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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1292 VP RS12235 WP 005479693.1          ...MKHSKQKKQQGFTLIELMIVVAIIGVLAAAAIPAYQNYVTRSEVTSGLATVKALITPAELHYQENG.IAAAA.....    71
NTDB id 1038 HON27 RS01510 WP 000993725.1       ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVNEGA.VPTKLSD...    68
NTDB id 1197 PSJM300 03940 AFN76866.1           ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAINEGK.TPSLTSTD..    71
NTDB id 1192 PAKAF RS23870 WP 024947914.1       ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSRGW.SVKSGTGTE.    70
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( )             ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAG    74
NTDB id 1000370 ABFU65 RS05040 WP 323549479.1  ........MKKQQGFTLIELMIVVAIIAILAAIALPAYQDYLVKSRVSEVVLAASSARTTVSEAAASDTGANMPATVNI.    71
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 1274 LPP RS09530 WP 011214168.1         .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY    71
NTDB id 1258 GCO85 RS09745 WP 014844212.1       .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY    71
consensus                                                 !*!!!!!!!!!!*!!***!!!*!*!*!**!* *  *****  *   **  ***

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1292 VP RS12235 WP 005479693.1          ......TLAQLGVDVAANDLGAID....SAL....AGGSPTL..T.FT.FDADSSIDGGILTFTR.............DA   120
NTDB id 1038 HON27 RS01510 WP 000993725.1       ..........VGFTAATSSVCATY....SIDAFTETDGAGKI.TC.TLK..GNPKIATKIVELTR.............ST   117
NTDB id 1197 PSJM300 03940 AFN76866.1           .......EGYIGITDS.TSYCDVD.....LD..TAADGHI...EC.TAKGGNAGKFDGKTITLNR.............TA   119
NTDB id 1192 PAKAF RS23870 WP 024947914.1       ..DATKKEVPLGVAADANKLGTIA.....LKP.DPADGTADITLT.FTMGGAGPKNKGKIITLTRT............AA   129
NTDB id 1119 NGFG RS11465 WP 017147169.1        ...........GVASPPTDIKGKYVKEVEV.....KNGVVTATMLSS...GVNNEIKGKKLSLWG..........RRENG   122
NTDB id 1109 OK783 RS10670 WP 157147416.1       ...........GVASA.STIKGKYVQKVEV.....AKGVVTAQMAST...GVNKEIQDKKLSLWA..........KRQDG   121
NTDB id 1191 AAC28468.1 484..945( )             NVIFDSANG..........LDGKYFAPGGVTVT.PDTGAINIAFDA.......GANAGKTMTITPTVIA.......ASGQ   129
NTDB id 1000370 ABFU65 RS05040 WP 323549479.1  ................ESQSSKYVSGVTYAQSG.ANGVITATAK.....DLGGSTPTGTITLTG.........TKGANG   119
NTDB id 1188 NELON RS01755 WP 003772458.1       NKTAAAGGGAGGAAAAGTQHASKYVKSV..KVTEASPWDITVAISATEANGIPTGLDGNTIRLFPLVNK.AVP.AATSTG   149
NTDB id 1424 RS RS02795 WP 011000517.1          ...........GSSVF...TPTKNVANLTIAGTGTVPGQITVTYT.T.......AAGGGTLALVPTAAGTALPVSSAPSG   132
NTDB id 1002 ACIAD RS15100 WP 004923779.1       S.......SCVGVQEISASNATTNVATA..TCGASSAGQIIVTMDTT.......KAKGANITLTPT..........YASG   126
NTDB id 1274 LPP RS09530 WP 011214168.1         V................SPAATPNVASI..AIGA..NGVITITY.TA.......AAGGGTIVMTPTL.........QANG   114
NTDB id 1258 GCO85 RS09745 WP 014844212.1       V................SPAATPNVQSI..AIGA..NGVITITY.TA.......AAGGGTIIMTPTL.........QANG   114
consensus                                                 *           *           * ***              *  ****             *

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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1292 VP RS12235 WP 005479693.1          ATGWSCLP...................TAPAIA.VDGCS............   139
NTDB id 1038 HON27 RS01510 WP 000993725.1       DGAWTCVS...................DVPTEFLPKGCTAGTPTEGAITSL   149
NTDB id 1197 PSJM300 03940 AFN76866.1           DGEWSCAS...................TLDAKYKPGKCS............   139
NTDB id 1192 PAKAF RS23870 WP 024947914.1       DGLWKCTS...................DQDEQFIPKGCSK...........   150
NTDB id 1119 NGFG RS11465 WP 017147169.1        SVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK.....   166
NTDB id 1109 OK783 RS10670 WP 157147416.1       SVKWFCGQPVTRTGDNDDTVA..DANNAIDTKHLPSTCRDESSAT......   164
NTDB id 1191 AAC28468.1 484..945( )             ISTWTCAPGAAN...............GIETRRLPTSCQ*...........   153
NTDB id 1000370 ABFU65 RS05040 WP 323549479.1  QVNWVCSG...................SIAPKYRPSTCQ............   139
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 1274 LPP RS09530 WP 011214168.1         DVTWTCTGG..................TLLAKYRPASCRP...........   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1       DVTWTCTGG..................TLLAKYRPASCRP...........   136
consensus                                        * ! !                     **  ** *  !
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X non conserved
X similar
X $\geq$50% conserved