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logo
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NTDB id 25 SA RS06185 WP 000593194.1        ........MIKLFLLKLYWAHFSTKQIHQFLMAYPNVIKEEGRKKDSYLCE.W.....VNREENVLLLRKYYAFIKLDHN   66
NTDB id 1250 GCO85 RS13065 WP 027219989.1   ..MNNLQPLLALNRMK..RIG.....PRT.......VLKLQKRWPDLNLMFQLSSVDLEEAGLPSWLAQ...TIKNFDPD   61
NTDB id 599 KW2 RS05940 WP 021037268.1      .MITNFD....LFRWK..KAGMTNLGVNK.......LLKFFRKYDRKISLRQMG..QVAQVKSIPNFIE...QYKNQDVK   61
NTDB id 1137889 DQM59 RS05715 WP 002262865.1 ..MDNFQ....LFKLK..KAGLTNLNILN.......IIDYEERTQKSLSLRDMA..VVSKNKKPLIFME...HYKNLDSK   60
NTDB id 407 SMU RS04605 WP 002262865.1      ..MDNFQ....LFKLK..KAGLTNLNILN.......IIDYEERTQKSLSLRDMA..VVSKNKKPLIFME...HYKNLDSK   60
NTDB id 525 SMSK321 RS06295 WP 000705298.1  MKITNYE....IYKLK..KSGLTNQQILK.......VLEYGENVDQELLLGDIA..DISGCRNPAVFME...RYFQIDDA   62
NTDB id 267 KZH43 RS05590 WP 000705306.1    MKITNYE....IYKLK..KSGLTNQQILK.......VLEYGENVDQELLLGDIA..DISGCRNPAVFME...RYFQIDDA   62
NTDB id 226 SPD RS05990 WP 000705306.1      MKITNYE....IYKLK..KSGLTNQQILK.......VLEYGENVDQELLLGDIA..DISGCRNPAVFME...RYFQIDDA   62
NTDB id 192 SPR RS05715 WP 000705306.1      MKITNYE....IYKLK..KSGLTNQQILK.......VLEYGENVDQELLLGDIA..DISGCRNPAVFME...RYFQIDDA   62
NTDB id 157 SP RS06205 WP 000705306.1       MKITNYE....IYKLK..KSGLTNQQILK.......VLEYGENVDQELLLGDIA..DISGCRNPAVFME...RYFQIDDA   62
NTDB id 497 SM12261 RS05565 WP 000705318.1  MKITNYE....IYKLK..KSGLTNQQVLA.......VLEYGENVDQELLLGDIA..EISGCRNPAVFME...RYFQIDDA   62
consensus                                   *******    ****!  **********       ******************  *************   *****!**
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NTDB id 25 SA RS06185 WP 000593194.1        DIIKELQKL....KVSYITYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSK   142
NTDB id 1250 GCO85 RS13065 WP 027219989.1   FIKTDLNWLSSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQ.PSLAIVGSRNASVTGNENARAFSREISRH   140
NTDB id 599 KW2 RS05940 WP 021037268.1      KLRADYKKF......SSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKN.PKLAFVGSRLAGQSGIKSVQKIVTELN.Q   133
NTDB id 1137889 DQM59 RS05715 WP 002262865.1 ALRKEFNRF......PSLSILDKEYPLELKNIYNPPVLLFYQGDLDLLAR.PKLAVVGSRNASQMGVAAVKKIIQDLS.K   132
NTDB id 407 SMU RS04605 WP 002262865.1      ALRKEFNRF......PSLSILDKEYPLELKNIYNPPVLLFYQGDLDLLAR.PKLAVVGSRNASQMGVAAVKKIIQDLS.K   132
NTDB id 525 SMSK321 RS06295 WP 000705298.1  HLEKEFKKI......PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRSCSKQGAKSVEKIIQGLE.N   134
NTDB id 267 KZH43 RS05590 WP 000705306.1    HLSKEFQKF......PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQGLE.N   134
NTDB id 226 SPD RS05990 WP 000705306.1      HLSKEFQKF......PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQGLE.N   134
NTDB id 192 SPR RS05715 WP 000705306.1      HLSKEFQKF......PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQGLE.N   134
NTDB id 157 SP RS06205 WP 000705306.1       HLSKEFQKF......PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQGLE.N   134
NTDB id 497 SM12261 RS05565 WP 000705318.1  HLEKEFQKF......PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQGLE.N   134
consensus                                   ** ******      *********!!**!**!***!******!*******  ***!*!!*!  ****************  *
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NTDB id 25 SA RS06185 WP 000593194.1        YLTIVSGLAQGADAMAHQIALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISG   222
NTDB id 1250 GCO85 RS13065 WP 027219989.1   GVSIVSGLALGIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITENGLLLSEFPLKSPPIAGHFPLRNRIISG   220
NTDB id 599 KW2 RS05940 WP 021037268.1      SFTIVSGLAKGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAG   213
NTDB id 1137889 DQM59 RS05715 WP 002262865.1 QFVIISGLARGIDTAAHLASLKSGGATIAVIGTGLDVHYPKENRRLQDYIAKNHLLLSEYEAQSQPLKYHFPERNRIIAG   212
NTDB id 407 SMU RS04605 WP 002262865.1      QFVIISGLARGIDTAAHLASLKSGGATIAVIGTGLDVHYPKENRRLQDYIAKNHLLLSEYEAQSQPLKYHFPERNRIIAG   212
NTDB id 525 SMSK321 RS06295 WP 000705298.1  ELVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYISNDHLVLSEYGPGEQPLKFHFPARNRIIAG   214
NTDB id 267 KZH43 RS05590 WP 000705306.1    ELVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAG   214
NTDB id 226 SPD RS05990 WP 000705306.1      ELVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAG   214
NTDB id 192 SPR RS05715 WP 000705306.1      ELVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAG   214
NTDB id 157 SP RS06205 WP 000705306.1       ELVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAG   214
NTDB id 497 SM12261 RS05565 WP 000705318.1  ELVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAG   214
consensus                                   ***!*!!!!*!*!***!*********!!!!***!****!!**************!**!!***********!!*!!!!!*!
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 25 SA RS06185 WP 000593194.1          LSKGVLITEAKEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI............   290
NTDB id 1250 GCO85 RS13065 WP 027219989.1     LSLCILVIEAAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSNKPIF   300
NTDB id 599 KW2 RS05940 WP 021037268.1        LSRGVVVVEAKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN...........   282
NTDB id 1137889 DQM59 RS05715 WP 002262865.1  LSQGVMVAEAKIRSGSLITCERAMEEGRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF............   280
NTDB id 407 SMU RS04605 WP 002262865.1        LSQGVMVAEAKIRSGSLITCERAMEEGRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF............   280
NTDB id 525 SMSK321 RS06295 WP 000705298.1    LCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF............   282
NTDB id 267 KZH43 RS05590 WP 000705306.1      LCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF............   282
NTDB id 226 SPD RS05990 WP 000705306.1        LCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF............   282
NTDB id 192 SPR RS05715 WP 000705306.1        LCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF............   282
NTDB id 157 SP RS06205 WP 000705306.1         LCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF............   282
NTDB id 497 SM12261 RS05565 WP 000705318.1    LCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF............   282
consensus                                     !*******!!***!!!*!!***!*!**!*****!!********!*****!*!!!******!*******
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logo
                                              SLASGKENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER
NTDB id 25 SA RS06185 WP 000593194.1          ............................................................   290
NTDB id 1250 GCO85 RS13065 WP 027219989.1     SLASGKENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 599 KW2 RS05940 WP 021037268.1        ............................................................   282
NTDB id 1137889 DQM59 RS05715 WP 002262865.1  ............................................................   280
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
NTDB id 497 SM12261 RS05565 WP 000705318.1    ............................................................   282
consensus
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X non conserved
X similar
X ≥ 50% conserved