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 112681 PSYRB RS22875 WP 024659933.1 .MARGVNKVILVGTCGQDPEVRYLPNGNAVTNLSLATSEQWTDKQSGEKKEKTEWHRVSMFGKVAEIAGEYLRKGSQVYI   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                 **!!!!**! *!*!!**!**!*!*!!! ****!!!!*!*!* *!***!*!!!!*********!!*!!*!!*!!* !!*
```

logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1   EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQSQEAYQRPAQQSRQ.PA..SDAPSH...   146
NTDB id 1131 NGFG RS05740 WP 003695064.1  EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQSQEAYQRPAQQSRQ.PA..PDAPSH...   146
NTDB id 1390 A4U84 RS00055 WP 021115958.1 EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGD.FGGNQGSGWN.QAP...AQTNYNQGGYSDNYAQNNNF   149
NTDB id 112681 PSYRB RS22875 WP 024659933.1 EGKLQTREWEK.DGIKRYTTEIVV.DMQGTMQLLGGRPQGDA.QQGQGGGGNYNQSAPRPQQSRPQQSAPQQNYNQQP..   154
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG.MPAQGGMNVPAQQG...SWGQPQQPA.....KQHQ..   149
consensus                                 !!****!***  *!**!******      ***!**!  * *  *** ! ** ***  ****   ****       **
```

logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1   ...PQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1  ...PQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1 NGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 112681 PSYRB RS22875 WP 024659933.1 .PQRDSRPAPQ.QQAPQPAADFDSFDDDIPF   183
NTDB id 1166 A1552VC RS00795 WP 000168289.1 .PMQQSAPQ.Q.YSQPQYNEPPMDFDDDIPF   177
consensus                                 ***!*    **  ******!***!!!!!!
```

X non conserved

X similar

X ≥ 50% conserved