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logo
NTDB id 1007 ACIAD RS15000 WP 004923844.1    ................MRVRHGFTLIELMIVVAIIGILAAIAYPSYQNYKIRVNRSDVQSELIRVSQQLQSYKMVNHGYAN    65
NTDB id 1062 ABD1 RS15720 WP 000788345.1     ..................MKNGFTLIEIMIVVAIIAILAAIATPSYLQYLRKGHRTAVQSEMMNIAQTLESQKMVNNRYPS    63
NTDB id 1273 LPP RS03425 WP 010946364.1      MLSHVHFMK....NSRMKQSAFTLVEVLISMVIMGILVSIAYPSYLQYIQKSRRADAHATLTQDQIILERCYSQNFSYAA    76
NTDB id 1260 GCO85 RS03355 WP 010946364.1    MLSHVHFMK....NSRMKQSAFTLVEVLISMVIMGILVSIAYPSYLQYIQKSRRADAHATLTQDQIILERCYSQNFSYAA    76
NTDB id 1415 SGL RS07945 WP 010872381.1      MASNFKFKLLSQLSKKRAEGGFTLIELLVVVIIIGVLAAIALPNLLGQVGKARESEAKSTIGALNRAQQGYFTEKGTFAT    80
NTDB id 1354 HI 0299 AAC21963.1              .........MKLTTLQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETTS    71
NTDB id 1365 NTHI RS01955 WP 011271973.1     .........MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETTN    71
NTDB id 1033 TT RS11945 WP 011173287.1       ................MRNAKGFTLIELLIVIAIIAILAAVLIPNLLAARKRANDTVVTAYLNDAVKFQEMYQIDNNSYTS    65
NTDB id 1006 ACIAD RS15005 WP 004923843.1    ...............MQHHRQGFTLIELMVVVVIIAIFAAIAIPSYQEYIRRSNLAMAQQEMQKLAEQLERYRSRNFSYKG    66
NTDB id 1109 OK783 RS10670 WP 157147416.1    ...............MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPK    66
NTDB id 1119 NGFG RS11465 WP 017147169.1     ...............MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPE    66
NTDB id 1309 DR RS02825 WP 034349477.1       ...............MKNTTQGFTLIELLIVIAIIGILAAVLIPNLLGARAKANDSATQSYIRNCYTAVEVARGADGRLPA    66
NTDB id 1197 PSJM300 03940 AFN76866.1        .............MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAINEGKTPSL    67
NTDB id 1204 PSJM300 03935 AFN76865.1        ...........MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAISEGHTPSL    69
NTDB id 1424 RS RS02795 WP 011000517.1       .......MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLS    73
NTDB id 1188 NELON RS01755 WP 003772458.1    ...............MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGM    66
NTDB id 1191 AAC28468.1 484..945( )          .............MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPN    67
NTDB id 1274 LPP RS09530 WP 011214168.1      ................MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPA    64
NTDB id 1258 GCO85 RS09745 WP 014844212.1    ................MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPA    64
NTDB id 1292 VP RS12235 WP 005479693.1       ..........MKHSKQKKQQGFTLIELMIVVAIIGVLAAAAIPAYQNYVTRSEVTSGLATVKALITPAELHYQENGIAAA    70
NTDB id 1184 GTF74 RS02335 WP 000649326.1    ..........MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPA    70
NTDB id 1167 A1552VC RS11065 WP 000649326.1  ..........MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPA    70
NTDB id 1160 ABDM36 RS02330 WP 000649326.1  ..........MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPA    70
NTDB id 1079 FDQ49 RS11140 WP 022575996.1    ................MNAQKGFTLIELMIVVAIIGILAAIAIPAYQNYIAKSQASEAFTLADGLKTTINTNLQAGTCFAG    65
NTDB id 1038 HON27 RS01510 WP 000993725.1    ................MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVNEGA....    61
NTDB id 1400 DSB67 RS12660 WP 010643261.1    ..........MKTNKQKKQQGFTLIELMIVVAIIGILAALAIPAYQDYTKKATMAEFPKIASSTKLAVELCAH.EHAA..    67
NTDB id 296003 DM292 RS21835 WP 110777984.1 ............MKSIKKQNGFTLIELMIVVAIIGILAAIAIPQFNEYRAKSNDTVANADAKNTLTVMSAAQL.......    61
