```
logo
NTDB id 1383 A4U84 RS08530 WP 005711781.1     MKKIRLIRPLAKAFTLIELMIVIAIIAILATIAIPSYTSYTQKAALSELLSASASYKSDVEICIYNVGDKK...ISECSS    77
NTDB id 1354 HI 0299 AAC21963.1               .MKLTTLQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE.....TTSCTG    74
NTDB id 310238 CH576 RS03630 WP 105894634.1   .MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTGK.....PSTCSG    74
NTDB id 1365 NTHI RS01955 WP 011271973.1      .MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE.....TTNCTG    74
NTDB id 1400 DSB67 RS12660 WP 010643261.1     ..MKTNKQKKQQGFTLIELMIVVAIIGILAALAIPAYQDYTKKATMAEFPKIASSTKLAVELCAHEHAADAGAFKTKCHQ    78
NTDB id 1002 ACIAD RS15100 WP 004923779.1     .......MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILN....AGALVAGTPS    69
NTDB id 1274 LPP RS09530 WP 011214168.1       ........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAIT....NNALPATQAA    68
NTDB id 1258 GCO85 RS09745 WP 014844212.1     ........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAIT....NNALPATQAA    68
consensus                                           **!!!!!!!!!*!!!*!!! *!!! !* !! *! **! * *  * !  !**** *         * * *
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logo
NTDB id 1383 A4U84 RS08530 WP 005711781.1     ....GKNGVRADKSDVPDAKYL......KSISVASGVIT.....VAGKGNIDGYGYTMTPK.FANNNITWATSCQGADIS   141
NTDB id 1354 HI 0299 AAC21963.1               ....GKNGIAADIKT..AKGYV......ASVITQSGGIT.....VKGNGTLANMEYILQAKGNAAAGVTWTTTCKGTDAS   137
NTDB id 310238 CH576 RS03630 WP 105894634.1   ....GSNGIAADITT..AKGYV......KSVTTSNGAIT.....VKGDGTLANMEYILQATGNAAAGVTWTTTCKGTDAS   137
NTDB id 1365 NTHI RS01955 WP 011271973.1      ....GKNGIAADITT..AKGYV......KSVTTSNGAIT.....VKGDGTLANMEYILQATGNAATGVTWTTTCKGTDAS   137
NTDB id 1400 DSB67 RS12660 WP 010643261.1     TA....NG.......IPAAFTLNNLTVTPAAGAASGAISITVNAANDKGPIKQNEKYILTATYASNGVTWSSECKDATNA   147
NTDB id 1002 ACIAD RS15100 WP 004923779.1     TAGSSCVGVQ....EISASNATTNVATATCGASSAGQIIVTMDTTKAKGA....NITLTPT.YASGAVTWKCTTTS.DKK   139
NTDB id 1274 LPP RS09530 WP 011214168.1       TGYV.............SPAATPNVASIAIGA..NGVITITY.TAAAGGG....TIVMTPTLQANGDVTWTCTGGTLLAK   128
NTDB id 1258 GCO85 RS09745 WP 014844212.1     TGYV.............SPAATPNVQSIAIGA..NGVITITY.TAAAGGG....TIIMTPTLQANGDVTWTCTGGTLLAK   128
consensus                                           ***         * * *             ! !*        * ! *     **  * *! ***!!****   **
```

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logo
NTDB id 1383 A4U84 RS08530 WP 005711781.1     LFPANFCGQKATP   154
NTDB id 1354 HI 0299 AAC21963.1               LFPANFCGSVTK.   149
NTDB id 310238 CH576 RS03630 WP 105894634.1   LFPANFCGSVTQ.   149
NTDB id 1365 NTHI RS01955 WP 011271973.1      LFPANFCGSVTQ.   149
NTDB id 1400 DSB67 RS12660 WP 010643261.1     VQTSYCP......   154
NTDB id 1002 ACIAD RS15100 WP 004923779.1     YVPSECRG.....   147
NTDB id 1274 LPP RS09530 WP 011214168.1       YRPASCRP.....   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1     YRPASCRP.....   136
consensus                                     * **   *
```

X non conserved

X similar

X $\geq$ 50% conserved