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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 1038 HON27 RS01510 WP 000993725.1      ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVN.EGAVPTKL.SD.V    69
NTDB id 1197 PSJM300 03940 AFN76866.1          ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAIN.EGKTPSLT.STDE    72
NTDB id 1204 PSJM300 03935 AFN76865.1          ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAIS.EGHTPSLV.SSLP    74
NTDB id 1365 NTHI RS01955 WP 011271973.1       ..MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETT........    70
NTDB id 1151540 LG374 RS08160 WP 304518576.1  .......MKNYQKGFTLIELMIVIAIIGILAAIALPSYQDYLARSQMTEGLNLAGGQKSSVTEYRSNKGAWPSSNTEA..    71
NTDB id 1119 NGFG RS11465 WP 017147169.1       .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSA..    71
NTDB id 1109 OK783 RS10670 WP 157147416.1      .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSA..    71
NTDB id 1191 AAC28468.1 484..945( )            ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALV..    72
NTDB id 1400 DSB67 RS12660 WP 010643261.1      ...MKTNKQKKQQGFTLIELMIVVAIIGILAALAIPAYQDYTKKATMAEFPKIASSTKLAVELCAHEHAADAGAFK....    73
NTDB id 1424 RS RS02795 WP 011000517.1         MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV......    74
NTDB id 1002 ACIAD RS15100 WP 004923779.1      ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPST..    70
NTDB id 1274 LPP RS09530 WP 011214168.1        .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAAT..    69
NTDB id 1258 GC085 RS09745 WP 014844212.1      .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAAT..    69
consensus                                                **!!*!!!!!!!*!****!!**!*!*!**!* ** *****      ** * *     *  *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1184 GTF74 RS02335 WP 000649326.1      GFTRLGTVEDMGDG......KIVIAP..TASGALGGTIKYTFD...AGVVSSS........KIQL...ARDANGLWTCST   135
NTDB id 1167 A1552VC RS11065 WP 000649326.1    GFTRLGTVEDMGDG......KIVIAP..TASGALGGTIKYTFD...AGVVSSS........KIQL...ARDANGLWTCST   135
NTDB id 1160 ABDM36 RS02330 WP 000649326.1     GFTRLGTVEDMGDG......KIVIAP..TASGALGGTIKYTFD...AGVVSSS........KIQL...ARDANGLWTCST   135
NTDB id 1038 HON27 RS01510 WP 000993725.1      GFTAATS..SVCAT......YSI.DA..FTETDGAGKITCTLKGN..PKIATK........IVEL...TRSTDGAWTCVS   125
NTDB id 1197 PSJM300 03940 AFN76866.1          GYIGITDSTSYCD............V..DLDTAADGHIECTAKGGNAGKFDGK........TITL...NRTADGEWSCAS   127
NTDB id 1204 PSJM300 03935 AFN76865.1          GFIGIGASTNYCT............V..TLIATATGSITCTTQNGMPDRFNGK........TITI...ARTTDGLWDCTS   129
NTDB id 1365 NTHI RS01955 WP 011271973.1       ...NCTGGKNGIAADITTAKGYVKSV.....TTSNGAITVKGDGT...........LANMEYILQATGNAATGVTWTTTC   131
NTDB id 1151540 LG374 RS08160 WP 304518576.1  GIPA....PSDIAG......KYVASVTVSA.SGSNGNIRALMKSS...GVSAR...ISGAELILQG.TETSGAYAWTCKS   133
NTDB id 1119 NGFG RS11465 WP 017147169.1       GVASP...PTDIKG......KYVKEVEVK.....NGVVTATMLSS...GVNNE...IKGKKLSLWG.RRENGSVKWFCGQ   130
NTDB id 1109 OK783 RS10670 WP 157147416.1      GVASA....STIKG......KYVQKVEVA.....KGVVTAQMAST...GVNKE...IQDKKLSLWA.KRQDGSVKWFCGQ   129
NTDB id 1191 AAC28468.1 484..945( )            AGNVIFDSANGLDGKY..FAPGGVTV.....TPDTGAINIAFDAGANAGKTMTITPTVIA........ASGQISTWTCAP   137
NTDB id 1400 DSB67 RS12660 WP 010643261.1      ..TKCHQTANGIPA.A..FTLNNLTVT.PAAGAASGAISITVNAANDKGP.IKQ....NEKYILTA.TYASNGVTWSSEC   141
NTDB id 1424 RS RS02795 WP 011000517.1         ......GSSVF....T..PTKNVANLTIAGTGTVPGQITVTYT.TAAGGGTLALVPTAAGTALPVS.SAPSGPIMWTCYA   140
NTDB id 1002 ACIAD RS15100 WP 004923779.1      AGSSCVGVQEISAS.N..ATTNVATA..TCGASSAGQIIVTMDTTKAKGANITLTPT...........YASGAVTWKCTT   134
NTDB id 1274 LPP RS09530 WP 011214168.1        GYV.........SP.A..ATPNVASI..AIGA..NGVITITY.TAAAGGGTIVMTPTL..........QANGDVTWTCTG   122
NTDB id 1258 GC085 RS09745 WP 014844212.1      GYV.........SP.A..ATPNVQSI..AIGA..NGVITITY.TAAAGGGTIIMTPTL..........QANGDVTWTCTG   122
consensus                                      *            *         *  *     *   ! ** *        *              *        *   !**
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logo
                                                                                  TV                                  TKYL P SS C RA
                                                                                                                      DAE R K TD GAT IN

NTDB id 1184 GTF74 RS02335 WP 000649326.1      TV..................TSEIAPKGCTAGATIN......   153
NTDB id 1167 A1552VC RS11065 WP 000649326.1    TV..................TSEIAPKGCTAGATIN......   153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1     TV..................TSEIAPKGCTAGATIN......   153
NTDB id 1038 HON27 RS01510 WP 000993725.1      DV..................PTEFLPKGCTAGTPTEGAITSL   149
NTDB id 1197 PSJM300 03940 AFN76866.1          TL..................DAKYKPGKCS............   139
NTDB id 1204 PSJM300 03935 AFN76865.1          DL..................DSRYKPGKCL............   141
NTDB id 1365 NTHI RS01955 WP 011271973.1       KGTD................ASLFPANFCGSVTQ.......   149
NTDB id 1151540 LG374 RS08160 WP 304518576.1  SV..................NDRFLPSSCRD...........   146
NTDB id 1119 NGFG RS11465 WP 017147169.1       PVTRADDDTVADAKDGKEIDTKHLPSTCRDKASDAK.....   166
NTDB id 1109 OK783 RS10670 WP 157147416.1      PVTRTGDNDDTVADANNAIDTKHLPSTCRDESSAT......   164
NTDB id 1191 AAC28468.1 484..945( )            GAAN.............GIETRRLPTSCQ*...........   153
NTDB id 1400 DSB67 RS12660 WP 010643261.1      KDATN............AVQTSYCP................   154
NTDB id 1424 RS RS02795 WP 011000517.1         QNKAQAAS.SVAPSGTMSLAAKYAPAECR............   168
NTDB id 1002 ACIAD RS15100 WP 004923779.1      T................S.DKKYVPSECRG...........   147
NTDB id 1274 LPP RS09530 WP 011214168.1        G................TLLAKYRPASCRP...........   136
NTDB id 1258 GC085 RS09745 WP 014844212.1      G................TLLAKYRPASCRP...........   136
consensus                                       *                  *** !   *
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X non conserved

X similar

X ≥ 50% conserved