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 418832 FX986 RS03675 WP 191237463.1 .MARGINKAILIGHLGQDPEVRFTPSGSAVANLSIATTDKWRDRQTGNVQERTEWHRVVMFNKTAEIAQQYLKKGAQVYI   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                  **!!*!**!  !!*!!**!**!*!*!!*****!!***!*!* *!** !*!!!!*********!!*!**!!*!!* !!*
```

logo

```
NTDB id 1131 NGFG RS05740 WP 003695064.1   EGRIQSRKYQGKDGIERTAYDIVANE....MKMLGGRNEN..........SGGAPYDEGYGQS...QEAYQRPAQQSRQP   139
NTDB id 1103 NMB RS07590 WP 002212976.1    EGRIQSRKYQGKDGIERTAYDIVANE....MKMLGGRNEN..........SGGAPYEEGYGQS...QEAYQRPAQQSRQP   139
NTDB id 1390 A4U84 RS00055 WP 021115958.1  EGKLKTRKWQDQNGQDRYTTEIQGDV....LQMLDSRSSGGDFGGNQGSGWNQAPAQTNYN.....QGGYSDNYAQNNNF   149
NTDB id 418832 FX986 RS03675 WP 191237463.1 EGRLQTRKWKDQQGIERYSTEIVAND....MQMLGGSGGGQP......SQTQRPPAQQGYQQPPQQQGGYQHPAPA.STH   148
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQ..........Q.GGMPAQQGGMN.VPAQQGSWGQPQQPAKQH   148
consensus                                  !!****!!**** !**!********* **!!***          ****!** **** !**** **** **
```

logo

```
NTDB id 1131 NGFG RS05740 WP 003695064.1   APDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1    ASDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1  NGGNATRPQ..PAQKPA..AQAEPPMDNFDDDIPF   180
NTDB id 418832 FX986 RS03675 WP 191237463.1 HGVGQPSTS..QQQTNSFGAPPAGSFDDFDDEIPF   181
NTDB id 1166 A1552VC RS00795 WP 000168289.1 QPMQQSAPQ..QYSQPQYNEPP....MDFDDDIPF   177
consensus                                     * *  **  **        **********!!*!!!
```

X non conserved

X similar

X ≥ 50% conserved