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 422393 G3U99 RS05870 WP 006958299.1  MASRGVNKVILVGNLGSDPEVRYMPSGGAVANITIATSESWRDKATGEQREKTEWHRVSLFGKLAEVAGEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                        **!!!!**!*!! !!**!*!!*!*!!*****!!!!*!*!* *!***!*!!!!********!!*!!*!!*!!* !!*
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NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQS..QEAYQRPAQQSRQPAS...D.....  142
NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQS..QEAYQRPAQQSRQPAP...D.....  142
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGD.FGGNQG.......SGWNQAPAQTNYNQGGYSDNYAQN  146
NTDB id 422393 G3U99 RS05870 WP 006958299.1  EGQLQTRKWQDQNGQDRYSTEVVVQGFNGVMQMLGGRAQGGA.P..GQSMGQPQQQGGWGQPQQPAMQ.QS........Q  148
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG.MPAQGGMNVPAQQGSWGQPQQPAKQ.H..........  148
consensus                                    !!****!!*!** !**!*******     ***!!**!  ***  *   * **   * ***** *****      *
```

logo

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NTDB id 1103 NMB RS07590 WP 002212976.1      ..APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF  174
NTDB id 1131 NGFG RS05740 WP 003695064.1     ..APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF  174
NTDB id 1390 A4U84 RS00055 WP 021115958.1    NNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF  180
NTDB id 422393 G3U99 RS05870 WP 006958299.1  PAQAQQPYSQPQQQNQNQPQYNEPPMDFDDDIPF  182
NTDB id 1166 A1552VC RS00795 WP 000168289.1  .....QPMQQSAPQQYSQPQYNEPPMDFDDDIPF  177
consensus                                          *   **  ***  **  !****!!!!!!
```

X non conserved

X similar

X $\geq$50% conserved