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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 124 BSU 16930 NP 389575.2                  ....MEFPKKAEIIAVGSELLLGQIANTNAQFISKQLAEIGVNVFYHTAVGDNPERLKQVIRIAEERSDFIIFSGGLGPT    76
NTDB id 1150609 KJA80 RS05205 WP 002415624.1       MLLEKGKSMKAEIIAVGTELLLGQVVNTNATFLSEELAALGIDVYYQTVVGDNGGRLETLLTEAEQRSDLIVLCGGLGPT    80
NTDB id 462 GPW51 RS00385 WP 012774894.1           ........MKAELIAVGTEILTGQIINTNAQFLSEKCAELGIDVYFHTAVGDNEGRLLSTLEVASKRSNMVVLCGGLGPT    72
NTDB id 412 SMU RS09535 WP 002262393.1             ........MKSEIIAVGTEILTGQIVNTNSQFLSEKFAELGIDVYFQTAVGDNEERLLSVLKIAKERSDLIVLCGGLGPT    72
NTDB id 170 SP RS09755 WP 000642718.1              ........MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEVRLLSLLEIASQRSSLVILTGGLGPT    72
NTDB id 239 SPD RS09270 WP 000642701.1             ........MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEVRLLSLLEIASQRSSLVILTGGLGAT    72
NTDB id 280 KZH43 RS08670 WP 000642700.1           ........MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEVRLLSLLEIASQRSSLVILTGGLGAT    72
NTDB id 205 SPR RS08830 WP 000642700.1             ........MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEVRLLSLLEIASQRSSLVILTGGLGAT    72
NTDB id 538 SMSK321 RS11060 WP 000642686.1         ........MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEARLLSLLEIASQRSSLVILTGGLGPT    72
NTDB id 510 SM12261 RS08320 WP 000642690.1         ........MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEARLLSLLEIASQRSSLVILTGGLGPT    72
consensus                                                  *!*!*!!!!*!*!*!!**!!!**!*!***!**!**!***!*!!!!*  !!******!**!!******!!!!*!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 124 BSU 16930 NP 389575.2                  KDDLTKETIANTLGRPLVLNDEAFQSIEDYFKRTK.RTMSPNNRKQALVIEGSDVLANHFGMAPGMLTEHESRYYMLLPG   155
NTDB id 1150609 KJA80 RS05205 WP 002415624.1       EDDLTKQVVAQHLHKSLVEDQEGLNRLHQFFQQSK.RPMTENNLRQVLAIEGGQVLQNPTGLAVGSFVTEGTTSYLLLPG   159
NTDB id 462 GPW51 RS00385 WP 012774894.1           EDDLTKQTLATFLGRNLVFDELAMAKLDRFFASRPGRVRTPNNERQAQIVEGSQALQNPAGLAVGGMIEQDGVTYIVLPG   152
NTDB id 412 SMU RS09535 WP 002262393.1             EDDLTKQTLAKFLKRELVFDKTAQERLDEFFASRPTSMRTPNNECQAQIIAGSQPLSNKTGLAVGGLLEADGVTYVVLPG   152
NTDB id 170 SP RS09755 WP 000642718.1              EDDLTKQTLAKFLGKALVFDPQAQEKLDIFFTLRPDYARTPNNERQAQIVEGAIPLPNETGLAVGGKLEVDGVTYVVLPG   152
NTDB id 239 SPD RS09270 WP 000642701.1             EDDLTKQTLAKFLGKALVFDPQAQEKLDIFFALRPDYARTPNNERQVQIVEGAIPLPNETGLAVGGKLEVDGVTYVVLPG   152
NTDB id 280 KZH43 RS08670 WP 000642700.1           EDDLTKQTLAKFLGKALVFDPQAQEKLDIFFALRPDYARTPNNERQAQIVEGAIPLPNETGLAVGGKLEVDGVTYVVLPG   152
NTDB id 205 SPR RS08830 WP 000642700.1             EDDLTKQTLAKFLGKALVFDPQAQEKLDIFFALRPDYARTPNNERQAQIVEGAIPLPNETGLAVGGKLEVDGVTYVVLPG   152
NTDB id 538 SMSK321 RS11060 WP 000642686.1         EDDLTKQTLAKFLGKELVFDPQAQEKLDVFFAQRPDYARTPNNERQAQIVEGATPLPNETGLAVGGILEVDGVTYVVLPG   152
NTDB id 510 SM12261 RS08320 WP 000642690.1         EDDLTKQTLAKFLGKELVFDPQAQEKLDVFFAQRPDYARTPNNERQAQLVEGAIPLPNETGLAVGGILEVDGVTYVVLPG   152
consensus                                          *!!!!!***!**!** !!************!* ********!!**!*****!***!*!**!*!*!*********!**!!!

