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logo
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        ...MKHSKQKKQQGFTLIELMIVVAIIGVLAAAAIPAYQNYVTRSEVTSGLATVKALITPAELHYQENGIA.A.......   69
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSRGWSV.KSGTGTED   71
NTDB id 1197 PSJM300 03940 AFN76866.1         ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAINEGKTP.SLTSTDE.   72
NTDB id 1204 PSJM300 03935 AFN76865.1         ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAISEGHTP.SLVSSLP.   74
NTDB id 1365 NTHI RS01955 WP 011271973.1      .M.KLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE..TTNCTGGK   76
NTDB id 1383 A4U84 RS08530 WP 005711781.1     MK.KIRLIRPLAKAFTLIELMIVIAIIAILATIAIPSYTSYTQKAALSELLSASASYKSDVEICIYNVGDKKISECSSGK   79
NTDB id 1119 NGFG RS11465 WP 017147169.1      .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAGV   73
NTDB id 1109 OK783 RS10670 WP 157147416.1     .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSAGV   73
NTDB id 1191 AAC28468.1 484..945( )           ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAG   74
NTDB id 1002 ACIAD RS15100 WP 004923779.1     ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPSTAG   72
NTDB id 1424 RS RS02795 WP 011000517.1        MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQS....DLSVGS   76
NTDB id 185495 A9P85 RS09660 WP 042754743.1  .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVSEGLQMASSAKLAVSETAITNNALPPTQAATGY   71
NTDB id 1258 GC085 RS09745 WP 014844212.1    .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY   71
NTDB id 1274 LPP RS09530 WP 011214168.1      .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY   71
consensus                                              ***!*!!!!!!!*!****!!**!*!*!* !* ** *****      ** * *                *
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logo
NTDB id 1184 GTF74 RS02335 WP 000649326.1     G...FTRLGTVEDM..G.DGKIVIAPTASGALGGT..IKYTFDAG....VVSSSKIQLARD.............ANGLWT   132
NTDB id 1167 A1552VC RS11065 WP 000649326.1   G...FTRLGTVEDM..G.DGKIVIAPTASGALGGT..IKYTFDAG....VVSSSKIQLARD.............ANGLWT   132
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    G...FTRLGTVEDM..G.DGKIVIAPTASGALGGT..IKYTFDAG....VVSSSKIQLARD.............ANGLWT   132
NTDB id 1292 VP RS12235 WP 005479693.1        .AATLAQLGVDVAA..NDLGAIDS..A...LAGGSPTLTFTFD...ADSSIDGGILTFTRD.............AATGWS   125
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ATKKEVPLGVAADA..NKLGTIALKPD...PADGTADITLTFTMGGAGPKNKGKIITLTRT............AADGLWK   134
NTDB id 1197 PSJM300 03940 AFN76866.1         .....GYIGITDST..S.YCDVDLD.T...AADGH..IE.CTAKGGNAGKFDGKTITLNRT.............ADGEWS   124
NTDB id 1204 PSJM300 03935 AFN76865.1         .....GFIGIGAST..N.YCTVTLI.A...TATGS..IT.CTTQNGMPDRFNGKTITIART.............TDGLWD   126
NTDB id 1365 NTHI RS01955 WP 011271973.1      NGIAADITT........AKGYVK....SVTTSNGA..ITVKGDGT.....LANMEYILQATG.........NAATGVTWT   128
NTDB id 1383 A4U84 RS08530 WP 005711781.1     NGVRADKSDVP......DAKYLK....SISVASGV..ITVAGKGN.....IDGYGYTMTP.K.........FANNNITWA   132
