```
logo
NTDB id 1077 ABD1 RS06150 WP 000203218.1      MTS...NFSQL.STDALSPGQLPESVKALLKRAHINRYPKRTTIVDAGTESKSLYLILKGSVSIILREDDEREIVVAYLN   76
NTDB id 179439 A6037 RS02410 WP 172592915.1   MQDISISTPRLDGEVSPPPSIHDPAVEWFLTHCHIHRYPSKYTLIHAGEEANSLFYIVSGSVAVFIKDDEGKEMILSHLG   80
NTDB id 1145 A1552VC RS12025 WP 000242749.1   ..............MVLGKPQTDPTLEWFLSHCHIHKYPSKSTLIHAGEKAETLYYIVKGSVAVLIKDEEGKEMILSYLN   66
NTDB id 1409 HI 0957 AAC22618.1               MSNELTEIDEVVTSSQEEATQRDPVLDWFLTHCHLHKYPAKSTLIHAGEDATTLYYVIKGSVMVSSKDDEGKEMILTYLG   80
consensus                                     **         * *** * *** *******!***!***!!***!***!!*** *!*****!!!*********!*****!

logo
NTDB id 1077 ABD1 RS06150 WP 000203218.1      PGDFFGEMGLFEPN.PQRTAEVRTRDVCEIAEISYDNFHELSKQYPDLSYAVFAQLVRRLKNTTRKMTDLAFIDVSGRIA   155
NTDB id 179439 A6037 RS02410 WP 172592915.1   QGEFVGEISLFEENTQPRTAWVKTKDACEIAEISYEKFKQLVHVNPDILMYLAAQMACRLRQTSRQVSNLAFLDVTGRIA   160
NTDB id 1145 A1552VC RS12025 WP 000242749.1   QGDFIGELGLFEEG.QERTAWVRAKTPCEVAEISFKKFRQLIQVNPDILMRLSGQMARRLQVTSQKVGDLAFLDVTGRIA   145
NTDB id 1409 HI 0957 AAC22618.1               AGQFFGEAGLFDEG.SKRSAWVKTKTTCEIAEISYKKYRQLIQANPEILMFLTAQLARRLQNTSRQVTNLAFLDVAGRIA   159
consensus                                     *!*!*!!**!!**  * !*!*!***  !!*!!!!******!****!*******!***!!**!** ** !!!*!!*!!!!

logo
NTDB id 1077 ABD1 RS06150 WP 000203218.1      RCLIDLSSQPEAMILPNGRQIRITRQEIGRIVGCSREMVGRVLKTLEDQGMIQTDGKAILIFDTSLEETPVTDEDYDEEE   235
NTDB id 179439 A6037 RS02410 WP 172592915.1   QTLMNLAKMPEAMTHPEGMQIKITRQEIGQMVGCSRETVGRILKMLEDEGLISAHGKTIVVYGTR...............   225
NTDB id 1145 A1552VC RS12025 WP 000242749.1   QTLLNLARQPDAMTHPDGMQIKITRQEIGQIVGCSRETVGRILKMLEEQNLISAHGKTIVVYGTR...............   210
NTDB id 1409 HI 0957 AAC22618.1               QTLMNLAKQPEAMTHPDGMQIKITRQEIGQMVGCSRETVGRIIKMLEDQNLIHAHGKTIVVYGAR...............   224
consensus                                     **!**!***!*!!**!*!*!!*!!!!!!!**!!!!!!*!!!**!*!!** *!***!!*!******
```

X non conserved

X similar

X $\geq$ 50% conserved