NTDB id 1192 PAKAF RS23870 WP 024947914.1    ................MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSRGWSVKS    65
consensus                                                   ***!*!*!*****************! ** *  *   * *       *  **
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1007 ACIAD RS15000 WP 004923844.1    A.SLAGLGN.......................AASYPVTGTAFYTLNLAVD..........SDNQGYVLTATPISSTMQ   110
NTDB id 1062 ABD1 RS15720 WP 000788345.1     NATIQSIYG.......................SNVSPLQGKALYTLAFTTL...........NDSTWVLTATPIANTSQ   108
NTDB id 1273 LPP RS03425 WP 010946364.1      ACGALPAFP...............QTTPNGY............YTINISNLT............ATTYTLTATPV.....   112
NTDB id 1260 GCO85 RS03355 WP 010946364.1    ACGALPAFP...............QTTPNGY............YTINISNLT............ATTYTLTATPV.....   112
NTDB id 1415 SGL RS07945 WP 010872381.1      DTETLEVPA..................PDG..............NFFSFAVNTADNTEAIQDATALNWEADGTRSM....   124
NTDB id 1354 HI 0299 AAC21963.1              CTGGKNGIA...................ADI........KTAKGYVASVI..............TQSGGITVKGN.....   105
NTDB id 1365 NTHI RS01955 WP 011271973.1     CTGGKNGIA...................ADI........TTAKGYVKSVT..............TSNGAITVKGD.....   105
NTDB id 1033 TT RS11945 WP 011173287.1       NQAALISL......................GL................................KSTPANVTFSIVSAS..    90
NTDB id 1006 ACIAD RS15005 WP 004923843.1    FDATYLYQDKSGQTLAKFDSTKQIVQLPLDTS........NTKYTLAVVDTTTNNPLLTSANAIGQGWAIKAMSA.....   133
NTDB id 1109 OK783 RS10670 WP 157147416.1    DNTSAGVAS..................A.ST..........IKGKYVQKVEV..............AKGVVTAQMAS....   100
NTDB id 1119 NGFG RS11465 WP 017147169.1     NNTSAGVAS..................PPTD..........IKGKYVKEVEV..............KNGVVTATMLS....   101
NTDB id 1309 DR RS02825 WP 034349477.1       AGNCDS.................................TANLGTNAV.............ATPGAITAAGAY.S..    94
NTDB id 1197 PSJM300 03940 AFN76866.1        TSTDEGYI......................GIT.........DSTSYCDVDL...........DTAADGHIECTAK.....   101
NTDB id 1204 PSJM300 03935 AFN76865.1        VSSLPGFI......................GIG.........ASTNYCTVTL...........IATATGSITCTTQ.....   103
NTDB id 1424 RS RS02795 WP 011000517.1       V.GSSVFT...............................PTKNVANLTI.........AGTGTVPGQITVTYTTAA..   108
NTDB id 1188 NELON RS01755 WP 003772458.1    TAAAKAFNK..............TAAAGGGAGGAAAAGTQHASKYVKSVKVT...........EASPWDITVAISATE..   119
NTDB id 1191 AAC28468.1 484..945( )          AAALVAGNV..............IFDSANGLD........GKYFAPGGVTVT............PDTGAINIAFDAGA..   111
NTDB id 1274 LPP RS09530 WP 011214168.1      TQAATGY................VSPA..............ATPNVASIA.............IGANGVITITYTAAA..    99
NTDB id 1258 GCO85 RS09745 WP 014844212.1    TQAATGY................VSPA..............ATPNVQSIA.............IGANGVITITYTAAA..    99
NTDB id 1292 VP RS12235 WP 005479693.1       A......T...............LAQLGVDV..........AANDLGAID..........SALAGGSPTLTFTFDADS..   107
NTDB id 1184 GTF74 RS02335 WP 000649326.1    TTAGTAAGFTRLGT.........VEDMG..................DGKIVI.......APTASGALGGTIKYTFDA....   113
NTDB id 1167 A1552VC RS11065 WP 000649326.1  TTAGTAAGFTRLGT.........VEDMG..................DGKIVI.......APTASGALGGTIKYTFDA....   113
NTDB id 1160 ABDM36 RS02330 WP 000649326.1   TTAGTAAGFTRLGT.........VEDMG..................DGKIVI.......APTASGALGGTIKYTFDA....   113
