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 40983 THICY RS00850 WP 013834724.1 ..MRGVNKVILVGTLGRDPEVRFAANGNATANLSVATSEQWNDRATGERQERTEWHRVVIFGKLAEIAQQYLTKGSQVYF   78
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                  **!!!!**!  !!*!!**!****!*!*******!!!!*!*!* *!** !*!!!!*****!!*!**!!*!!* !!*
```

logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1   EGRIQSRKYQGK.DGIERTAYDIV....ANEMKMLGGRNENSGGAPY...........EEGYGQS.......QEAYQRPA   133
NTDB id 1131 NGFG RS05740 WP 003695064.1  EGRIQSRKYQGK.DGIERTAYDIV....ANEMKMLGGRNENSGGAPY...........DEGYGQS.......QEAYQRPA   133
NTDB id 1390 A4U84 RS00055 WP 021115958.1 EGKLKTRKWQDQ.NGQDRYTTEIQ....GDVLQMLDSRSSGGDFGGN..........QGSGWNQAPAQTNYNQGGYSDNY   143
NTDB id 40983 THICY RS00850 WP 013834724.1 EGKLQTRKWQDQATGQDKYSTEIVIDQGGGVMQMLGGGNRQGGQSAGGMGSMGGDAYDQSNYGAAPARPAAASGGYAQPP   158
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQ.SGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNVP.................AQQGSWGQPQ   142
consensus                                  !!****!!*!**  !*********    * ***!!**** *** **              ****        ****   *
```

logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1   QQSRQPASDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1  QQSRQPAPDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1 ....AQNNNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 40983 THICY RS00850 WP 013834724.1 ....VQGGGAPRSAAKQPAAQQR.PAYQ..PNDFDDDVPF   192
NTDB id 1166 A1552VC RS00795 WP 000168289.1 ....QPAKQHQPMQQSAPQQYSQ.PQYNEPPMDF.DDDIPF   177
consensus                                     *** **   * *!**  * *  *  !** !!!*!!
```

X non conserved

X similar

X ≥ 50% conserved