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logo
NTDB id 25 SA RS06185 WP 000593194.1        ........MIKLFLLKLYWAHFSTKQIHQFLMAYPNVIKEEGRKKDSYLC.EW.....VNREENVLLLRKYYAFIKLDHNDIIKE   71
NTDB id 1250 GCO85 RS13065 WP 027219989.1   ..MNNLQPLLALNRMK..RIGP.....R.......TVLKLQKRWPDLNLMFQLSSVDLEEAGLPSWLAQT...IKNFDPDFIKTD   66
NTDB id 599 KW2 RS05940 WP 021037268.1      .MITNFD....LFRWK..KAGMTNLGVN.......KLLKFFRKYDRKISLRQM..GQVAQVKSIPNFIEQ...YKNQDVKKLRAD   66
NTDB id 407 SMU RS04605 WP 002262865.1      ..MDNFQ....LFKLK..KAGLTNLNIL.......NIIDYEERTQKSLSLRDM..AVVSKNKKPLIFMEH...YKNLDSKALRKE   65
NTDB id 61821 SCR2 RS04435 WP 020997792.1   ..MDNFD....IYKLK..TAGLTNQQVI.......NVLEYAEIREKELSVKDM..AVVSECRNPALFIEK...YLQLDDDLLRQE   65
NTDB id 525 SMSK321 RS06295 WP 000705298.1  MKITNYE....IYKLK..KSGLTNQQIL.......KVLEYGENVDQELLLGDI..ADISGCRNPAVFMER...YFQIDDAHLEKE   67
NTDB id 497 SM12261 RS05565 WP 000705318.1  MKITNYE....IYKLK..KSGLTNQQVL.......AVLEYGENVDQELLLGDI..AEISGCRNPAVFMER...YFQIDDAHLEKE   67
NTDB id 267 KZH43 RS05590 WP 000705306.1    MKITNYE....IYKLK..KSGLTNQQIL.......KVLEYGENVDQELLLGDI..ADISGCRNPAVFMER...YFQIDDAHLSKE   67
NTDB id 226 SPD RS05990 WP 000705306.1      MKITNYE....IYKLK..KSGLTNQQIL.......KVLEYGENVDQELLLGDI..ADISGCRNPAVFMER...YFQIDDAHLSKE   67
NTDB id 192 SPR RS05715 WP 000705306.1      MKITNYE....IYKLK..KSGLTNQQIL.......KVLEYGENVDQELLLGDI..ADISGCRNPAVFMER...YFQIDDAHLSKE   67
NTDB id 157 SP RS06205 WP 000705306.1       MKITNYE....IYKLK..KSGLTNQQIL.......KVLEYGENVDQELLLGDI..ADISGCRNPAVFMER...YFQIDDAHLSKE   67
consensus                                   *******    ****!  **********       ******************   ***************    ****!****  **

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NTDB id 25 SA RS06185 WP 000593194.1        LQKLK....VSYITYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGLAQ  152
NTDB id 1250 GCO85 RS13065 WP 027219989.1   LNWLSSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQ.PSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLAL  150
NTDB id 599 KW2 RS05940 WP 021037268.1      YKKFS......SFSILDDLYPERLREIYNPPVLIFYQGNIDLLKN.PKLAFVGSRLAGQSGIKSVQKIVTELN.QSFTIVSGLAK  143
NTDB id 407 SMU RS04605 WP 002262865.1      FNRFP......SLSILDKEYPLELKNIYNPPVLLFYQGDLDLLAR.PKLAVVGSRNASQMGVAAVKKIIQDLS.KQFVIISGLAR  142
NTDB id 61821 SCR2 RS04435 WP 020997792.1   FEKFP......SFSILEDVYPWDLSEIYNPPVLLFYKGNLDLLKL.PKVAVVGSRNSSRVGSQSVQKIIKELN.NELVIVSGLAR  142
NTDB id 525 SMSK321 RS06295 WP 000705298.1  FKKIP......SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRSCSKQGAKSVEKIIQGLE.NELVIVSGLAK  144
NTDB id 497 SM12261 RS05565 WP 000705318.1  FQKFP......SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGLAK  144
NTDB id 267 KZH43 RS05590 WP 000705306.1    FQKFP......SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGLAK  144
NTDB id 226 SPD RS05990 WP 000705306.1      FQKFP......SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGLAK  144
NTDB id 192 SPR RS05715 WP 000705306.1      FQKFP......SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGLAK  144
NTDB id 157 SP RS06205 WP 000705306.1       FQKFP......SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGLAK  144
consensus                                   *****      ********!!**!**!***!******!******* ***!*!!*! ****************** ****!*!!!!!*

logo
NTDB id 25 SA RS06185 WP 000593194.1        GADAMAHQIALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLITEAKEQSG  237
NTDB id 1250 GCO85 RS13065 WP 027219989.1   GIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITENGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIEAAIKSG  235
NTDB id 599 KW2 RS05940 WP 021037268.1      GIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVVEAKLRSG  228
NTDB id 407 SMU RS04605 WP 002262865.1      GIDTAAHLASLKSGGATIAVIGTGLDVHYPKENRRLQDYIAKNHLLLSEYEAQSQPLKYHFPERNRIIAGLSQGVMVAEAKIRSG  227
NTDB id 61821 SCR2 RS04435 WP 020997792.1   GIDTSAHMAALQNGGRTIAVIGTGLDVFYPRANKKLQSYLGEHHLVLSEYGSEAEPLKFHFPERNRIIAGLCRGVIVAEAKMRSG  227
NTDB id 525 SMSK321 RS06295 WP 000705298.1  GIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYISNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSG  229
NTDB id 497 SM12261 RS05565 WP 000705318.1  GIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSG  229
NTDB id 267 KZH43 RS05590 WP 000705306.1    GIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSG  229
NTDB id 226 SPD RS05990 WP 000705306.1      GIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSG  229
NTDB id 192 SPR RS05715 WP 000705306.1      GIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSG  229
NTDB id 157 SP RS06205 WP 000705306.1       GIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSG  229
consensus                                   !*!***!*********!!!!***!****!!***************!**!!************!!*!!!!!*!!*******!!***!!
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 25 SA RS06185 WP 000593194.1          SHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI.................................  290
NTDB id 1250 GCO85 RS13065 WP 027219989.1     SLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSNKPIFSLASGKENLVKFIGFETTTI  320
NTDB id 599 KW2 RS05940 WP 021037268.1        SLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN................................  282
NTDB id 407 SMU RS04605 WP 002262865.1        SLITCERAMEEGRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF..................................  280
NTDB id 61821 SCR2 RS04435 WP 020997792.1     SLITCERAMEEGRDVFAIPGSILDGRSDGCHHLIQEGAKCIASGADVLSEFQF..................................  280
NTDB id 525 SMSK321 RS06295 WP 000705298.1    SLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................................  282
NTDB id 497 SM12261 RS05565 WP 000705318.1    SLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................................  282
NTDB id 267 KZH43 RS05590 WP 000705306.1      SLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................................  282
NTDB id 226 SPD RS05990 WP 000705306.1        SLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................................  282
NTDB id 192 SPR RS05715 WP 000705306.1        SLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................................  282
NTDB id 157 SP RS06205 WP 000705306.1         SLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................................  282
consensus                                     !*!!***!*!**!*****!!*******!*****!*!!!******!*******
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logo
                                              DQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER
NTDB id 25 SA RS06185 WP 000593194.1          ..........................................  290
NTDB id 1250 GCO85 RS13065 WP 027219989.1     DQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER  361
NTDB id 599 KW2 RS05940 WP 021037268.1        ..........................................  282
NTDB id 407 SMU RS04605 WP 002262865.1        ..........................................  280
NTDB id 61821 SCR2 RS04435 WP 020997792.1     ..........................................  280
NTDB id 525 SMSK321 RS06295 WP 000705298.1    ..........................................  282
NTDB id 497 SM12261 RS05565 WP 000705318.1    ..........................................  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