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NTDB id 124 BSU 16930 NP 389575.2                  PPSELRPMFENEAKPLLLKKMGSNEKIVSTVLRFFGIGESQLEADLEDIIDAQTNPTIAPLAADGEVTLRLTAKHADEKE   235
NTDB id 1150609 KJA80 RS05205 WP 002415624.1       PPNELIPMFQQAARPLLIDAFPQEEQLISRVLRFYGIGESQLVTEIQSLIVHQTNPTIAPYAKPNEVTLRLTVKTKDLVA   239
NTDB id 462 GPW51 RS00385 WP 012774894.1           PPSELKAMFSESLLPLLSQ...SQQQLYSRVLRFFGIGESQLVTVLADVIDKQTDPTLAPYAKVGEVTLRLSTKATSQEE   229
NTDB id 412 SMU RS09535 WP 002262393.1             PPSELKPMVNKELLPYLSK...TSEKLYSRVLRFFGIGESHLVTLLHDLIAEQTDPTIAPYAKTGEVTIRLSTKAHRQKE   229
NTDB id 170 SP RS09755 WP 000642718.1              PPSELKPMVLNQLLPKLM....TGSKLYSRVLRFFGIGESQLVTILADLIDNQIDPTLAPYAKTGEVTLRLSTKASSQEE   228
NTDB id 239 SPD RS09270 WP 000642701.1             PPSELKPMVLNQLLPKLM....TGSKLYSRVLRFFGIGESQLVTILADLIDNQIDPTLAPYAKTGEVTLRLSTKASSQEE   228
NTDB id 280 KZH43 RS08670 WP 000642700.1           PPSELKPMVLNQLLPKLM....TGSKLYSRVLRFFGIGESQLVTILADLIDNQIDPTLAPYAKTGEVTLRLSTKASSQEE   228
NTDB id 205 SPR RS08830 WP 000642700.1             PPSELKPMVLNQLLPKLM....TGSKLYSRVLRFFGIGESQLVTILADLIDNQIDPTLAPYAKTGEVTLRLSTKASSQEE   228
NTDB id 538 SMSK321 RS11060 WP 000642686.1         PPSELKPMVLNQLLPKLM....TGSKLYSRVLRFFGIGESQLVTILSDLIDNQTDPTLAPYAKTGEVTLRLSTKASSQEE   228
NTDB id 510 SM12261 RS08320 WP 000642690.1         PPSELKPMVLNQLLPKLM....TGSKLHSRVLRFFGIGESQLVTILSDLIDNQTDPTLAPYAKTGEVTLRLSTKASSQEE   228
consensus                                          !!*!!**!******!*!*    ******!*!!!!*!!!!!*!*******!**!**!!*!!*!***!!!*!!**!*****
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logo
NTDB id 124 BSU 16930 NP 389575.2          TERLLKETEAVILE.......RVGEFFYGYDD.TSLVKELSIACKEKGITISAAESFTGGLFSEWLTDHSGASKLFAGGV   307
NTDB id 1150609 KJA80 RS05205 WP 002415624.1 GEELLTATEEKVLA.......KVGDYFYGYGDDNSLAKVTVDLLLQNGQTVTAAESLTAGLFQSTLGEIAGASKIFKGGF   312
NTDB id 462 GPW51 RS00385 WP 012774894.1   ANLRLNQLEEDILQHD.....KLADYFYAYGEDNSLVKTVATRLAEKRQTIAIVEQGTGGLLQAELSLALADQPYFSGGK   304
NTDB id 412 SMU RS09535 WP 002262393.1     ADSKLDKLEKKIITID.....NLADYFYGYGEENSLPQVVFDLLKEKGKTITAAESLTAGLFQARLADFAGASDIFKGGF   304
NTDB id 170 SP RS09755 WP 000642718.1      ANQALDILENQILDCQTFEGISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFKGGF   308
NTDB id 239 SPD RS09270 WP 000642701.1     ANQALDILENQILDCQTFEGISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFEGGF   308
NTDB id 280 KZH43 RS08670 WP 000642700.1   ANQALDILENQILDCQTFEGISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFEGGF   308
NTDB id 205 SPR RS08830 WP 000642700.1     ANQALDILENQILDCQTFEGISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFEGGF   308
NTDB id 538 SMSK321 RS11060 WP 000642686.1 ANQVLDILENQILGRQTFEGLSLRDLCYGYGEEASLASIVVEELKKQGKTITAAESLTAGLFQATVADFSGASSIFKGGF   308
NTDB id 510 SM12261 RS08320 WP 000642690.1 ANQVLDILENQILGRQTFEGLSLRDLCYGYGEETSLASIVVEELKRQGKTITSAESLTAGLFQARVADFSGASSIFKGGF   308
consensus                                  *** !***!***** ************!*!****!!************!****!**!*!!***************!*!!*

