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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1143808 A8Q77 RS08280 WP 064130860.1  .......MKALQKGFTLIELMIVIAIIGILAVIALPAYQDYTARAQVSEAFSLAEGQKSAVTEYYADKGAWPANNS....   69
NTDB id 1109 OK783 RS10670 WP 157147416.1     .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNT....   69
NTDB id 1119 NGFG RS11465 WP 017147169.1      .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNT....   69
NTDB id 1191 AAC28468.1 484..945( )           ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAG   74
NTDB id 1188 NELON RS01755 WP 003772458.1     .......MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAA.AKA   72
NTDB id 1424 RS RS02795 WP 011000517.1        MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV......   74
NTDB id 1002 ACIAD RS15100 WP 004923779.1     ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTP.STA   71
NTDB id 1258 GCO85 RS09745 WP 014844212.1     .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQA.ATG   70
NTDB id 1274 LPP RS09530 WP 011214168.1       .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQA.ATG   70
NTDB id 1038 HON27 RS01510 WP 000993725.1     ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYE.NAVNEGAVPTKLS.DVG   70
NTDB id 1197 PSJM300 03940 AFN76866.1         ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFE.QAINEGKTPSLTSTDEG   73
consensus                                               *!!!!!!!!!!!!*!!*!!!!**!*!*!**!*************   ******  ** *  *       *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1143808 A8Q77 RS08280 WP 064130860.1  ..........AAGVADK.GDIKGKYVESVEITT.ANSTGYITAKMKGS...GVNEDIKGKTLVLKA..........IKEK   124
NTDB id 1109 OK783 RS10670 WP 157147416.1     ..........SAGVASA.STIKGKYVQKVEVA.....KGVVTAQMAST...GVNKEIQDKKLSLWA..........KRQD   120
NTDB id 1119 NGFG RS11465 WP 017147169.1      ..........SAGVASPPTDIKGKYVKEVEVK.....NGVVTATMLSS...GVNNEIKGKKLSLWG..........RREN   121
NTDB id 1191 AAC28468.1 484..945( )           NVIFDSANG...........LDGKYFAPGGVTV.TPDTGAINIAFDAGA.......NAGKTMTITPT.......VIAASG   128
NTDB id 1188 NELON RS01755 WP 003772458.1     FNKTAAAGGGAGGAAAAGTQHASKYVKSV..KVTEASPWDITVAISATEANGIPTGLDGNTIRLFPLVNK.AVP.AATST   148
NTDB id 1424 RS RS02795 WP 011000517.1        ............GSSVF...TPTKNVANLTIAGTGTVPGQITVTYTT.A.......AGGGTLALVPTAAGTALPVSSAPS   131
NTDB id 1002 ACIAD RS15100 WP 004923779.1     GS.......SCVGVQEISASNATTNVAT..ATCGASSAGQIIVTMDTTK.......AKGANITLTP..........TYAS   125
NTDB id 1258 GCO85 RS09745 WP 014844212.1     YV................SPAATPNVQS..IAIG..ANGVITITYTA.A.......AGGGTIIMTPT.........LQAN   113
NTDB id 1274 LPP RS09530 WP 011214168.1       YV................SPAATPNVAS..IAIG..ANGVITITYTA.A.......AGGGTIVMTPT.........LQAN   113
NTDB id 1038 HON27 RS01510 WP 000993725.1     FT..............AATSSVC..............ATYSIDAFTETDGAGKITCTLKGN..PKIA...TKI..VELTRS   116
NTDB id 1197 PSJM300 03940 AFN76866.1         YI.............GITDST.................SYCDVDLDTAADGHIECTAKGGNAGKFD...GKT..ITLNRT   118
consensus                                               *     *    * *    *        * *** * * *   *     * ** * *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1143808 A8Q77 RS08280 WP 064130860.1  GSFKWECDTT.................SSIATKFLPSVCRPDATASGSASSGSPNQGG   165
NTDB id 1109 OK783 RS10670 WP 157147416.1     GSVKWFCGQPVTRTGDNDDTVA..DANNAIDTKHLPSTCRDESSAT............   164
NTDB id 1119 NGFG RS11465 WP 017147169.1      GSVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK...........   166
NTDB id 1191 AAC28468.1 484..945( )           QISTWTCAPGAAN...............GIETRRLPTSCQ*.................   153
NTDB id 1188 NELON RS01755 WP 003772458.1     GAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK...................   188
NTDB id 1424 RS RS02795 WP 011000517.1        GPIMWTCYAQNKAQAASSVAPS...GTMSLAAKYAPAECR...................   168
NTDB id 1002 ACIAD RS15100 WP 004923779.1     GAVTWKCTTT..................S.DKKYVPSECRG.................   147
NTDB id 1258 GCO85 RS09745 WP 014844212.1     GDVTWTCTGG..................TLLAKYRPASCRP.................   136
NTDB id 1274 LPP RS09530 WP 011214168.1       GDVTWTCTGG..................TLLAKYRPASCRP.................   136
NTDB id 1038 HON27 RS01510 WP 000993725.1     TDGAWTCVSD..................VPTEFLPKGCTAGTPTEGAITSL......   149
NTDB id 1197 PSJM300 03940 AFN76866.1         ADGEWSCAST..................LDAKYKPGKCS.................   139
consensus                                     * * !*!                     **   ***!* !*
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X non conserved

X similar

X ≥ 50% conserved