```
logo
NTDB id 1365 NTHI RS01955 WP 011271973.1     ..MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETTNC...TGG    75
NTDB id 1354 HI 0299 AAC21963.1              ..MKLTTLQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETTSC...TGG    75
NTDB id 1109 OK783 RS10670 WP 157147416.1    .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSAGV    73
NTDB id 1119 NGFG RS11465 WP 017147169.1     .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAGV    73
NTDB id 1191 AAC28468.1 484..945( )          ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAG    74
NTDB id 1424 RS RS02795 WP 011000517.1       MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLS.....VG    75
NTDB id 1002 ACIAD RS15100 WP 004923779.1    ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPSTAG    72
NTDB id 364423 FEO92 RS17825 WP 099589892.1 ........MKNQKGFTLIELMIVVAIIAILAAIALPAYQDYTIRAKVSEGIVQADAAKLAVAETAQSQGILATKVTNEEA    72
NTDB id 1258 GC085 RS09745 WP 014844212.1    .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPA...TQAA    68
NTDB id 1274 LPP RS09530 WP 011214168.1      .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPA...TQAA    68
consensus                                              **!!!!!!!!!!!*!!**!!!**!*!*!**!!**!***!** ***   * ****   ** *  *    * **

logo
NTDB id 1365 NTHI RS01955 WP 011271973.1     KNGIA.............ADITTAKGYVKS....VTTSNGAITVKGDGTLANME.....YILQ.........ATGNAATG   124
NTDB id 1354 HI 0299 AAC21963.1              KNGIA.............ADIKTAKGYVAS....VITQSGGITVKGNGTLANME.....YILQ.........AKGNAAAG   124
NTDB id 1109 OK783 RS10670 WP 157147416.1    ASA.................STIKGKYVQK....VEVAKGVVTAQMASTGVNKEIQDKKLSLW..........AKRQDGS   122
NTDB id 1119 NGFG RS11465 WP 017147169.1     ASPP................TDIKGKYVKE....VEVKNGVVTATMLSSGVNNEIKGKKLSLW..........GRRENGS   123
NTDB id 1191 AAC28468.1 484..945( )          NVIFDS......AN.......GLDGKYFAPGGVTVTPDTGAINIAFDAG.AN...AGKTMTITPTVI.......AASGQI   130
NTDB id 1424 RS RS02795 WP 011000517.1       SSVF........TPTKNVANLTIAGTGTVP.........GQITVTYTTAA.....GGGTLALVPTAAGTALPVSSAPSGP   133
NTDB id 1002 ACIAD RS15100 WP 004923779.1    SSCVGVQEISASNATTNVATA..TCGASSA.........GQIIVTMDTTKAK...G.ANITLT.........PTYASGA   127
NTDB id 364423 FEO92 RS17825 WP 099589892.1 AGYVS......KAT.TNVKSV....GI.AN.........GVITVTTQATGAK...ADPVLVLTP........TQTDLDSP   120
NTDB id 1258 GC085 RS09745 WP 014844212.1    TGYVS......PAATPNVQSI....AIGAN.........GVITITYTAAA.....GGGTIIMTP........TLQANGD   115
NTDB id 1274 LPP RS09530 WP 011214168.1      TGYVS......PAATPNVASI....AIGAN.........GVITITYTAAA.....GGGTIVMTP........TLQANGD   115
consensus                                       *            *** *    ** *     *    !*****  *****   **  *****            * *

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logo
NTDB id 1365 NTHI RS01955 WP 011271973.1     VTWTTTCK................GTDASLFPANFCGSVTQ.......   149
NTDB id 1354 HI 0299 AAC21963.1              VTWTTTCK................GTDASLFPANFCGSVTK.......   149
NTDB id 1109 OK783 RS10670 WP 157147416.1    VKWFCGQPVTRTGDNDDTVADANNAIDTKHLPSTCRDESSAT......   164
NTDB id 1119 NGFG RS11465 WP 017147169.1     VKWFCGQPVTRADDDTVADAKDGKEIDTKHLPSTCRDKASDAK.....   166
NTDB id 1191 AAC28468.1 484..945( )          STWTCAPGAAN.............GIETRRLPTSCQ*...........   153
NTDB id 1424 RS RS02795 WP 011000517.1       IMWTCYAQNKAQAAS.SVAPSGTMSLAAKYAPAECR............   168
NTDB id 1002 ACIAD RS15100 WP 004923779.1    VTWKCTTT................S.DKKYVPSECRG...........   147
NTDB id 364423 FEO92 RS17825 WP 099589892.1 ITWACTYT................SGEAKHVPASCRTKGAAPSGGSGS   152
NTDB id 1258 GC085 RS09745 WP 014844212.1    VTWTCTGG................TLLAKYRPASCRP...........   136
NTDB id 1274 LPP RS09530 WP 011214168.1      VTWTCTGG................TLLAKYRPASCRP...........   136
consensus                                    **!***                  ***** *!****
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X non conserved

X similar

X $\geq$ 50% conserved