```
logo

NTDB id 1159 ABDM36 RS04765 WP 001166105.1   MQIKTKIVTLFLSLCLPTLPL...LANAEETAPA............A.QVEEGIVITVNINTASAEELATLLKGIGLKKA   64
NTDB id 1150 A1552VC RS08580 WP 001166105.1  MQIKTKIVTLFLSLCLPTLPL...LANAEETAPA............A.QVEEGIVITVNINTASAEELATLLKGIGLKKA   64
NTDB id 1395 DSB67 RS04445 WP 010649155.1    .......MKWMLTLCLLILAP...MSWAE.TKTK............A.DKYEGIEITVNVNSATAQEIATLLIGIGEKKA   56
NTDB id 1294 VP RS04495 WP 021449594.1       .......MKWILTLCLVVFAP...LSLAA..DTK............A.DKYEGIEITVNINTASAEEIATMLKGIGEKKA   55
NTDB id 1382 A4U84 RS07375 WP 062924234.1    ...MKKLSRYTFSLL...FGLFSATTFAEEKVTTSTEHTPVVMQQVA.ATQKVNANVVNINTATASEIQDKLVGIGAKKA   73
NTDB id 380000 FWK62 RS00700 WP 132994579.1 ...MKKITSFFKSLLMLSVALGAFNAFAET.....PTQPPSSAQATQQVEQVIISDKLNINTATAEEIKHALIGIGSKKA   72
NTDB id 1362 HI 1008 AAC22669.1              ......MKTLFTSVVLCG.ALVVSSSFAEEKATXQTAQSVVTTQAEAQVAPAVVSDKLNINTATASEIQKSLTGIGAKKA   73
consensus                                         **********  ***   ***!**  *             *    *** ***!*!*!*!*!****! !!! !!!

logo

NTDB id 1159 ABDM36 RS04765 WP 001166105.1   QAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL.   103
NTDB id 1150 A1552VC RS08580 WP 001166105.1  QAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL.   103
NTDB id 1395 DSB67 RS04445 WP 010649155.1    QDIVEYRNEHGPFKTAADLTKVKGIGEATVRKNEDRILL.    95
NTDB id 1294 VP RS04495 WP 021449594.1       QSIVDYRTEHGPFKTAADLTNVKGIGEATIKKNEDRILL.    94
NTDB id 1382 A4U84 RS07375 WP 062924234.1    QAIVEYREKNGKFLNVEQLTEVSGIGKATLEKNRDCIVIE   113
NTDB id 380000 FWK62 RS00700 WP 132994579.1  EAIVQYREKFGKFTAAEQLLEVKGIGKATLEKNRDRIIF.   111
NTDB id 1362 HI 1008 AAC22669.1              EAIVQYREKHGNFXNAEQLLEVQGIGKATLEKNRDRIIF.   112
consensus                                    **!!*!!*  !*!  ***!* !*!!!*!!***! **!**
```

X non conserved

X similar

X $\geq$ 50% conserved