```
logo

NTDB id 298569 DOM24 RS04660 WP 005014956.1  MNSNFSQL....STDALSPGQLPESVKALLKRAKINRFPKRTTIIDAGTESKSLYLILKGSVSIVLREDDDREIVVAYLN   76
NTDB id 1077 ABD1 RS06150 WP 000203218.1     MTSNFSQL....STDALSPGQLPESVKALLKRAHINRYPKRTTIVDAGTESKSLYLILKGSVSIILREDDEREIVVAYLN   76
NTDB id 1145 A1552VC RS12025 WP 000242749.1  ..............MVLGKPQTDPTLEWFLSHCHIHKYPSKSTLIHAGEKAETLYYIVKGSVAVLIKDEEGKEMILSYLN   66
NTDB id 1409 HI 0957 AAC22618.1              MSNELTEIDEVVTSSQEEATQRDPVLDWFLTHCHLHKYPAKSTLIHAGEDATTLYYVIKGSVMVSSKDDEGKEMILTYLG   80
consensus                                    *******    ********!******  !********!***!***!! * **!! **!!!!**********!****!!*

logo

NTDB id 298569 DOM24 RS04660 WP 005014956.1  PGDFFGEMGLFEANPQRTAEVRTREMCEIAEISYENFHELSKQFPDLSYAVFAQLVRRLKNTTRKVTDLAFIDVSGRIAR  156
NTDB id 1077 ABD1 RS06150 WP 000203218.1     PGDFFGEMGLFEPNPQRTAEVRTRDVCEIAEISYDNFHELSKQYPDLSYAVFAQLVRRLKNTTRKMTDLAFIDVSGRIAR  156
NTDB id 1145 A1552VC RS12025 WP 000242749.1  QGDFIGELGLFEEGQERTAWVRAKTPCEVAEISFKKFRQLIQVNPDILMRLSGQMARRLQVTSQKVGDLAFLDVTGRIAQ  146
NTDB id 1409 HI 0957 AAC22618.1              AGQFFGEAGLFDEGSKRSAWVKTKTTCEIAEISYKKYRQLIQANPEILMFLTAQLARRLQNTSRQVTNLAFLDVAGRIAQ  160
consensus                                    *!*!*!!*!!!** **!*! !*****!!*!!!!** ** !  **!**  ****!* !!! *!******!!!*!!*!!!!

logo

NTDB id 298569 DOM24 RS04660 WP 005014956.1  CLIDLASQPEAMILPNGRQIRITRQEIGRIVGCSREMVGRVLKTLEEQGMIETEGKAILIFDSSLEQNNESSASDFDTED  236
NTDB id 1077 ABD1 RS06150 WP 000203218.1     CLIDLSSQPEAMILPNGRQIRITRQEIGRIVGCSREMVGRVLKTLEDQGMIQTDGKAILIFDTSLEETPVTD.EDYDEEE  235
NTDB id 1145 A1552VC RS12025 WP 000242749.1  TLLNLARQPDAMTHPDGMQIKITRQEIGQIVGCSRETVGRILKMLEEQNLISAHGKTIVVYGTR................  210
NTDB id 1409 HI 0957 AAC22618.1              TLMNLAKQPEAMTHPDGMQIKITRQEIGQMVGCSRETVGRIIKMLEDQNLIHAHGKTIVVYGAR................  224
consensus                                    *!* !**!!*!! *! ! !!*!!!!!!! *!!!!!! !!!**! !!*! *!  *!! !*** * **    *   *** **

logo

NTDB id 298569 DOM24 RS04660 WP 005014956.1  EE   238
NTDB id 1077 ABD1 RS06150 WP 000203218.1     ..   235
NTDB id 1145 A1552VC RS12025 WP 000242749.1  ..   210
NTDB id 1409 HI 0957 AAC22618.1              ..   224
consensus
```

X non conserved

X similar

X ≥ 50% conserved