logo

```
NTDB id 1077 ABD1 RS06150 WP 000203218.1          MTSNFSQLS....TDALSPGQLPESVKALLKRAHINRYPKRTTIVDAGTESKSLYLILKGSVSIILREDDEREIVVAYLN   76
NTDB id 1126727 FGK83 RS00180 WP 112102720.1      MSNELTEVDDVVTSPQEETTPNDPILDWFLTHCHLHKYPAKSTLIHAGEDATTLYYVIKGSVMVSSKDDEGKEMILTYLG   80
NTDB id 1409 HI 0957 AAC22618.1                   MSNELTEIDEVVTSSQEEATQRDPVLDWFLTHCHLHKYPAKSTLIHAGEDATTLYYVIKGSVMVSSKDDEGKEMILTYLG   80
NTDB id 1145 A1552VC RS12025 WP 000242749.1       ..............MVLGKPQTDPTLEWFLSHCHIHKYPSKSTLIHAGEKAETLYYIVKGSVAVLIKDEEGKEMILSYLN   66
consensus                                         ****************** * * ** ** ****!***!***!!***!***!!******!!***!!!!**********!****!!
```

logo

```
NTDB id 1077 ABD1 RS06150 WP 000203218.1          PGDFFGEMGLFEPNPQRTAEVRTRDVCEIAEISYDNFHELSKQYPDLSYAVFAQLVRRLKNTTRKMTDLAFIDVSGRIAR   156
NTDB id 1126727 FGK83 RS00180 WP 112102720.1      AGQFFGEVGLFDEGSKRSAWVKTKTTCEIAEISYKKYRQLIQANPEILMFLTAQLARRLQNTSRQVSNLAFLDVAGRIAQ   160
NTDB id 1409 HI 0957 AAC22618.1                   AGQFFGEAGLFDEGSKRSAWVKTKTTCEIAEISYKKYRQLIQANPEILMFLTAQLARRLQNTSRQVTNLAFLDVAGRIAQ   160
NTDB id 1145 A1552VC RS12025 WP 000242749.1       QGDFIGELGLFEEGQERTAWVRAKTPCEVAEISFKKFRQLIQVNPDILMRLSGQMARRLQVTSQKVGDLAFLDVTGRIAQ   146
consensus                                         *!  !*!!*!!!*****!*!*!*****!!*!!!!******!****!********!**!!!**!**  **  !!!*!!*!!!!*
```

logo

```
NTDB id 1077 ABD1 RS06150 WP 000203218.1          CLIDLSSQPEAMILPNGRQIRITRQEIGRIVGCSREMVGRVLKTLEDQGMIQTDGKAILIFDTSLEETPVTDEDYDEEE   235
NTDB id 1126727 FGK83 RS00180 WP 112102720.1      TLMNLAKQPDAMTHPDGMQIKITRQEIGQMVGCSRETVGRIIKMLEDQNLIHAHGKTIVVYGAR.................   224
NTDB id 1409 HI 0957 AAC22618.1                   TLMNLAKQPEAMTHPDGMQIKITRQEIGQMVGCSRETVGRIIKMLEDQNLIHAHGKTIVVYGAR.................   224
NTDB id 1145 A1552VC RS12025 WP 000242749.1       TLLNLARQPDAMTHPDGMQIKITRQEIGQIVGCSRETVGRILKMLEEQNLISAHGKTIVVYGTR.................   210
consensus                                         *!**!**!!*!!**!*!*!!*!!!!!!!**!!!!!!*!!!**!*!!*!**!***!!*!****  *
```

X non conserved
X similar
X ≥ 50% conserved