logo
NTDB id 124 BSU 16930 NP 389575.2          VCYTNDVKQNVLGVKKETLDRFGAVSKECASELAKGVQKLTGSDIGISFTGVAGPDAQEGHEPGHVFIGISANGKEEVHE   387
NTDB id 1150609 KJA80 RS05205 WP 002415624.1 VTYSQETKENFLGISHELLEEHGTVSEACAKEMAEKARQLAKSNYGLSFTGVAG.DPIEGQPTGTVWIGLAEEGQPTVAE   391
NTDB id 462 GPW51 RS00385 WP 012774894.1   VVGQLGIES................GWLS.EEADCIRQELQADLGLAVSVLIKPESTEDNVLAKVYLTLATPSGISQKE   366
NTDB id 412 SMU RS09535 WP 002262393.1     ITYSIEEKARMLGIPFEDLQLHGVVSAFTAEKMAERSRQLTQADLAISLTGVAGPDSLEGQPAGTVFIGLSSSKRTMAIK   384
NTDB id 170 SP RS09755 WP 000642718.1      VTYSLEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFIGLAQDQGTEVIK   388
NTDB id 239 SPD RS09270 WP 000642701.1     VTYSLEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFIGLAQDQGTEVIK   388
NTDB id 280 KZH43 RS08670 WP 000642700.1   VTYSLEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFIGLAQDQGTEVIK   388
NTDB id 205 SPR RS08830 WP 000642700.1     VTYSLEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFIGLAQDQGTEVIK   388
NTDB id 538 SMSK321 RS11060 WP 000642686.1 VTYSLEEKSKMLDIPVKDLEEQGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPAGTVFIGLAQEHGTKVIK   388
NTDB id 510 SM12261 RS08320 WP 000642690.1 VTYSLEEKSKMLDIPVKDLEEQGVVSEFTAQKMAEQARIKTQSDFGLSLTGVAGPDSLEGHPAGTVFIGLAQEQGTEVIK   388
consensus                                  **************** * ***************!************************!******!**************

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NTDB id 124 BSU 16930 NP 389575.2          FHF.AGSRTGIRKRGAKYGCHLILKLLEQK....   416
NTDB id 1150609 KJA80 RS05205 WP 002415624.1 CFHFNRDRNYIRQSAVMRGLDLLRRRIINKK...   422
NTDB id 462 GPW51 RS00385 WP 012774894.1   IDLGGYSWQYLRQLACLQAWDFVRNTL.......   393
NTDB id 412 SMU RS09535 WP 002262393.1     VLIGGRSRSDVRYIAVLHAFNLVRQTLLSHKNLV   418
NTDB id 170 SP RS09755 WP 000642718.1      VNIGGRSRADVRHIAVMHAFNLVRKALLSD....   418
NTDB id 239 SPD RS09270 WP 000642701.1     VNIGGRSRADVRHIAVMHAFNLVRKALLSD....   418
NTDB id 280 KZH43 RS08670 WP 000642700.1   VNIGGRSRADVRHIAVMHAFNLVRKALLSD....   418
NTDB id 205 SPR RS08830 WP 000642700.1     VNIGGRSRADVRHIAVMHAFNLVRKALLSD....   418
NTDB id 538 SMSK321 RS11060 WP 000642686.1 VNIGGRSRADVRHIAVMHAFNLVRKALLSD....   418
NTDB id 510 SM12261 RS08320 WP 000642690.1 VNIGGRSRADVRHIAVMHAFNLVRKALLSD....   418
consensus                                  ***********!******************
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X non conserved

X similar

X ≥ 50% conserved