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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 1126266 E0F31 RS06030 WP 000705305.1 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                                    ***********       ****    ************************ **   ****************    *********
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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 1126266 E0F31 RS06030 WP 000705305.1 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                                     ****  **********!!**!******!*!*!**!******* ***!*!!*!***************  ********!*!
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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 1126266 E0F31 RS06030 WP 000705305.1 GLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQD.YIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGV   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 1126266 E0F31 RS06030 WP 000705305.1   IVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDILAEFEF..................   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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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 1126266 E0F31 RS06030 WP 000705305.1   ........................................................................   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