NTDB id 1079 FDQ49 RS11140 WP 022575996.1    GATAVTAADKVSGK.........YGDAEIGGT...............................APNCTITYTFKS....   100
NTDB id 1038 HON27 RS01510 WP 000993725.1    ....VPTK...............LSDVGFTAATSSV....CATYSIDAFT..........ETDGAGKITC..TLK.....   101
NTDB id 1400 DSB67 RS12660 WP 010643261.1    DAGAFKTK...............CHQTANGIP.........AAFTLNNLTVT........PAAGAASGAISITVNAAN..   113
NTDB id 296003 DM292 RS21835 WP 110777984.1  ..........................................................................   61
NTDB id 1192 PAKAF RS23870 WP 024947914.1    GTGTEDAT...............KKEVPLGVA........ADANKLGTIALK......PDPADGTADITLTFTMG.....   111
consensus                                                                                  * *                    ** *
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logo
NTDB id 1007 ACIAD RS15000 WP 004923844.1    AGNGII.......................CLNQDGQKFWSKA.................................ATA   132
NTDB id 1062 ABD1 RS15720 WP 000788345.1     AGDGII.......................CLNDQGQKFWAKG.................................ATD   130
NTDB id 1273 LPP RS03425 WP 010946364.1      ...GTQAKDTECASMSINQ...ANVKTAVDSSANAQPECWNP....................................G.   149
NTDB id 1260 GCO85 RS03355 WP 010946364.1    ...GTQAKDTECASMSINQ...ANVKTAVDSSANAQPECWNP....................................G.   149
NTDB id 1415 SGL RS07945 WP 010872381.1      .SGGTFY.........................DSGTRAFSTVVCRAEAGSEDT..................PPTPGGAND   160
NTDB id 1354 HI 0299 AAC21963.1              ...GTLA..........NMEYILQAK.....GNAAAGVTWTT..TCKGTDAS......................LFPANF   143
NTDB id 1365 NTHI RS01955 WP 011271973.1     ...GTLA..........NMEYILQAT.....GNAATGVTWTT..TCKGTDAS......................LFPANF   143
NTDB id 1033 TT RS11945 WP 011173287.1       ...AN..............S.......YCMIAGHSGGTVWFA..ATPDKGVY...............KTNTAVTSSQPES   129
NTDB id 1006 ACIAD RS15005 WP 004923843.1    ..DNNNYSL.....LLTNTG............FSCKNKTWAN.................................ISSSS   161
NTDB id 1109 OK783 RS10670 WP 157147416.1    ..TGVNKEIQ.......DK......KLSLWAKRQDGSVKWF...CGQPVTRTGDNDD......TVADANNAIDTKHLPST   156
NTDB id 1119 NGFG RS11465 WP 017147169.1     ..SGVNNEIK.......GK......KLSLWGRRENGSVKWF...CGQPVTRADDDTV......ADAKDGKEIDTKHLPST   157
NTDB id 1309 DR RS02825 WP 034349477.1       .LDGTGSKFAVTATSVTNKTFCFDGAKMGEGTGATGA.......CTFSTSTGTGTGTGTGTGTGTGTGTGSN........   158
NTDB id 1197 PSJM300 03940 AFN76866.1        ..GGNAGKFD..............GK.TITL.NRTADGEWS...CASTLDAK.......................YKPGK   137
NTDB id 1204 PSJM300 03935 AFN76865.1        ..NGMPDRFN..............GK.TITI.ARTTDGLWD...CTSDLDSR.......................YKPGK   139
NTDB id 1424 RS RS02795 WP 011000517.1       .GGGTLALVPTA....AGT......A.LPVSSAPSGPIMWT...CYAQNKAQAASS....VAP...SGTMSLAAKYAPAE   166
NTDB id 1188 NELON RS01755 WP 003772458.1    .ANGIPTGLDGN....TIRLFPLVNK.AVPAATSTGAIDWA...CASAAKETADKR....FGTGSGVAVGTLPAKYAPSE   186
NTDB id 1191 AAC28468.1 484..945( )          .NAGKT...........MT..ITPTV....IAASGQISTWT...CAPGAANGI...................ETRRLPTS   151
NTDB id 1274 LPP RS09530 WP 011214168.1      .GGGTI...........VM.........TPTLQANGDVTWT...CTGGTLLA......................KYRPAS   133
NTDB id 1258 GCO85 RS09745 WP 014844212.1    .GGGTI...........IM.........TPTLQANGDVTWT...CTGGTLLA......................KYRPAS   133
NTDB id 1292 VP RS12235 WP 005479693.1       ......................SIDGG.ILTFT.RDAATGWS...CLPTAPA........................IAVDG   137
