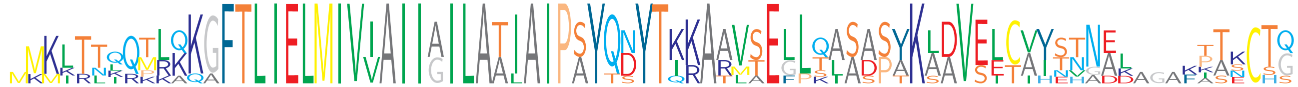
logo



```
NTDB id 1383 A4U84 RS08530 WP 005711781.1     MKKIRLIRPLAKAFTLIELMIVIAIIAILATIAIPSYTSYTQKAALSELLSASASYKSDVEICIYNVGDK...KISECSS   77
NTDB id 1354 HI 0299 AAC21963.1               .MKLTTLQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE.....TTSCTG   74
NTDB id 309992 CH613 RS03680 WP 005686726.1   .MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE.....ATKCTG   74
NTDB id 1365 NTHI RS01955 WP 011271973.1      .MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE.....TTNCTG   74
NTDB id 1400 DSB67 RS12660 WP 010643261.1     ..MKTNKQKKQQGFTLIELMIVVAIIGILAALAIPAYQDYTKKATMAEFPKIASSTKLAVELCAHEHAADAGAFKTKCHQ   78
NTDB id 1258 GC085 RS09745 WP 014844212.1     ........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNAL....PA..TQ   66
NTDB id 1274 LPP RS09530 WP 011214168.1       ........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNAL....PA..TQ   66
consensus                                       ***  * * **!!!!!!!!!*!!!*!!!**!!!*!* !!**!***!** *****! *!****** **      * **
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logo

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NTDB id 1383 A4U84 RS08530 WP 005711781.1     GKNGVRADKSDVPDAKYLKSISVASGVITV.....AGKGNI.DGYGYTMTPK.FANNNITWATSCQGADISLFPANFCGQ   150
NTDB id 1354 HI 0299 AAC21963.1               GKNGIAADIKT..AKGYVASVITQSGGITV.....KGNGTL.ANMEYILQAKGNAAAGVTWTTTCKGTDASLFPANFCGS   146
NTDB id 309992 CH613 RS03680 WP 005686726.1   GKNGIAADITT..AKGYVKSVTTSNGAITV.....KGDGTL.ANMEYILQASGNAATGVTWTTTCKGTDASLFPANFCGS   146
NTDB id 1365 NTHI RS01955 WP 011271973.1      GKNGIAADITT..AKGYVKSVTTSNGAITV.....KGDGTL.ANMEYILQATGNAATGVTWTTTCKGTDASLFPANFCGS   146
NTDB id 1400 DSB67 RS12660 WP 010643261.1     TANGIPAAFTLN.NLTVTPAAGAASGAISITVNAANDKGPIKQNEKYILTAT.YASNGVTWSSECKDATNAVQT.SYCP.   154
NTDB id 1258 GC085 RS09745 WP 014844212.1     AATGYVSPAATP...NVQSIAIGANGVITITYTAAAGGTI......IMTPTLQANGDVTWTCTGGTLLAKYRP.ASCRP   136
NTDB id 1274 LPP RS09530 WP 011214168.1       AATGYVSPAATP...NVASIAIGANGVITITYTAAAGGTI......VMTPTLQANGDVTWTCTGGTLLAKYRP.ASCRP   136
consensus                                     ***!* ** **     ** **  **!*!**      * !**  *  ****** *!  **!!****** *********!*
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NTDB id 1383 A4U84 RS08530 WP 005711781.1     KATP   154
NTDB id 1354 HI 0299 AAC21963.1               VTK.   149
NTDB id 309992 CH613 RS03680 WP 005686726.1   VTQ.   149
NTDB id 1365 NTHI RS01955 WP 011271973.1      VTQ.   149
NTDB id 1400 DSB67 RS12660 WP 010643261.1     ....   154
NTDB id 1258 GC085 RS09745 WP 014844212.1     ....   136
NTDB id 1274 LPP RS09530 WP 011214168.1       ....   136
consensus
```

X non conserved

X similar

X $\geq 50\%$ conserved