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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1192 PAKAF RS23870 WP 024947914.1      ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEAL.SRGWSVKSGTGTED    71
NTDB id 1197 PSJM300 03940 AFN76866.1          ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAI.NEGKTPSLTSTD..    71
NTDB id 109879 ACGHM3 RS07215 WP 345417456.1   ......MKQQAQAGFTLIELMIVVAIIGILAAVALPAYQDYTARSQVSEAVTLASGLKATVSEIYATEGTFDEADSE...    71
NTDB id 1109 OK783 RS10670 WP 157147416.1      .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTS...    70
NTDB id 1119 NGFG RS11465 WP 017147169.1       .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTS...    70
NTDB id 1191 AAC28468.1 484..945( )            ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAG    74
NTDB id 1400 DSB67 RS12660 WP 010643261.1      ...MKTNKQKKQQGFTLIELMIVVAIIGILAALAIPAYQDYTKKATMAEFPKIASSTKLAVELCAHEHAADAG.....AF    72
NTDB id 1188 NELON RS01755 WP 003772458.1      .......MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAKAF    73
NTDB id 1424 RS RS02795 WP 011000517.1         MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV......    74
NTDB id 1002 ACIAD RS15100 WP 004923779.1      ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPSTAG    72
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 1192 PAKAF RS23870 WP 024947914.1      A...TKKEVPLGVAADA....NK.LGTIA.LKPDPADGTADITLTF.TMGGAGPKNKGKIITLTR.............TAA    129
NTDB id 1197 PSJM300 03940 AFN76866.1          .......EGYIGITDS.....TS.YCDVD.LD.TAADGHI...ECT.AKGGNAGKFDGKTITLNR.............TA     119
NTDB id 109879 ACGHM3 RS07215 WP 345417456.1   ..........DKGLPAAADVKGNYVQEVE.....VTNGVIVALMA...SSGIGEQIQDKTLTLSP..........STTAG    123
NTDB id 1109 OK783 RS10670 WP 157147416.1      ..........AGVASA.STIKGKYVQKVE.....VAKGVVTAQMA...STGVNKEIQDKKLSLWA..........KRQDG    121
NTDB id 1119 NGFG RS11465 WP 017147169.1       ..........AGVASPPTDIKGKYVKEVE.....VKNGVVTATML...SSGVNNEIKGKKLSLWG..........RRENG    122
NTDB id 1191 AAC28468.1 484..945( )            NVIFD...SANGLD.......GKYFAPGG.VTVTPDTGAINIAFDAGA.......NAGKTMTITPTVI.......AASGQ    129
NTDB id 1400 DSB67 RS12660 WP 010643261.1      KTKC..HQTANGIPAA...FTLNNL.TV.TPAAGAASGAISITVNAANDKG........PIK....QNEKYILTATYASN    133
NTDB id 1188 NELON RS01755 WP 003772458.1      NKTAAAGGGAGGAAAAGTQHASKYVKSV..KVTEASPWDITVAISATEANGIPTGLDGNTIRLFPLVNK.AVP.AATSTG    149
NTDB id 1424 RS RS02795 WP 011000517.1         ...........GSSVF...TPTKNVANLTIAGTGTVPGQITVTYTT.A.......AGGGTLALVPTAAGTALPVSSAPSG    132
NTDB id 1002 ACIAD RS15100 WP 004923779.1      S.......SCVGVQEISASNATTNVAT..ATCGASSAGQIIVTMDTTK.......AKGANITLTP..........TYASG    126
NTDB id 1258 GC085 RS09745 WP 014844212.1      V................SPAATPNVQS..IAIG..ANGVITITYTA.A.......AGGGTIIMTPT.........LQANG    114
NTDB id 1274 LPP RS09530 WP 011214168.1        V................SPAATPNVAS..IAIG..ANGVITITYTA.A.......AGGGTIVMTPT.........LQANG    114
consensus                                                **           *  *          * *****      *       * **** *            *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1192 PAKAF RS23870 WP 024947914.1      DGLWKCTSD....................QDEQFIPKGCSK......    150
NTDB id 1197 PSJM300 03940 AFN76866.1          DGEWSCAST....................LDAKYKPGKCS.......    139
NTDB id 109879 ACGHM3 RS07215 WP 345417456.1   SITWVCGGASKD............STNGIADKYLPAECRS......    151
NTDB id 1109 OK783 RS10670 WP 157147416.1      SVKWFCGQPVTRTGDNDDTVA..DANNAIDTKHLPSTCRDESSAT.    164
NTDB id 1119 NGFG RS11465 WP 017147169.1       SVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK    166
NTDB id 1191 AAC28468.1 484..945( )            ISTWTCAPGAANG...............IETRRLPTSCQ*......    153
NTDB id 1400 DSB67 RS12660 WP 010643261.1      GVTWSSECKDATN...............AVQTSYCP...........    154
NTDB id 1188 NELON RS01755 WP 003772458.1      AIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK.......    188
NTDB id 1424 RS RS02795 WP 011000517.1         PIMWTCYAQNKAQAASSVAPS...GTMSLAAKYAPAECR.......    168
NTDB id 1002 ACIAD RS15100 WP 004923779.1      AVTWKCTTT...................S.DKKYVPSECRG......    147
NTDB id 1258 GC085 RS09745 WP 014844212.1      DVTWTCTGG...................TLLAKYRPASCRP......    136
NTDB id 1274 LPP RS09530 WP 011214168.1        DVTWTCTGG...................TLLAKYRPASCRP......    136
consensus                                       * ! *                       *  ** !  **
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X non conserved
X similar
X $\geq$ 50% conserved