NTDB id 1184 GTF74 RS02335 WP 000649326.1    ...GVV...........SS.....SK..IQL.ARDANGLWT...CSTTVTSE......................IAPKG   145
NTDB id 1167 A1552VC RS11065 WP 000649326.1  ...GVV...........SS.....SK..IQL.ARDANGLWT...CSTTVTSE......................IAPKG   145
NTDB id 1160 ABDM36 RS02330 WP 000649326.1   ...GVV...........SS.....SK..IQL.ARDANGLWT...CSTTVTSE......................IAPKG   145
NTDB id 1079 FDQ49 RS11140 WP 022575996.1    ..SGVS...........NK..LTSTK.IVMNV.SETGILTKN..SGTDTPVE......................LLPQS   138
NTDB id 1038 HON27 RS01510 WP 000993725.1    ..GNPK................IATK.IVELT.RSTDGAWT...CVSDVPTE......................FLPKG   135
NTDB id 1400 DSB67 RS12660 WP 010643261.1    .DKGPI...........KQ...NEKY.ILTATYASNGVTWS...SECKDATN......................AVQTSY   152
NTDB id 296003 DM292 RS21835 WP 110777984.1  ..............................................................................   61
NTDB id 1192 PAKAF RS23870 WP 024947914.1    .GAGPK...........NK.....GK.IITLTRTAADGLWK...CTSDQDEQ......................FIPKG   147
consensus                                       *                                 *   *    *
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logo
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NTDB id 1007 ACIAD RS15000 WP 004923844.1         CSLSSNSTWDGR...   144
NTDB id 1062 ABD1 RS15720 WP 000788345.1          CALSASSSWTE....   141
NTDB id 1273 LPP RS03425 WP 010946364.1           ...............   149
NTDB id 1260 GC085 RS03355 WP 010946364.1         ...............   149
NTDB id 1415 SGL RS07945 WP 010872381.1           CGGA.EVIK......   168
NTDB id 1354 HI 0299 AAC21963.1                   CGSV.TK........   149
NTDB id 1365 NTHI RS01955 WP 011271973.1          CGSV.TQ........   149
NTDB id 1033 TT RS11945 WP 011173287.1            CP.............   131
NTDB id 1006 ACIAD RS15005 WP 004923843.1         CGTG.SESW......   169
NTDB id 1109 OK783 RS10670 WP 157147416.1         CRDE.SSAT......   164
NTDB id 1119 NGFG RS11465 WP 017147169.1          CRDK.ASDAK.....   166
NTDB id 1309 DR RS02825 WP 034349477.1            ...............   158
NTDB id 1197 PSJM300 03940 AFN76866.1             CS.............   139
NTDB id 1204 PSJM300 03935 AFN76865.1             CL.............   141
NTDB id 1424 RS RS02795 WP 011000517.1            CR.............   168
NTDB id 1188 NELON RS01755 WP 003772458.1         CK.............   188
NTDB id 1191 AAC28468.1 484..945( )               CQ*............   153
NTDB id 1274 LPP RS09530 WP 011214168.1           CRP............   136
NTDB id 1258 GC085 RS09745 WP 014844212.1         CRP............   136
NTDB id 1292 VP RS12235 WP 005479693.1            CS.............   139
NTDB id 1184 GTF74 RS02335 WP 000649326.1         CTAG.ATIN......   153
NTDB id 1167 A1552VC RS11065 WP 000649326.1       CTAG.ATIN......   153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1        CTAG.ATIN......   153
NTDB id 1079 FDQ49 RS11140 WP 022575996.1         FVAS...........   142
NTDB id 1038 HON27 RS01510 WP 000993725.1         CTAG.TPTEGAITSL   149
NTDB id 1400 DSB67 RS12660 WP 010643261.1         CP.............   154
NTDB id 296003 DM292 RS21835 WP 110777984.1       ...............    61
NTDB id 1192 PAKAF RS23870 WP 024947914.1         CSK............   150
consensus                                         *
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X non conserved

X similar

X ≥50% conserved