logo

```
NTDB id 1039671 ACCQ18 RS07325 WP 005913267.1  .MARGINKVILVGNLGNDPDTKYTQAGMAITRVSLATTSMRKDR.DGNNQERTEWHRVVFFGKLGEIAGEYLRKGSQVYV   78
NTDB id 1103 NMB RS07590 WP 002212976.1        ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1       ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1    MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1390 A4U84 RS00055 WP 021115958.1      ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                          **!!!!**!*!!*!!*******!*!* ****!!*****!*  !** !*!!!!*********!*!!*!!*!!* !!*
```

logo

```
NTDB id 1039671 ACCQ18 RS07325 WP 005913267.1  EGELRYDKYTGQDGVEKYSTDIVA....NEMQMLGGRGEGGGGMGGDR.PQRSAPRQQGGGGGQGGGGYGG.........   145
NTDB id 1103 NMB RS07590 WP 002212976.1        EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQSQE.............AYQRPAQQSRQP   139
NTDB id 1131 NGFG RS05740 WP 003695064.1       EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQSQE.............AYQRPAQQSRQP   139
NTDB id 1166 A1552VC RS00795 WP 000168289.1    EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQG.GMPAQGGM...NVPAQ........QGSWGQPQQPAK..   146
NTDB id 1390 A4U84 RS00055 WP 021115958.1      EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGG.DFGGNQGSGWNQAPAQTNY....NQGGYSDNYAQNN..   147
consensus                                      !!*****!*****!**********    ****!!**! ******** ** ** * * *         ***  * ** *
```

logo

```
NTDB id 1039671 ACCQ18 RS07325 WP 005913267.1  ...GGGGQDYAPRRQQPAQQQSAPPMDDFADDDIPF   178
NTDB id 1103 NMB RS07590 WP 002212976.1        ASDAPSHPQEAPAAPRRQPVPAAAPVEDI.DDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1       APDAPSHPQEAPAAPRRQPVPAAAPVEDI.DDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1    ..QHQ..PMQQSAPQQYSQPQYNEPPMDF.DDDIPF   177
NTDB id 1390 A4U84 RS00055 WP 021115958.1      ..NFNGGNATRPQPAQKPAAQAEPPMDNF.DDDIPF   180
consensus                                         *   *  ***  **   ***  !****  !!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved