```
logo
NTDB id 1383 A4U84 RS08530 WP 005711781.1      MKKIRLIRPLAKAFTLIELMIVIAIIAILATIAIPSYTSYTQKAALSELLSASASYKSDVEICIYNVGDK...KISECSS   77
NTDB id 1354 HI 0299 AAC21963.1                .MKLTTLQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE.....TTSCTG   74
NTDB id 119782 NTHI723 RS06925 WP 044364865.1 .MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE.....TTNCTG   74
NTDB id 1365 NTHI RS01955 WP 011271973.1       .MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE.....TTNCTG   74
NTDB id 1400 DSB67 RS12660 WP 010643261.1      ..MKTNKQKKQQGFTLIELMIVVAIIGILAALAIPAYQDYTKKATMAEFPKIASSTKLAVELCAHEHAADAGAFKTKCHQ   78
NTDB id 1274 LPP RS09530 WP 011214168.1        ........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNAL....PA..TQ   66
NTDB id 1258 GCO85 RS09745 WP 014844212.1      ........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNAL....PA..TQ   66
consensus                                        ***  * * **!!!!!!!!!*!!!*!!!**!!!*!* !!**!***!** *****! *!****** **      * **

logo
NTDB id 1383 A4U84 RS08530 WP 005711781.1      GKNGVRADKSDVPDAKYLKSISVASGVITV.....AGKGNIDGYGYTMTPK.FANNNITWATSCQGADISLFPANFCGQK   151
NTDB id 1354 HI 0299 AAC21963.1                GKNGIAADIKT..AKGYVASVITQSGGITV.....KGNGTLANMEYILQAKGNAAAGVTWTTTCKGTDASLFPANFCGSV   147
NTDB id 119782 NTHI723 RS06925 WP 044364865.1 GKNGIAADITT..AKGYVASVKTQSGGITV.....KGNGTLANMEYILQATGNAATGVTWTTTCKGTDASLFPANFCGSV   147
NTDB id 1365 NTHI RS01955 WP 011271973.1       GKNGIAADITT..AKGYVKSVTTSNGAITV.....KGDGTLANMEYILQATGNAATGVTWTTTCKGTDASLFPANFCGSV   147
NTDB id 1400 DSB67 RS12660 WP 010643261.1      TANGIPAAFTLN.NLTVTPAAGAASGAISITVNAANDKGPIKQNEKYILTATYASNGVTWSSECKDATNAVQT.SYCP..   154
NTDB id 1274 LPP RS09530 WP 011214168.1        AATGYVSPAATP...NVASIAIGANGVITITYTAAAGGGTIVMT.....PTLQANGDVTWTCTGGTLLAKYRP.ASCRP.   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1      AATGYVSPAATP...NVQSIAIGANGVITITYTAAAGGGTIIMT.....PTLQANGDVTWTCTGGTLLAKYRP.ASCRP.   136
consensus                                      ***!* ** **     ** **  **!*!**      * !** * ** *  * *!  **!!****** **********!*

logo
NTDB id 1383 A4U84 RS08530 WP 005711781.1      ATP   154
NTDB id 1354 HI 0299 AAC21963.1                TK.   149
NTDB id 119782 NTHI723 RS06925 WP 044364865.1  TQ.   149
NTDB id 1365 NTHI RS01955 WP 011271973.1       TQ.   149
NTDB id 1400 DSB67 RS12660 WP 010643261.1      ...   154
NTDB id 1274 LPP RS09530 WP 011214168.1        ...   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1      ...   136
consensus
```

X non conserved

X similar

X $\geq$ 50% conserved