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NTDB id 1365 NTHI RS01955 WP 011271973.1      MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETTNCTGGKNG..   78
NTDB id 1354 HI 0299 AAC21963.1               MKLTTLQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETTSCTGGKNG..   78
NTDB id 1292 VP RS12235 WP 005479693.1        MK.HSKQKKQQGFTLIELMIVVAIIGVLAAAAIPAYQNYVTRSEVTSGLATVKALITPAELHYQENGIAAAA........   71
NTDB id 158476 FORC23 RS03245 WP 024699421.1  MK.HSKQKKQQGFTLIELMIVVAVIGVLAAIAIPQYQNYVAKSELGAGLATITSVRTNVEDYIVTNGSFPDGKTAGQL..   77
NTDB id 1184 GTF74 RS02335 WP 000649326.1     MK.AYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA..   77
NTDB id 1167 A1552VC RS11065 WP 000649326.1   MK.AYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA..   77
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    MK.AYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA..   77
NTDB id 1038 HON27 RS01510 WP 000993725.1     ......MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVNEGAVPTKLSD......   68
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ......MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSRGWSVKSGTGTEDA..   72
NTDB id 1197 PSJM300 03940 AFN76866.1         ....MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAINEGKTPSLTSTD.....   71
NTDB id 1274 LPP RS09530 WP 011214168.1       .......MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQA......   67
NTDB id 1258 GC085 RS09745 WP 014844212.1     .......MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQA......   67
NTDB id 1191 AAC28468.1 484..945( )           ....MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAGNV   76
consensus                                                **!!!!!!!!!!*!*!**!!**!*! !!*!  ** *  **  *  *** **  * *       **
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NTDB id 1365 NTHI RS01955 WP 011271973.1      .......IAADITTAKGYVKS............VTT..SNGAITVK.........GDGTLANMEYILQATGNAATGVTWT   128
NTDB id 1354 HI 0299 AAC21963.1               .......IAADIKTAKGYVAS............VIT..QSGGITVK.........GNGTLANMEYILQAKGNAAAGVTWT   128
NTDB id 1292 VP RS12235 WP 005479693.1        .........T..LAQLGVDVAAND......LGAIDSALAGGSPTLTFTFDAD.SSIDGGILTFTR........DAATGWS   125
NTDB id 158476 FORC23 RS03245 WP 024699421.1  ............TTDLGVIQ.PNN.GAI.TFDDANS.....NILLTFAGSGNSPDVNNAKIALNR........AAGGTWT   129
NTDB id 1184 GTF74 RS02335 WP 000649326.1     .........G..FTRLGTVEDMGD.GKI.VIAPTASGALGGTIKYTF....DAGVVSSSKIQLAR........DANGLWT   132
NTDB id 1167 A1552VC RS11065 WP 000649326.1   .........G..FTRLGTVEDMGD.GKI.VIAPTASGALGGTIKYTF....DAGVVSSSKIQLAR........DANGLWT   132
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    .........G..FTRLGTVEDMGD.GKI.VIAPTASGALGGTIKYTF....DAGVVSSSKIQLAR........DANGLWT   132
NTDB id 1038 HON27 RS01510 WP 000993725.1     ...............VGFTAATSSVCATYSIDAFTETDGAGKI.TCTLK..GNPKIATKIVELTR........STDGAWT   122
NTDB id 1192 PAKAF RS23870 WP 024947914.1     .........TKKEVPLGVAADANKLGTIA.LKP.DPADGTADITLTFTMGGAGPKNKGKIITLTR.......TAADGLWK   134
NTDB id 1197 PSJM300 03940 AFN76866.1         ............EGYIGITDS.TSYCDVD.LD..TAADGHI...ECTAKGGNAGKFDGKTITLNR........TADGEWS   124
NTDB id 1274 LPP RS09530 WP 011214168.1       ........ATGYVSPAATPNV....ASI.....AIG..ANGVITITYTAAAG.....GGTIVMTPTLQA....NGDVTWT   119
NTDB id 1258 GC085 RS09745 WP 014844212.1     ........ATGYVSPAATPNV....QSI.....AIG..ANGVITITYTAAAG.....GGTIIMTPTLQA....NGDVTWT   119
NTDB id 1191 AAC28468.1 484..945( )           IFDSANGLDGKYFAPGGVT..............VTP..DTGAINIAFDAGANA....GKTMTITPTVIA..ASGQISTWT   134
consensus                                                  * **          *            * * ***          *  * * *         *   !*
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NTDB id 1365 NTHI RS01955 WP 011271973.1      TTCKGTD.....ASLFPANFCGSVTQ........   149
NTDB id 1354 HI 0299 AAC21963.1               TTCKGTD.....ASLFPANFCGSVTK........   149
NTDB id 1292 VP RS12235 WP 005479693.1        ..CLPTA....P.AIAVDG.CS............   139
NTDB id 158476 FORC23 RS03245 WP 024699421.1  ..CKATL....DAKLLPKS.CSKDANL.......   149
NTDB id 1184 GTF74 RS02335 WP 000649326.1     ..CSTTV....TSEIAPKG.CTAGATIN......   153
NTDB id 1167 A1552VC RS11065 WP 000649326.1   ..CSTTV....TSEIAPKG.CTAGATIN......   153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    ..CSTTV....TSEIAPKG.CTAGATIN......   153
NTDB id 1038 HON27 RS01510 WP 000993725.1     ..CVSDV....PTEFLPKG.CTAGTPTEGAITSL   149
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ..CTSDQ....DEQFIPKG.CSK...........   150
NTDB id 1197 PSJM300 03940 AFN76866.1         ..CASTL....DAKYKPGK.CS............   139
NTDB id 1274 LPP RS09530 WP 011214168.1       ..CTGGTLL...AKYRPAS.CRP...........   136
NTDB id 1258 GC085 RS09745 WP 014844212.1     ..CTGGTLL...AKYRPAS.CRP...........   136
NTDB id 1191 AAC28468.1 484..945( )           ..CAPGAANGIETRRLPTS.CQ*...........   153
consensus                                       !  *          *   !*
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X non conserved
X similar
X $\geq$ 50% conserved