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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1292 VP RS12235 WP 005479693.1          ...MKHSKQKKQQGFTLIELMIVVAIIGVLAAAAIPAYQNYVTRSEVTSGLATVKALITPAELHYQE.NGIAA..    69
NTDB id 1192 PAKAF RS23870 WP 024947914.1       ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSR.GWSVKSG    66
NTDB id 1197 PSJM300 03940 AFN76866.1           ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAINE.GKTPSLT    68
NTDB id 1204 PSJM300 03935 AFN76865.1           ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAISE.GHTPSLV    70
NTDB id 1365 NTHI RS01955 WP 011271973.1        ..MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETTNC.    72
NTDB id 1109 OK783 RS10670 WP 157147416.1       .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDN    68
NTDB id 1191 AAC28468.1 484..945( )             ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAA    69
NTDB id 1424 RS RS02795 WP 011000517.1          MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSVG    75
NTDB id 227606 XcfCFBP6988P RS16380 WP 007962467.1 ........MKKQQGFTLIELMIVVAIIAILAAIALPAYQDYTIRSRVSELAVMASSFKTTVAENIANNGGTLPAD    67
NTDB id 1002 ACIAD RS15100 WP 004923779.1      ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGT    67
NTDB id 1274 LPP RS09530 WP 011214168.1         ........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQ    66
NTDB id 1258 GCO85 RS09745 WP 014844212.1       ........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQ    66
consensus                                                 **!!*!!!!!!!*!!***!!**!*!*!**!**** *****       *  * *     *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1292 VP RS12235 WP 005479693.1          ......AATLAQLGVDVAANDL..GAIDS......ALAGGSPTLTFTFD...ADSSIDGGILTFTRD........   119
NTDB id 1192 PAKAF RS23870 WP 024947914.1       TGTEDATKKEVPLGVAADANKL..GTIAL..K..PDPADGTADITLTFTMGGAGPKNKGKIITLTRT........   127
NTDB id 1197 PSJM300 03940 AFN76866.1           STDE......GYIGITDSTS.Y..CDVDL..D...TAADGH..IE.CTAKGGNAGKFDGKTITLNRT........   118
NTDB id 1204 PSJM300 03935 AFN76865.1           SSLP......GFIGIGASTN.Y..CTVTL..I...ATATGS..IT.CTTQNGMPDRFNGKTITIART........   120
NTDB id 1365 NTHI RS01955 WP 011271973.1        ..TGG.KN.....GIA.ADITTAKGYVK.....SVTTSNG..AITVKGDG..........TLANMEY....ILQA   117
NTDB id 1109 OK783 RS10670 WP 157147416.1       TSAGV.A..........SASTIKGKYVQKVEVA.....KG..VVTAQMASTGVNKEIQDKKLSLW..........   115
NTDB id 1191 AAC28468.1 484..945( )             ALVAG.N.....VIFD.SANGLDGKYFAPGGVT.VTPDTG..AINIAFDA....GANAGKTMTITPTVIA.....   125
NTDB id 1424 RS RS02795 WP 011000517.1          S...........SVF....TPT..KNVANLTIAGTGTVPG..QITVTYT.....TAAGGGTLALVPTAAGTALPV   126
NTDB id 227606 XcfCFBP6988P RS16380 WP 007962467.1 .......ACVGVG....ATAAT..TNMAS..IACTPA.TG..NIVVTGDA....TRTKGTVLTYAPTVGA.....   115
NTDB id 1002 ACIAD RS15100 WP 004923779.1      PSTAG.SSCVGVQEIS.ASNAT..TNVAT..ATCGASSAG..QIIVTMDT....TKAKGANITLTPT.YA.....   124
NTDB id 1274 LPP RS09530 WP 011214168.1         AATGY.V..........SPAAT..PNVAS..IAIGA..NG..VITITY.T....AAAGGGTIVMTPTLQA.....   112
NTDB id 1258 GCO85 RS09745 WP 014844212.1       AATGY.V..........SPAAT..PNVQS..IAIGA..NG..VITITY.T....AAAGGGTIIMTPTLQA.....   112
consensus                                                                *    *        !   ****           * ****  *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1292 VP RS12235 WP 005479693.1          .....AATGWSCLPT.................APAI.AVDGCS......   139
NTDB id 1192 PAKAF RS23870 WP 024947914.1       ....AADGLWKCTSD.................QDEQFIPKGCSK.....   150
NTDB id 1197 PSJM300 03940 AFN76866.1           .....ADGEWSCAST.................LDAKYKPGKCS......   139
NTDB id 1204 PSJM300 03935 AFN76865.1           .....TDGLWDCTSD.................LDSRYKPGKCL......   141
NTDB id 1365 NTHI RS01955 WP 011271973.1        TGNAATGVTWTTTCK................GTDASLFPANFCGSVTQ.   149
NTDB id 1109 OK783 RS10670 WP 157147416.1       AKRQDGSVKWFCGQPVTRTGDNDDTVADANNAIDTKHLPSTCRDESSAT   164
NTDB id 1191 AAC28468.1 484..945( )             ..ASGQISTWTCAPGAAN.............GIETRRLPTSCQ*.....   153
NTDB id 1424 RS RS02795 WP 011000517.1          SSAPSGPIMWTCYAQNKAQAA.SSVAPSGTMSLAAKYAPAECR......   168
NTDB id 227606 XcfCFBP6988P RS16380 WP 007962467.1 .ANSAVGTTWTCTGS................GSQSKYYPAECRR.....   142
NTDB id 1002 ACIAD RS15100 WP 004923779.1       .S...GAVTWKCTTT................S.DKKYVPSECRG.....   147
NTDB id 1274 LPP RS09530 WP 011214168.1         .N...GDVTWTCTGG................TLLAKYRPASCRP.....   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1       .N...GDVTWTCTGG................TLLAKYRPASCRP.....   136
consensus                                            *   !***                  ** ** ** *
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X non conserved
X similar
X $\geq$ 50% conserved