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 189812 FORC41 RS07860 WP 061091608.1  MASRGVNKVIIIGRLGHDPEIRYSPSGTAFANLTVATSEQWRDKQTGEQKEQTEWHRVVMSGKLAEIASEYLRKGSEVYL   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1   MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                         **!!!!**!*!!  !!**!**!*!*!******!!!!*!*!*  *!***!*!!!!!*********!!*!**!!*!!*  !!*
```

logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1       EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYEEGYGQSQEAYQRPAQQS.....RQPASDAPSHP   147
NTDB id 1131 NGFG RS05740 WP 003695064.1      EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYDEGYGQSQEAYQRPAQQS.....RQPAPDAPSHP   147
NTDB id 1390 A4U84 RS00055 WP 021115958.1     EGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSGGD.FGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGN   153
NTDB id 189812 FORC41 RS07860 WP 061091608.1  EGKLRTRKWQDQSGQDRFTTEVIV.GVGGTMQMIGGKQGGNE.QS..........SPQRNNG.................Q   131
NTDB id 1166 A1552VC RS00795 WP 000168289.1   EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG.MPAQGGM..NVPAQQGSWGQP.....QQPAKQHQPMQ   152
consensus                                     !!****!!*!**  !**!******     *   **!****** *  *   *    *  *  *  *  !*   **        ***        *
```

logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1       QEAPAAPRRQPVPAAAPVEDIDDDIPF...............   174
NTDB id 1131 NGFG RS05740 WP 003695064.1      QEAPAAPRRQPVPAAAPVEDIDDDIPF...............   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1     ATRPQPAQKPAAQAEPPMDNFDDDIPF...............   180
NTDB id 189812 FORC41 RS07860 WP 061091608.1  QQRQQPQQQ.GNHSEPPM.DFDDDIPFAPVTLPFPRHAIHAI   171
NTDB id 1166 A1552VC RS00795 WP 000168289.1   QSAPQQYSQ.PQYNEPPM.DFDDDIPF...............   177
consensus                                     * ***    *  *   ***!**!**!!!!!!
```

X non conserved
X similar
X $\geq$ 50% conserved