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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1038 HON27 RS01510 WP 000993725.1      ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENA.VNEGAVPTKLSDV..    69
NTDB id 1192 PAKAF RS23870 WP 024947914.1      ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEA.LSRGWSVKSGTGTED    71
NTDB id 1197 PSJM300 03940 AFN76866.1          ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQA.INEGKTPSLTSTDE.    72
NTDB id 1204 PSJM300 03935 AFN76865.1          ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQA.ISEGHTPSLVSSLP.    74
NTDB id 1383 A4U84 RS08530 WP 005711781.1      MK.KIRLIRPLAKAFTLIELMIVIAIIAILATIAIPSYTSYTQKAALSELLSASASYKSDVEICIYNVGDKKISECSSGK    79
NTDB id 1365 NTHI RS01955 WP 011271973.1       .M.KLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE..TTNCTGGK    76
NTDB id 1354 HI 0299 AAC21963.1                .M.KLTTLQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE..TTSCTGGK    76
NTDB id 1119 NGFG RS11465 WP 017147169.1       .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAGV    73
NTDB id 1191 AAC28468.1 484..945( )            ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVA.    73
NTDB id 1424 RS RS02795 WP 011000517.1         MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSVG.....    75
NTDB id 1036487 ACA097 RS17680 WP 371364865.1 ........MKAQKGFTLIELMIVVAIIGILAAVAIPAYQDYTVRARVSELILAASSARTCVTEASQLASAVSAGNCQAP.    71
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                                                 ***!*!!!!!!!*!!**!!!**!*!*!**!* ** *****       *  *    *  *         *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1038 HON27 RS01510 WP 000993725.1      .............GFTAATSSVCATYSIDAFTETDGAGKIT.CTLKG..NPKIATKIVELTRS..............TDG   119
NTDB id 1192 PAKAF RS23870 WP 024947914.1      ATKKE..VP...LGVAADANKLGTIALKP..DPADGTADITLTFTMGGAGPKNKGKIITLTRT.............AADG   131
NTDB id 1197 PSJM300 03940 AFN76866.1          .......GY...IGITDSTS.YCDVDLD...TAADGH..IE.CTAKGGNAGKFDGKTITLNRT..............ADG   121
NTDB id 1204 PSJM300 03935 AFN76865.1          .......GF...IGIGASTN.YCTVTLI...ATATGS..IT.CTTQNGMPDRFNGKTITIART..............TDG   123
NTDB id 1383 A4U84 RS08530 WP 005711781.1      NGVR.......ADKSDVPDAKYLKSISV.....AS..GVITVAGKG.....NIDGYGYTMTP.K..........FANNNI   129
NTDB id 1365 NTHI RS01955 WP 011271973.1       NGIA.......ADITT..AKGYVKSVTT.....SN..GAITVKGDG.....TLANMEYILQATG..........NAATGV   125
NTDB id 1354 HI 0299 AAC21963.1                NGIA.......ADIKT..AKGYVASVIT.....QS..GGITVKGNG.....TLANMEYILQAKG..........NAAAGV   125
NTDB id 1119 NGFG RS11465 WP 017147169.1       AS...........PPTDIKGKYVKEVEV.....KN..GVVTA..TM.....LSSG....VNNEIKGKKLSLWGRRENGSV   124
NTDB id 1191 AAC28468.1 484..945( )            ....GNVIFDSANGL.DGKYFAPGGVTV...TPDT..GAINI..AFD..AGANAGKTMTITPTV.......IA.ASGQIS   131
NTDB id 1424 RS RS02795 WP 011000517.1         .....SSVF...TPTKNVANLTIAGTGT...V..P..GQITV..TY...TTAAGGGTLALVPTAAGTALPVSS.APSGPI   134
NTDB id 1036487 ACA097 RS17680 WP 371364865.1 ............AVVGMVASS.....SI...T..G..GTISVTGTTG..SNSPQGTNITLTPT........WN.STANTV   116
NTDB id 1002 ACIAD RS15100 WP 004923779.1      SSCVGVQEISASNATTNVATATCG..AS...S..A..GQIIV..TMD..TTKAKGANITLTPT.........Y.A.SGAV   128
NTDB id 1274 LPP RS09530 WP 011214168.1        V.........SPAATPNVASIAIG..A.......N..GVITI..TY...TAAAGGGTIVMTPT........LQ.A.NGDV   116
NTDB id 1258 GCO85 RS09745 WP 014844212.1      V.........SPAATPNVQSIAIG..A.......N..GVITI..TY...TAAAGGGTIIMTPT........LQ.A.NGDV   116
consensus                                                *                         *  ***  *         *  * ** *             * *
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logo
                                                   AWTCVSD..................VPTEFLPKG.CTAGTPTEGAITSL   149
NTDB id 1038 HON27 RS01510 WP 000993725.1          LWKCTSD..................QDEQFIPKG.CSK...........   150
NTDB id 1197 PSJM300 03940 AFN76866.1              EWSCAST..................LDAKYKPGK.CS............   139
NTDB id 1204 PSJM300 03935 AFN76865.1              LWDCTSD..................LDSRYKPGK.CL............   141
NTDB id 1383 A4U84 RS08530 WP 005711781.1          TWATSCQ..................GADISLFPANFCGQKATP.......   154
NTDB id 1365 NTHI RS01955 WP 011271973.1           TWTTTCK..................GTDASLFPANFCGSVTQ........   149
NTDB id 1354 HI 0299 AAC21963.1                    TWTTTCK..................GTDASLFPANFCGSVTK........   149
NTDB id 1119 NGFG RS11465 WP 017147169.1           KWFCGQPVTRADDDTVADAKDGKEIDTKHLPST.CRDKASDAK.....   166
NTDB id 1191 AAC28468.1 484..945( )                TWTCAPGAAN...............GIETRRLPTS.CQ*...........   153
NTDB id 1424 RS RS02795 WP 011000517.1             MWTCYAQNKAQAASSV.APSGTMSLAAKYAPAE.CR............   168
NTDB id 1036487 ACA097 RS17680 WP 371364865.1      TWACTGS..................P..AKYLPGS.CAAAAAPAP.....   140
NTDB id 1002 ACIAD RS15100 WP 004923779.1          TWKCTTT..................S.DKKYVPSE.CRG...........   147
NTDB id 1274 LPP RS09530 WP 011214168.1            TWTCTGG..................TLLAKYRPAS.CRP...........   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1          TWTCTGG..................TLLAKYRPAS.CRP...........   136
consensus                                          *!***                     ** ** !*  !
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X non conserved

X similar

X ≥ 50% conserved