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logo
NTDB id 1361 HI 0985 AAC22646.1          MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDDVAFRQMGW.GAIQIRRWFK..PEAKFIEPALVWSQKEGNH.   76
NTDB id 25 SA RS06185 WP 000593194.1     .MI.KLFLLKL......YWAH....FSTKQIHQFLMAYPNVIKEEGRKKDSYLCFWVNREENVLLLRKYYAFIKLDHNDI   68
NTDB id 599 KW2 RS05940 WP 021037268.1   .MITNFDLFRW......KKAG....MTNLGVNKLLKFFRKYDRKISL.RQ..MGQVAQVKSIPNFIEQ...YKNQDVKKL   63
NTDB id 407 SMU RS04605 WP 002262865.1   ..MDNFQLFKL......KKAG....LTNLNILNIIDYEERTQKSLSL.RD..MAVVSKNKKPLIFMEH...YKNLDSKAL   62
NTDB id 525 SMSK321 RS06295 WP 000705298.1 MKITNYEIYKL......KKSG....LTNQQILKVLEYGENVDQELLL.GD..IADISGCRNPAVFMER...YFQIDDAHL   64
NTDB id 497 SM12261 RS05565 WP 000705318.1 MKITNYEIYKL......KKSG....LTNQQVLAVLEYGENVDQELLL.GD..IAEISGCRNPAVFMER...YFQIDDAHL   64
NTDB id 993682 AAIS09 RS05965 WP 000705301.1 MKITNYEIYKL.....KKSG....LTNQQILKVLEYGENVDQELLL.GD..IADISGCRNPAVFMER...YFQIDDAHL   64
NTDB id 267 KZH43 RS05590 WP 000705306.1 MKITNYEIYKL.....KKSG....LTNQQILKVLEYGENVDQELLL.GD..IADISGCRNPAVFMER...YFQIDDAHL   64
NTDB id 226 SPD RS05990 WP 000705306.1   MKITNYEIYKL.....KKSG....LTNQQILKVLEYGENVDQELLL.GD..IADISGCRNPAVFMER...YFQIDDAHL   64
NTDB id 192 SPR RS05715 WP 000705306.1   MKITNYEIYKL.....KKSG....LTNQQILKVLEYGENVDQELLL.GD..IADISGCRNPAVFMER...YFQIDDAHL   64
NTDB id 157 SP RS06205 WP 000705306.1    MKITNYEIYKL.....KKSG....LTNQQILKVLEYGENVDQELLL.GD..IADISGCRNPAVFMER...YFQIDDAHL   64
consensus                                ***********     ****    ********************** **  ***************   *********

logo
NTDB id 1361 HI 0985 AAC22646.1          ..........LVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQ.RQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITS  145
NTDB id 25 SA RS06185 WP 000593194.1     IKELQKLKVSYITYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVS  148
NTDB id 599 KW2 RS05940 WP 021037268.1   RADYK..KFSSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKN.PKLAFVGSRLAGQSGIKSVQKIV.TELNQSFTIVS  139
NTDB id 407 SMU RS04605 WP 002262865.1   RKEFN..RFPSLSILDKEYPLELKNIYNPPVLLFYQGDLDLLAR.PKLAVVGSRNASQMGVAAVKKII.QDLSKGFVIIS  138
NTDB id 525 SMSK321 RS06295 WP 000705298.1 EKEFK..KIPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRSCSKQGAKSVEKII.QGLENELVIVS  140
NTDB id 497 SM12261 RS05565 WP 000705318.1 EKEFQ..KFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVI.QGLENELVIVS  140
NTDB id 993682 AAIS09 RS05965 WP 000705301.1 SKEFQ..KFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVI.QGLENELVIVS  140
NTDB id 267 KZH43 RS05590 WP 000705306.1 SKEFQ..KFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVI.QGLENELVIVS  140
NTDB id 226 SPD RS05990 WP 000705306.1   SKEFQ..KFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVI.QGLENELVIVS  140
NTDB id 192 SPR RS05715 WP 000705306.1   SKEFQ..KFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVI.QGLENELVIVS  140
NTDB id 157 SP RS06205 WP 000705306.1    SKEFQ..KFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVI.QGLENELVIVS  140
consensus                                ****  **********!!**!******!*!*!**!******* ***!*!!*!***************  ********!*!

