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NTDB id 1038 H0N27 RS01510 WP 000993725.1    ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVNEGA.VPTKL.SD.V   69
NTDB id 1197 PSJM300 03940 AFN76866.1        ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAINEGK.TPSLT.STDE   72
NTDB id 1204 PSJM300 03935 AFN76865.1        ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAISEGH.TPSLV.SSLP   74
NTDB id 1184 GTF74 RS02335 WP 000649326.1     ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA   77
NTDB id 1167 A1552VC RS11065 WP 000649326.1   ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA   77
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA   77
NTDB id 1292 VP RS12235 WP 005479693.1        ...MKHSKQKKQQGFTLIELMIVVAIIGVLAAAAIPAYQNYVTRSEVTSGLATVKALITPAELHYQENGIAAA......A   71
NTDB id 1383 A4U84 RS08530 WP 005711781.1     MK.KIRLIRPLAKAFTLIELMIVIAIIAILATIAIPSYTSYTQKAALSELLSASASYKSDVEICIYNVGDKKISECSSGK   79
NTDB id 1365 NTHI RS01955 WP 011271973.1      .M.KLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE..TTNCTGGK   76
NTDB id 1354 HI 0299 AAC21963.1               .M.KLTTLQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE..TTSCTGGK   76
NTDB id 1191 AAC28468.1 484..945( )           ......MLKKVQKGFTLIELMIVIAIIAILAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAG    74
NTDB id 1119 NGFG RS11465 WP 017147169.1      .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAG.   72
NTDB id 1109 OK783 RS10670 WP 157147416.1     .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSAG.   72
NTDB id 1188 NELON RS01755 WP 003772458.1     ......MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAKAF    73
NTDB id 1002 ACIAD RS15100 WP 004923779.1     .......MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKITVSENILNAGALVAGTPST..    70
NTDB id 1424 RS RS02795 WP 011000517.1        MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSD....LSV..   74
NTDB id 1105180 ACNVED RS10130 WP 419418900.1 .......MKQRGFTLIELMIVVAIVGILAAIAIPAYQDYTIRARVTEGLSLATAAKTAVSETTQSTGTLPADAAAA..     69
NTDB id 1258 GCO85 RS09745 WP 014844212.1     .......MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAAT..     69
NTDB id 1274 LPP RS09530 WP 011214168.1       .......MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAAT..     69
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                                             ***!*!*!!!!!!!*!****!!**!*!*!**!*  **  ** *****  **  ***  *    *    *    **  *
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NTDB id 1038 H0N27 RS01510 WP 000993725.1    GFTA.....ATS.........SVCATYSIDA...FTETDGAGKITCTLKG....N..PKIATKIVELTRST.......   117
NTDB id 1197 PSJM300 03940 AFN76866.1        GYIG.....ITDST.......SYCD......V...DLDTAADGHIECTAKG....GNAGKFDGKTITLNRTA.......   119
NTDB id 1204 PSJM300 03935 AFN76865.1        GFIG.....IGAST.......NYCT.....V....TLIATATGSITCTTQN....GMPDRFNGKTITIARTT.......   121
NTDB id 1184 GTF74 RS02335 WP 000649326.1     GFTR.....LGTVE.......DMGDGKIVIAPTASGALG..GTIKYTFDA.....G..V.VSSSKIQLARDA.......   127
NTDB id 1167 A1552VC RS11065 WP 000649326.1   GFTR.....LGTVE.......DMGDGKIVIAPTASGALG..GTIKYTFDA.....G..V.VSSSKIQLARDA.......   127
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    GFTR.....LGTVE.......DMGDGKIVIAPTASGALG..GTIKYTFDA.....G..V.VSSSKIQLARDA.......   127
NTDB id 1292 VP RS12235 WP 005479693.1        TLAQ.....LGVDV.......AANDL....GAIDSALAGGSPTLTFTFDA.....D..SSIDGGILTFTRDA.......   120
NTDB id 1383 A4U84 RS08530 WP 005711781.1     N........GVRA.....DKSDVPDAKYLKSISV.....ASGVITVAGKG.....NIDGYGYTMTP.K.........   123
NTDB id 1365 NTHI RS01955 WP 011271973.1      N........GIAA.....DITT.AKGYVKSVTT.....SNGAITVKGDG.....TLANMEYILQATG.........   119
