```
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 988722 V9953 RS07035 WP 142836750.1  MASKGVNKCILIGHLGQDPEIRYMPSGGAVANLTLATSESWRDKQTGEMKDRVEWHRVCIFGKLAEIAGEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                        **!!*!**! !!*!!**!*!!*!*!!*****!!!!*!*!* *!******!!!***********!!*!!*!!*!!* !!*

logo

NTDB id 1131 NGFG RS05740 WP 003695064.1      EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYDEGYGQSQEAYQRPAQQSRQPAPDAPSH......   146
NTDB id 1103 NMB RS07590 WP 002212976.1       EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYEEGYGQSQEAYQRPAQQSRQPASDAPSH......   146
NTDB id 1390 A4U84 RS00055 WP 021115958.1     EGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSGGD.FGGN..............QGSGWNQAPAQTNYNQGGY   139
NTDB id 988722 V9953 RS07035 WP 142836750.1  EGSLQTRKWQDQSGQDRYTTEVVVN.IGGTMQMLGGNGG......NQAGS.......QKPQQNQGWGQPQQPQAPKQ...   143
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG.MPAQGGM.......NVPAQQGSWGQPQQPAKQHQ...   149
consensus                                    !!*****!!*!** !**!******    *  **!!***  * *  * * *        ****!** * ** ***   *

logo

NTDB id 1131 NGFG RS05740 WP 003695064.1      .............PQEAPAAPRRQPVPAAAPVEDIDDDIPF...............   174
NTDB id 1103 NMB RS07590 WP 002212976.1       .............PQEAPAAPRRQPVPAAAPVEDIDDDIPF...............   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1     SDNYAQNNNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF...............   180
NTDB id 988722 V9953 RS07035 WP 142836750.1  .............ASSNQ.......TPQSEPPQDWDDPIPFAPIGLPYPRHAIYVI   179
NTDB id 1166 A1552VC RS00795 WP 000168289.1  .............PMQQSAPQQYSQPQYNEPPMDFDDDIPF...............   177
consensus                                                 *   **   *   **  !****!!*!!!
```

X non conserved

X similar

X $\geq$ 50% conserved