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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1038 HON27 RS01510 WP 000993725.1      ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGY.ENAVNEGAVPTKLSDV..    69
NTDB id 1192 PAKAF RS23870 WP 024947914.1      ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTV.EEALSRGWSVKSGTGTED    71
NTDB id 1197 PSJM300 03940 AFN76866.1          ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGF.EQAINEGKTPSLTSTDE.    72
NTDB id 1204 PSJM300 03935 AFN76865.1          ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAF.EQAISEGHTPSLVSSLP.    74
NTDB id 1119 NGFG RS11465 WP 017147169.1       .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAGV    73
NTDB id 1109 OK783 RS10670 WP 157147416.1      .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSAGV    73
NTDB id 1191 AAC28468.1 484..945( )            ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAG    74
NTDB id 1002 ACIAD RS15100 WP 004923779.1      ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPSTAG    72
NTDB id 1424 RS RS02795 WP 011000517.1         MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQS..DLS.....    73
NTDB id 1122628 EL220 RS12235 WP 027270256.1  .........MKQKGFTLIELMIVVAIIGILAAIAIPAYQDYVVRARVTEGLSLASAAKTTVSENASS....GAAK.....    62
NTDB id 1258 GC085 RS09745 WP 014844212.1     .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQ.....    66
NTDB id 1274 LPP RS09530 WP 011214168.1        .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQ.....    66
consensus                                                **!!*!!!!!!!*!!*!!!!!*!*!*!**!**** ***** *   ****** **  *  *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1038 HON27 RS01510 WP 000993725.1      ...............GFTAATSSVCATYSIDAFTETDGAGKIT.CTLKG..NPKIATKIVELTR............S.TD   118
NTDB id 1192 PAKAF RS23870 WP 024947914.1      ATK.......KEVPLGVAADANKLGTIALKP..DPADGTADITLTFTMGGAGPKNKGKIITLTR............TAAD   130
NTDB id 1197 PSJM300 03940 AFN76866.1          ............GYIGITDSTS.YCDVDLD...TAADGH..IE.CTAKGGNAGKFDGKTITLNR............T.AD   120
NTDB id 1204 PSJM300 03935 AFN76865.1          ............GFIGIGASTN.YCTVTLI...ATATGS..IT.CTTQNGMPDRFNGKTITIAR............T.TD   122
NTDB id 1119 NGFG RS11465 WP 017147169.1       A...SPPTDIKGKYVKEVE................VKNGVVTATMLSSGVNNEIKGKKLSL..........WGRRENGS   123
NTDB id 1109 OK783 RS10670 WP 157147416.1      A...SA.STIKGKYVQKVE................VAKGVVTAQMASTGVNKEIQDKKLSL..........WAKRQDGS   122
NTDB id 1191 AAC28468.1 484..945( )            NVIFDSANGLDGKYFAPGGVT.............VTPDTGAINIAFDA....GANAGKTMTITPTVIA.......ASGQI   130
NTDB id 1002 ACIAD RS15100 WP 004923779.1      S......SCVGVQEISASNATT...NVATA..TCGASSAGQIIVTMDT....TKAKGANITLTP..........TYASGA   127
NTDB id 1424 RS RS02795 WP 011000517.1         .........VGSSVFTPTKNVA...NLTIA..GTG.TVPGQITVTYT.....TAAGGGTLALVPTAAGTALPVSSAPSGP   133
NTDB id 1122628 EL220 RS12235 WP 027270256.1  .........LGQGWVAP.TATA...NVKSV..AVD.DNTGVITITYD.....APAKSIVITLTPQSGGAALVAGTPPTDA   121
NTDB id 1258 GC085 RS09745 WP 014844212.1     .........AATGYVSP.AATP...NVQSI..AIG.A.NGVITITYT.....AAAGGGTIIMTPT.........LQANGD   115
NTDB id 1274 LPP RS09530 WP 011214168.1        .........AATGYVSP.AATP...NVASI..AIG.A.NGVITITYT.....AAAGGGTIVMTPT.........LQANGD   115
consensus                                                  **     *     *           * ****           ** ****              *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1038 HON27 RS01510 WP 000993725.1      GAWTCVSDV..................PTEFLPKGCTAGTPTEGAITSL   149
NTDB id 1192 PAKAF RS23870 WP 024947914.1      GLWKCTSDQ..................DEQFIPKGCSK...........   150
NTDB id 1197 PSJM300 03940 AFN76866.1          GEWSCASTL..................DAKYKPGKCS............   139
NTDB id 1204 PSJM300 03935 AFN76865.1          GLWDCTSDL..................DSRYKPGKCL............   141
NTDB id 1119 NGFG RS11465 WP 017147169.1       VKWFCGQPVTRADDDTVADAKDGKEIDTKHLPSTCRDKASDAK.....   166
NTDB id 1109 OK783 RS10670 WP 157147416.1      VKWFCGQPVTRTGDNDDTVADANNAIDTKHLPSTCRDESSAT......   164
NTDB id 1191 AAC28468.1 484..945( )            STWTCAPGAAN..............GIETRRLPTSCQ*...........   153
NTDB id 1002 ACIAD RS15100 WP 004923779.1      VTWKCTTTS..................DKKYVPSECRG...........   147
NTDB id 1424 RS RS02795 WP 011000517.1         IMWTCYAQNKAQAAS.SVAPSGTMSLAAKYAPAECR...........   168
NTDB id 1122628 EL220 RS12235 WP 027270256.1  ITWTCAVDQ................AANDRYVPSNCRI...........   143
NTDB id 1258 GC085 RS09745 WP 014844212.1     VTWTCTGGT................LLAKYRPASCRP...........   136
NTDB id 1274 LPP RS09530 WP 011214168.1        VTWTCTGGT................LLAKYRPASCRP...........   136
consensus                                      * !*!                     * ***!  !*
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X non conserved
X similar
X $\geq$ 50% conserved