```
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 1158770 QOS47 RS01725 WP 283596941.1 MASRGVNKVILIGNLGNDPEIRYMPSGGAVANITIATSESWRDKATGEQREKTEWHRVALFGKLAEVAGEYLRKGSQVYI   80
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                        **!!!!**!*!!*!!**!*!!*!*!!*****!!!!*!*!* *!***!*!!!!********!!*!!*!!*!!* !!*

logo
NTDB id 1131 NGFG RS05740 WP 003695064.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQ..SQEAYQRPAQQSRQPAP....DAPSH  146
NTDB id 1103 NMB RS07590 WP 002212976.1       EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQ..SQEAYQRPAQQSRQPAS....DAPSH  146
NTDB id 1390 A4U84 RS00055 WP 021115958.1     EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGD.FGGN......QGSGWNQAPAQTNYNQGGYSDNYAQN  146
NTDB id 1158770 QOS47 RS01725 WP 283596941.1 EGQLQTRKWQNQQGQDQYTTEVVVQGFNGVMQMLGGRNGGQG.APM.GGQQQQQNQGNWGQPQQPAAAPQQNYAPQQPQQ  158
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG.MPAQGGMNVPAQQGSWGQPQQPAKQHQP........  150
consensus                                    !!****!!*! * !**********     ***!!**!* * * **   *  *  ** ***** *******       *

logo
NTDB id 1131 NGFG RS05740 WP 003695064.1      P.....QE.APAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1       P.....QE.APAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1     NNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1158770 QOS47 RS01725 WP 283596941.1 PQQ.HQQAPQQSAPQQPQQQYNEPPMDFDDDIPF   191
NTDB id 1166 A1552VC RS00795 WP 000168289.1  .......MQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                    *     *   ******   **  !****!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved