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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....FSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNREENVLLLRKYYAFIKLDHNDI   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 1043710 ACD268 RS04930 WP 000705306.1  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
NTDB id 497 SM12261 RS05565 WP 000705318.1     MKITNYEIYKL......KKSG....LTNQQVLAVLEYGENVDQELLL.GD..IAEISGCRNPAVFMER...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.QDLSKQFVIIS  138
NTDB id 525 SMSK321 RS06295 WP 000705298.1     EKEFK..KIPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRSCSKQGAKSVEKII.QGLENELVIVS  140
NTDB id 1043710 ACD268 RS04930 WP 000705306.1  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
NTDB id 497 SM12261 RS05565 WP 000705318.1     EKEFQ..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 1043710 ACD268 RS04930 WP 000705306.1  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
NTDB id 497 SM12261 RS05565 WP 000705318.1     GLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQD.YIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGV  219
consensus                                      !!!*!*!***!*********!!!!***!****!!******** *********!!***********!!*!!!!!*!!**!*
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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 1043710 ACD268 RS04930 WP 000705306.1 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
NTDB id 497 SM12261 RS05565 WP 000705318.1     IVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................   282
consensus                                      ***!!***!!!*!!***!*!**!*****!!********!****!**!!*******!*******
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logo
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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 1043710 ACD268 RS04930 WP 000705306.1 ..........................................................................   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
NTDB id 497 SM12261 RS05565 WP 000705318.1     ..........................................................................   282
consensus
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X non conserved

X similar

X $\geq$ 50% conserved