***  *** *****!!!!!!
```

X non conserved

X similar

X $\geq$50% conserved