NTDB id 1119 NGFG RS11465 WP 017147169.1      ASPPTDIKGKY..........VKE....VEVKNGV..VTATMLSSGVNNEIKGKKLSLW..........GRRENGSVKWF   127
NTDB id 1109 OK783 RS10670 WP 157147416.1     ASA.STIKGKY..........VQK....VEVAKGV..VTAQMASTGVNKEIQDKKLSLW..........AKRQDGSVKWF   126
NTDB id 1191 AAC28468.1 484..945( )           NVIFDSANGLDGK.......YFAPGGVTVTPDTGA..INIAFDAGA....NAGKTMTITPTVIA.......ASGQISTWT   134
NTDB id 1002 ACIAD RS15100 WP 004923779.1     SSCV.GVQEISASNATTNVATATCGA....SSAGQ..IIVTMDTTK....AKGANITLTPTY..........ASGAVTWK   131
NTDB id 1424 RS RS02795 WP 011000517.1        SVF..........TPTKNVANLTIAG..TGTVPGQ..ITVT.YTTA....AGGGTLALVPTAAGTALPVSSAPSGPIMWI   137
NTDB id 185495 A9P85 RS09660 WP 042754743.1  VSP..........APTANVTGIAIG......ANGV..ITIT.YTAA....AGGGTIIMTPTL........DANNGDVTWN   120
NTDB id 1258 GC085 RS09745 WP 014844212.1    VSP..........AATPNVQSIAIG......ANGV..ITIT.YTAA....AGGGTIIMTPTL........QA.NGDVTWT   119
NTDB id 1274 LPP RS09530 WP 011214168.1      VSP..........AATPNVASIAIG......ANGV..ITIT.YTAA....AGGGTIVMTPTL........QA.NGDVTWT   119
consensus                                              *             * *          !   ** *    *       *  * *  *             *   !*
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logo
                                                  CSTT.................VTSEIAPKG.CTAGATIN.   153
NTDB id 1184 GTF74 RS02335 WP 000649326.1         CSTT.................VTSEIAPKG.CTAGATIN.   153
NTDB id 1167 A1552VC RS11065 WP 000649326.1       CSTT.................VTSEIAPKG.CTAGATIN.   153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1        CSTT.................VTSEIAPKG.CTAGATIN.   153
NTDB id 1292 VP RS12235 WP 005479693.1            CLPT.................APAI.AVDG.CS.......   139
NTDB id 1192 PAKAF RS23870 WP 024947914.1         CTSD.................QDEQFIPKG.CSK......   150
NTDB id 1197 PSJM300 03940 AFN76866.1             CAST.................LDAKYKPGK.CS.......   139
NTDB id 1204 PSJM300 03935 AFN76865.1             CTSD.................LDSRYKPGK.CL.......   141
NTDB id 1365 NTHI RS01955 WP 011271973.1          TTCKGT...............DASLFPANFCGSVTQ...   149
NTDB id 1383 A4U84 RS08530 WP 005711781.1         TSCQGA...............DISLFPANFCGQKATP..   154
NTDB id 1119 NGFG RS11465 WP 017147169.1          CGQPVTRADDDTVADAKDGKEIDTKHLPST.CRDKASDAK   166
NTDB id 1109 OK783 RS10670 WP 157147416.1         CGQPVTRTGDNDDTVADANNAIDTKHLPST.CRDESSAT.   164
NTDB id 1191 AAC28468.1 484..945( )               CAPGAANG.............IETRRLPTS.CQ*......   153
NTDB id 1002 ACIAD RS15100 WP 004923779.1         CTTT.................SDKKYVPSE.CRG......   147
NTDB id 1424 RS RS02795 WP 011000517.1            CYAQNKAQAA.SSVAPSGTMSLAAKYAPAE.CR.......   168
NTDB id 185495 A9P85 RS09660 WP 042754743.1       CTGG................SLLPKYRPAS.CRP......   137
NTDB id 1258 GC085 RS09745 WP 014844212.1         CTGG................TLLAKYRPAS.CRP......   136
NTDB id 1274 LPP RS09530 WP 011214168.1           CTGG................TLLAKYRPAS.CRP......   136
consensus                                         **                   *  *  *   !
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X non conserved
X similar
X ≥ 50% conserved