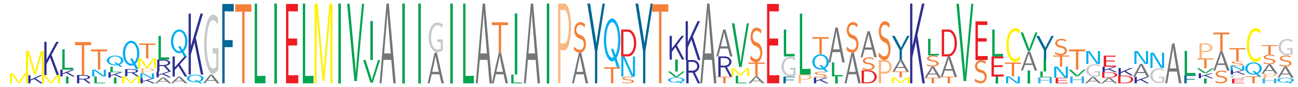
```
logo
```


```
NTDB id 1383 A4U84 RS08530 WP 005711781.1    MKKIRLIRPLAKAFTLIELMIVIAIIAILATIAIPSYTSYTQKAALSELLSASASYKSDVEICIYNVGDKK...ISECSS   77
NTDB id 310274 CH556 RS03585 WP 116945236.1  .MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKSDVELCVYSTGK.....PSTCSG   74
NTDB id 1365 NTHI RS01955 WP 011271973.1      .MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE.....TTNCTG   74
NTDB id 1354 HI 0299 AAC21963.1              .MKLTTLQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE.....TTSCTG   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 GC085 RS09745 WP 014844212.1    ........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAIT....NNALPATQAA   68
consensus                                               **!!!!!!!!!*!!!*!!! *!!! !* !! *! **! * *  * !  !**** *         * * *
```

```
logo
```

```
NTDB id 1383 A4U84 RS08530 WP 005711781.1    ....GKNGVR...ADKSDVPDAKYLKSISVASGVITV.....AGKGNIDGYGYTMTPK.FANNNITWATSCQGADISLFP   144
NTDB id 310274 CH556 RS03585 WP 116945236.1  ....GSNGIA...ADITT..AKGYVKSVTTSNGAITV.....AGNGTLDGMNYTLTAEGDSAKGVTWKTTCKGTDASLFP   140
NTDB id 1365 NTHI RS01955 WP 011271973.1      ....GKNGIA...ADITT..AKGYVKSVTTSNGAITV.....KGDGTLANMEYILQATGNAATGVTWTTTCKGTDASLFP   140
NTDB id 1354 HI 0299 AAC21963.1              ....GKNGIA...ADIKT..AKGYVASVITQSGGITV.....KGNGTLANMEYILQAKGNAAAGVTWTTTCKGTDASLFP   140
NTDB id 1400 DSB67 RS12660 WP 010643261.1    TA....NG...IPAAFTL.NNLTVTPAAGAASGAISITVNAANDKGPIKQNEKYILTATYASNGVTWSSECKDATNAVQT   150
NTDB id 1002 ACIAD RS15100 WP 004923779.1    TAGSSCVGVQEISASNAT.TNVATATCGASSAGQIIVTMDTTKAKGA....NITLTPT.YASGAVTWKCTTTS.DKKYVP   142
NTDB id 1274 LPP RS09530 WP 011214168.1      TGYV.........SPAAT.PNVASIAIGA..NGVITITY.TAAAGGG....TIVMTPTLQANGDVTWTCTGGTLLAKYRP   131
NTDB id 1258 GC085 RS09745 WP 014844212.1    TGYV.........SPAAT.PNVQSIAIGA..NGVITITY.TAAAGGG....TIIMTPTLQANGDVTWTCTGGTLLAKYRP   131
consensus                                          ***    *   *    * *       ! !**      * ! *      **    *  **!!****   ** * *
```

```
logo
```

```
NTDB id 1383 A4U84 RS08530 WP 005711781.1    ANFCGQKATP   154
NTDB id 310274 CH556 RS03585 WP 116945236.1  ANFCRSITQ.   149
NTDB id 1365 NTHI RS01955 WP 011271973.1      ANFCGSVTQ.   149
NTDB id 1354 HI 0299 AAC21963.1              ANFCGSVTK.   149
NTDB id 1400 DSB67 RS12660 WP 010643261.1    SY.CP.....   154
NTDB id 1002 ACIAD RS15100 WP 004923779.1    SE.CRG....   147
NTDB id 1274 LPP RS09530 WP 011214168.1      AS.CRP....   136
NTDB id 1258 GC085 RS09745 WP 014844212.1    AS.CRP....   136
consensus                                    *  !
```

X non conserved
X similar
X $\geq 50\%$ conserved