NTDB id 1354 HI 0299 AAC21963.1               N........GIAA.....DIKT.AKGYVASVIT.....QSGGITVKGNG.....TLANMEYILQAKG.........   119
NTDB id 1191 AAC28468.1 484..945( )           NVIFDSA..............NGLDGKYFAPGGVT.VTPDTGAINIAFDA......GANAGKTMTITPTVI........   124
NTDB id 1119 NGFG RS11465 WP 017147169.1      ...........VAS.......PPTDIKGKYVKEVEV...KNGVVTATMLS...SGVNNEIKGKKLSLWGR........   118
NTDB id 1109 OK783 RS10670 WP 157147416.1     ...........VAS.......A.STIKGKYVQKVEV...AKGVVTAQMAS...TGVNKEIQDKKLSLWAK........   117
NTDB id 1188 NELON RS01755 WP 003772458.1     NKTAAAGGGACGGAAAAGTQHASK.....YVKSVKVT..EASPWDITVAISATEANGIPTGLDGNTIRLFPLVNK.AVPA.   144
NTDB id 1002 ACIAD RS15100 WP 004923779.1     .........AGSSCVGVQEISASNATTNVATATCG.A.SSAGQIIVTMDT......TKAKGANITLTPTYA........   124
NTDB id 1424 RS RS02795 WP 011000517.1        .........GSSV.........FTPTKNVANLTIAGTGTVPGQITVT.YT......TAAGGGTLALVPTAAGTALPVS    127
NTDB id 1105180 ACNVED RS10130 WP 419418900.1 .........GYTP.........PTATANVQSIDI...ANGVITIT.YT......ATAGGGTLLLTPTLD........   110
NTDB id 1258 GCO85 RS09745 WP 014844212.1     .........GYVS.........PAATPNVQSIAIG...ANGVITIT.YT......AAAGGGTIMTPTLQ........   111
NTDB id 1274 LPP RS09530 WP 011214168.1       .........GYVS.........PAATPNVASIAIG...ANGVITIT.YT......AAAGGGTIVMTPTLQ........   111
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NTDB id 1038 HON27 RS01510 WP 000993725.1       .....DGAWTCVSDV.....................PTEFLPKG.CTAGTPTEGAITSL   149
NTDB id 1197 PSJM300 03940 AFN76866.1           .....DGEWSCASTL.....................DAKYKPGK.CS............   139
NTDB id 1204 PSJM300 03935 AFN76865.1           .....DGLWDCTSDL.....................DSRYKPGK.CL............   141
NTDB id 1184 GTF74 RS02335 WP 000649326.1       .....NGLWTCSTTV.....................TSEIAPKG.CTAGATIN......   153
NTDB id 1167 A1552VC RS11065 WP 000649326.1     .....NGLWTCSTTV.....................TSEIAPKG.CTAGATIN......   153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1      .....NGLWTCSTTV.....................TSEIAPKG.CTAGATIN......   153
NTDB id 1292 VP RS12235 WP 005479693.1          .....ATGWSCLPTA.....................PAIAVDG.CS............   139
NTDB id 1383 A4U84 RS08530 WP 005711781.1       .FANNNITWATSCQGAD...................ISLFPANFCGQKATP.......   154
NTDB id 1365 NTHI RS01955 WP 011271973.1        .NAATGVTWTTTCKGTD...................ASLFPANFCGSVTQ........   149
NTDB id 1354 HI 0299 AAC21963.1                 .NAAAGVTWTTTCKGTD...................ASLFPANFCGSVTK........   149
NTDB id 1191 AAC28468.1 484..945( )             AASGQISTWTCAPGAA...............NGIETRRLPTS.CQ*...........   153
NTDB id 1119 NGFG RS11465 WP 017147169.1        .RENGSVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLPST.CRDKASDAK.....   166
NTDB id 1109 OK783 RS10670 WP 157147416.1       .RQDGSVKWFCGQPVTRTGDNDDTVA..DANNAIDTKHLPST.CRDESSAT......   164
NTDB id 1188 NELON RS01755 WP 003772458.1       ATSTGAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSE.CK...........   188
NTDB id 1002 ACIAD RS15100 WP 004923779.1       ...SGAVTWKCTTTS.....................DKKYVPSE.CRG.........   147
NTDB id 1424 RS RS02795 WP 011000517.1          SAPSGPIMWTCYAQNKAQAASSVAP...SGTMSLAAKYAPAE.CR...........   168
NTDB id 1105180 ACNVED RS10130 WP 419418900.1   .PATKQITWSCSTGG....................TLAAKYRPAN.CR..........   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1       .A.NGDVTWTCT.GG....................TLLAKYRPAS.CRP.........   136
NTDB id 1274 LPP RS09530 WP 011214168.1         .A.NGDVTWTCT.GG....................TLLAKYRPAS.CRP.........   136
consensus
                                                    * !****                            * *   !
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X non conserved
X similar
X ≥ 50% conserved