logo
NTDB id 1361 HI 0985 AAC22646.1          GLALGIDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGT  225
NTDB id 25 SA RS06185 WP 000593194.1     GLAQGADAMAHQIALKYNLPTIAVLAFGHQTHYPKSTLALRN.KIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGV  227
NTDB id 599 KW2 RS05940 WP 021037268.1   GLAKGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQE.YLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGV  218
NTDB id 407 SMU RS04605 WP 002262865.1   GLARGIDTAAHLASLKSGGATIAVIGTGLDVHYPKENRRLQD.YIAKNHLLLSEYEAQSQPLKYHFPERNRIIAGLSQGV  217
NTDB id 525 SMSK321 RS06295 WP 000705298.1 GLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQD.YISNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGV  219
NTDB id 497 SM12261 RS05565 WP 000705318.1 GLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQD.YIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGV  219
NTDB id 993682 AAIS09 RS05965 WP 000705301.1 GLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQD.YIGNDHLALSEYGPGEQPLKFHFPARNRIIAGLCRGV  219
NTDB id 267 KZH43 RS05590 WP 000705306.1 GLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQD.YIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGV  219
NTDB id 226 SPD RS05990 WP 000705306.1   GLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQD.YIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGV  219
NTDB id 192 SPR RS05715 WP 000705306.1   GLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQD.YIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGV  219
NTDB id 157 SP RS06205 WP 000705306.1    GLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQD.YIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGV  219
consensus                                !!!*!*!***!*********!!!!***!****!!******** *********!!***********!!*!!!!!*!!**!*
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1361 HI 0985 AAC22646.1          LVVEATEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQTEIDFDQIAVP   305
NTDB id 25 SA RS06185 WP 000593194.1     LITEAKEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI.................   290
NTDB id 599 KW2 RS05940 WP 021037268.1   VVVEAKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN................   282
NTDB id 407 SMU RS04605 WP 002262865.1   MVAEAKIRSGSLITCERAMEEGRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF..................   280
NTDB id 525 SMSK321 RS06295 WP 000705298.1  IVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................   282
NTDB id 497 SM12261 RS05565 WP 000705318.1  IVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................   282
NTDB id 993682 AAIS09 RS05965 WP 000705301.1  IVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................   282
NTDB id 267 KZH43 RS05590 WP 000705306.1  IVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................   282
NTDB id 226 SPD RS05990 WP 000705306.1   IVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................   282
NTDB id 192 SPR RS05715 WP 000705306.1   IVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................   282
NTDB id 157 SP RS06205 WP 000705306.1    IVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................   282
consensus                                ***!!***!!!*!!***!*!**!*****!!********!****!**!!*******!*******
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1361 HI 0985 AAC22646.1          NYTPPPDPRRLVEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV   373
NTDB id 25 SA RS06185 WP 000593194.1     ..........................................................................   290
NTDB id 599 KW2 RS05940 WP 021037268.1   ..........................................................................   282
NTDB id 407 SMU RS04605 WP 002262865.1   ..........................................................................   280
NTDB id 525 SMSK321 RS06295 WP 000705298.1  ........................................................................   282
NTDB id 497 SM12261 RS05565 WP 000705318.1  ........................................................................   282
NTDB id 993682 AAIS09 RS05965 WP 000705301.1  ......................................................................   282
NTDB id 267 KZH43 RS05590 WP 000705306.1  ..........................................................................   282
NTDB id 226 SPD RS05990 WP 000705306.1   ..........................................................................   282
NTDB id 192 SPR RS05715 WP 000705306.1   ..........................................................................   282
NTDB id 157 SP RS06205 WP 000705306.1    ..........................................................................   282
consensus
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X non conserved

X similar

X $\geq$ 50% conserved