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logo

NTDB id 25 SA RS06185 WP 000593194.1        .MIKLF.LLKL.YWAHFSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNRE.ENVLLL...........RKYYAFIKL.D   64
NTDB id 626 LCA RS04960 WP 011374694.1      MLTKNQLLLKVHLAAGFGTISELRLA...................AWLSTSHNWALSALEIAQIARLPERYWPTFQASFQ   61
NTDB id 599 KW2 RS05940 WP 021037268.1      .MITNFDLFRW.KKAGMTNLGVNKLL...................KFF.RKYDRKISLRQMGQVAQV..KSIPNFIEQYK   56
NTDB id 525 SMSK321 RS06295 WP 000705298.1  MKITNYEIYKL.KKSGLTNQQILKVL...................EYG.ENVDQELLLGDIADISGC..RNPAVFMERYF   57
NTDB id 267 KZH43 RS05590 WP 000705306.1    MKITNYEIYKL.KKSGLTNQQILKVL...................EYG.ENVDQELLLGDIADISGC..RNPAVFMERYF   57
NTDB id 226 SPD RS05990 WP 000705306.1      MKITNYEIYKL.KKSGLTNQQILKVL...................EYG.ENVDQELLLGDIADISGC..RNPAVFMERYF   57
NTDB id 192 SPR RS05715 WP 000705306.1      MKITNYEIYKL.KKSGLTNQQILKVL...................EYG.ENVDQELLLGDIADISGC..RNPAVFMERYF   57
NTDB id 157 SP RS06205 WP 000705306.1       MKITNYEIYKL.KKSGLTNQQILKVL...................EYG.ENVDQELLLGDIADISGC..RNPAVFMERYF   57
NTDB id 497 SM12261 RS05565 WP 000705318.1  MKITNYEIYKL.KKSGLTNQQVLAVL...................EYG.ENVDQELLLGDIAEISGC..RNPAVFMERYF   57
NTDB id 241583 CHF41 RS07140 WP 119876628.1 ..MNNFELFTL.KKAGLTNLQIHKVL...................AAQ.DSHKKSLSLKSIALYSTC..KNPVIFIEKYK   55
NTDB id 407 SMU RS04605 WP 002262865.1      ..MDNFQLFKL.KKAGLTNLNILNII...................DYE.ERTQKSLSLRDMAVVSKN..KKPLIFMEHYK   55
consensus                                   *********** **************                   *** ******************  *****!*****

logo

NTDB id 25 SA RS06185 WP 000593194.1        HNDIIKEL..QKLKVSYITYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSK  142
NTDB id 626 LCA RS04960 WP 011374694.1      STTLQRQCIDHEVRTTYLTILDKDYPQRLLETYLPPVLLFYRGDLRLLKQ.PCLAVVGARQATHYSKQSLEQLLQG.LTA  139
NTDB id 599 KW2 RS05940 WP 021037268.1      NQD.VKKLRADYKKFSSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKN.PKLAFVGSRLAGQSGIKSVQKIVTE.LNQ  133
NTDB id 525 SMSK321 RS06295 WP 000705298.1  QID.DAHLEKEFKKIPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRSCSKQGAKSVEKIIQG.LEN  134
NTDB id 267 KZH43 RS05590 WP 000705306.1    QID.DAHLSKEFQKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQG.LEN  134
NTDB id 226 SPD RS05990 WP 000705306.1      QID.DAHLSKEFQKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQG.LEN  134
NTDB id 192 SPR RS05715 WP 000705306.1      QID.DAHLSKEFQKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQG.LEN  134
NTDB id 157 SP RS06205 WP 000705306.1       QID.DAHLSKEFQKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQG.LEN  134
NTDB id 497 SM12261 RS05565 WP 000705318.1  QID.DAHLEKEFQKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQG.LEN  134
NTDB id 241583 CHF41 RS07140 WP 119876628.1 QLD.LKRCREEFNRFPSFSILDDIYPLELKQMYNPPVLLFYQGDLSLLEH.PKLGVVGARSASTTGTQSLKKIINE.LNN  132
NTDB id 407 SMU RS04605 WP 002262865.1      NLD.SKALRKEFNRFPSLSILDKEYPLELKNIYNPPVLLFYQGDLDLLAR.PKLAVVGSRNASQMGVAAVKKIIQD.LSK  132
consensus                                   *** **** ************!**!!**!***!**!*!*!!*!***!*** *****!!*! *************** ***

logo

NTDB id 25 SA RS06185 WP 000593194.1        YLTIVSGLAQGADAMAHQIALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISG  222
NTDB id 626 LCA RS04960 WP 011374694.1      .TTIISGLAQGADAMAHEVALQRGLAPIGVIGTGINCSYPPQNEHLQQVVAEKGLLLSEYALGTPARRYQFPARNKIIAG  218
NTDB id 599 KW2 RS05940 WP 021037268.1      SFTIVSGLAKGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAG  213
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
NTDB id 241583 CHF41 RS07140 WP 119876628.1 RFVIVSGLARGIDTAAHMATLKNGGKTIAVIGSGLDVAYPKENRRLQAYIAKHHLILSEYTARDQPLKYHFPERNRIIAG  212
NTDB id 407 SMU RS04605 WP 002262865.1      QFVIISGLARGIDTAAHLASLKSGGATIAVIGTGLDVHYPKENRRLQDYIAKNHLLLSEYEAQSQPLKYHFPERNRIIAG  212
consensus                                   ***!*!!!!*!*!***!**********!*!***!****!!**************!**!!!**********!!*!!*!!*!
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logo
NTDB id 25 SA RS06185 WP 000593194.1          LSKGVLITEAKEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI..   290
NTDB id 626 LCA RS04960 WP 011374694.1        LCHSLIVTEARHKSGSLITANLALQANRNVYAIPGRIDQSLSQGCNQLIAAGATPLLDKNILIEELRYFD   288
NTDB id 599 KW2 RS05940 WP 021037268.1        LSRGVVVVEAKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN.   282
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
NTDB id 241583 CHF41 RS07140 WP 119876628.1   LSQGIIVAEAKMRSGSLITCEYALNEGRDIFVIPGSITDEKSVGCHFLIQEGAKCITSGIDVLSEYKI..   280
NTDB id 407 SMU RS04605 WP 002262865.1        LSQGVMVAEAKIRSGSLITCERAMEEGRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF..   280
consensus                                     !*******!!***!!!*!!***!****!*****!!********!****!**!!**************
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X non conserved

X similar

X $\geq$ 50% conserved