logo

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NTDB id 392261 GA597 RS08835 WP 011275951.1  MTNNNILL....LKLIWLGYTTQHIHHLLKLNPEFFKFSYTDQIDSIKNWDKLFHKGDFIDR...YNHLNDKEILSFLNQ   73
NTDB id 40 MW RS06080 WP 000593192.1         ..MIKLFL....LKLYWAHFSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNREENVHLLRKYYAFIKLDHNDIIKELQK   74
NTDB id 25 SA RS06185 WP 000593194.1         ..MIKLFL....LKLYWAHFSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNREENVLLLRKYYAFIKLDHNDIIKELQK   74
NTDB id 1250 GCO85 RS13065 WP 027219989.1    ..MNNLQPLLALNRMKRIGPR..TVLKLQKRWPDLNLMFQL.SSVDL...EEAGLPSWLAQT...IKNFDPDFIKTDLNW   69
NTDB id 407 SMU RS04605 WP 002262865.1       ..MDNFQL....FKLKKAGLTNLNILNIIDYEERTQKSLSLRDMAVV...SKNKKPLIFMEH...YKNLDSKALRKEFNR   68
NTDB id 525 SMSK321 RS06295 WP 000705298.1   MKITNYEI....YKLKKSGLTNQQILKVLEYGENVDQELLLGDIADI...SGCRNPAVFMER...YFQIDDAHLEKEFKK   70
NTDB id 267 KZH43 RS05590 WP 000705306.1     MKITNYEI....YKLKKSGLTNQQILKVLEYGENVDQELLLGDIADI...SGCRNPAVFMER...YFQIDDAHLSKEFQK   70
NTDB id 226 SPD RS05990 WP 000705306.1       MKITNYEI....YKLKKSGLTNQQILKVLEYGENVDQELLLGDIADI...SGCRNPAVFMER...YFQIDDAHLSKEFQK   70
NTDB id 192 SPR RS05715 WP 000705306.1       MKITNYEI....YKLKKSGLTNQQILKVLEYGENVDQELLLGDIADI...SGCRNPAVFMER...YFQIDDAHLSKEFQK   70
NTDB id 157 SP RS06205 WP 000705306.1        MKITNYEI....YKLKKSGLTNQQILKVLEYGENVDQELLLGDIADI...SGCRNPAVFMER...YFQIDDAHLSKEFQK   70
consensus                                    *********    ************************************   ************   *********  *****
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NTDB id 392261 GA597 RS08835 WP 011275951.1  HK....ISFVTPFNANYPRLLKEIYDYPFVLFYQGDPQLLTSPNTLGVVGSRNATEYSAKAMQYLFPKFKQIPLTIISGL  149
NTDB id 40 MW RS06080 WP 000593192.1         LK....VSYITYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGL  150
NTDB id 25 SA RS06185 WP 000593194.1         LK....VSYITYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGL  150
NTDB id 1250 GCO85 RS13065 WP 027219989.1    LSSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQP.SLAIVGSRNASVTGNENARAFSREISRHGVSIVSGL  148
NTDB id 407 SMU RS04605 WP 002262865.1       F......PSLSILDKEYPLELKNIYNPPVLLFYQGDLDLLARP.KLAVVGSRNASQMGVAAVKKIIQDLS.KQFVIISGL  140
NTDB id 525 SMSK321 RS06295 WP 000705298.1   I......PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFP.KVAVVGSRSCSKQGAKSVEKIIQGLE.NELVIVSGL  142
NTDB id 267 KZH43 RS05590 WP 000705306.1     F......PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFP.KVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGL  142
NTDB id 226 SPD RS05990 WP 000705306.1       F......PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFP.KVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGL  142
NTDB id 192 SPR RS05715 WP 000705306.1       F......PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFP.KVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGL  142
NTDB id 157 SP RS06205 WP 000705306.1        F......PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFP.KVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGL  142
consensus                                    *       **********!!**!  *!***!**!***!*********  ****!!*!  ******************  ****!*!!!
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NTDB id 392261 GA597 RS08835 WP 011275951.1  AKGADSIAHHFAIEYQLPTIAVLGFGHMMHYPRETQKLRNIIEVKGLVISEYPPFTSVRRYHFPQRNRLISGLSQGVLIT  229
NTDB id 40 MW RS06080 WP 000593192.1         AQGADAMAHQIALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLIT  230
NTDB id 25 SA RS06185 WP 000593194.1         AQGADAMAHQIALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLIT  230
NTDB id 1250 GCO85 RS13065 WP 027219989.1    ALGIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITENGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVI  228
NTDB id 407 SMU RS04605 WP 002262865.1       ARGIDTAAHLASLKSGGATIAVIGTGLDVHYPKENRRLQDYIAKNHLLLSEYEAQSQPLKYHFPERNRIIAGLSQGVMVA  220
NTDB id 525 SMSK321 RS06295 WP 000705298.1   AKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYISNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVA  222
NTDB id 267 KZH43 RS05590 WP 000705306.1     AKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVA  222
NTDB id 226 SPD RS05990 WP 000705306.1       AKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVA  222
NTDB id 192 SPR RS05715 WP 000705306.1       AKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVA  222
NTDB id 157 SP RS06205 WP 000705306.1        AKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVA  222
consensus                                    !*!*!**!!**********!!!!***!****!!*****!***!****!**!!***********!!*!!!*!*!!*******
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NTDB id 392261 GA597 RS08835 WP 011275951.1   EASVRSGSQITIDCALDQNRNIYVLPGSIFNPLTKGNLKRAQEGAMIVTSADDILCDYK.....................   288
NTDB id 40 MW RS06080 WP 000593192.1          EAKEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI.....................   290
NTDB id 25 SA RS06185 WP 000593194.1          EAKEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI.....................   290
NTDB id 1250 GCO85 RS13065 WP 027219989.1     EAAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSNKPIFSLASGKEN   308
NTDB id 407 SMU RS04605 WP 002262865.1        EAKIRSGSLITCERAMEEGRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF.....................   280
NTDB id 525 SMSK321 RS06295 WP 000705298.1    EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................   282
NTDB id 267 KZH43 RS05590 WP 000705306.1      EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................   282
NTDB id 226 SPD RS05990 WP 000705306.1        EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................   282
NTDB id 192 SPR RS05715 WP 000705306.1        EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................   282
NTDB id 157 SP RS06205 WP 000705306.1         EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................   282
consensus                                     !!***!!!*!!***!****!*****!!*********!*****!*!!*******!*******
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logo


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NTDB id 392261 GA597 RS08835 WP 011275951.1   ..................................................   288
NTDB id 40 MW RS06080 WP 000593192.1          ..................................................   290
NTDB id 25 SA RS06185 WP 000593194.1          ..................................................   290
NTDB id 1250 GCO85 RS13065 WP 027219989.1     LVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 407 SMU RS04605 WP 002262865.1        ..................................................   280
NTDB id 525 SMSK321 RS06295 WP 000705298.1    ..................................................   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 ≥ 50% conserved