```
logo
NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 210432 BTV20 RS06690 WP 011609284.1  ..MAGVNKVIIVGNLGNAPEIRTMPNGDAVANISVATSESWIDKNTNERREITEWHRIVFYRRQAEVAGEYLRKGSKVYV   78
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                       **!!!!**!*!!**!**!*!!*!*!!*****!!!!*!*!*******!*!!!!*********!!*!!*!!*!!* !!*
```

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logo
NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQSQ.........EAYQRPAQQSRQPASDA   143
NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQSQ.........EAYQRPAQQSRQPAPDA   143
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG.MPAQGGMN...VPA....QQGSWGQPQQPAKQHQP..   150
NTDB id 210432 BTV20 RS06690 WP 011609284.1  EGRLRTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSDRGQ.MGGYEPQQQP......TYQ................S..   130
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGD.FGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGN   153
consensus                                    !!*****!!*!** !**!*******     ***!!**! ****  ** ** ** *       *  **  * ** **
```

```
logo
NTDB id 1103 NMB RS07590 WP 002212976.1      PSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     PSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1  ..M..QQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 210432 BTV20 RS06690 WP 011609284.1  ..H..SQPKPSI...ASPSPVDAPLDDDIPF   154
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..A..TRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                      *    ***  *    *  *****!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved