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logo
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NTDB id 626 LCA RS04960 WP 011374694.1        MLTKNQLLLKVHLAAGFGTISELRLAAWLSTSHNWALSALEIAQIARLPERYWPTFQASFQSTTLQRQCIDHEVRTTYLT   80
NTDB id 599 KW2 RS05940 WP 021037268.1        .MITNFDLFRW.KKAGMTNLGVNKLLKFFRK.YDRKISLRQMGQVAQV..KSIPNFIEQYKNQDV.KKLRADYKKFSSFS   74
NTDB id 525 SMSK321 RS06295 WP 000705298.1    MKITNYEIYKL.KKSGLTNQQILKVLEYGEN.VDQELLLGDIADISGC..RNPAVFMERYFQIDD.AHLEKEFKKIPSFS   75
NTDB id 267 KZH43 RS05590 WP 000705306.1      MKITNYEIYKL.KKSGLTNQQILKVLEYGEN.VDQELLLGDIADISGC..RNPAVFMERYFQIDD.AHLSKEFQKFPSFS   75
NTDB id 226 SPD RS05990 WP 000705306.1        MKITNYEIYKL.KKSGLTNQQILKVLEYGEN.VDQELLLGDIADISGC..RNPAVFMERYFQIDD.AHLSKEFQKFPSFS   75
NTDB id 192 SPR RS05715 WP 000705306.1        MKITNYEIYKL.KKSGLTNQQILKVLEYGEN.VDQELLLGDIADISGC..RNPAVFMERYFQIDD.AHLSKEFQKFPSFS   75
NTDB id 157 SP RS06205 WP 000705306.1         MKITNYEIYKL.KKSGLTNQQILKVLEYGEN.VDQELLLGDIADISGC..RNPAVFMERYFQIDD.AHLSKEFQKFPSFS   75
NTDB id 497 SM12261 RS05565 WP 000705318.1    MKITNYEIYKL.KKSGLTNQQVLAVLEYGEN.VDQELLLGDIAEISGC..RNPAVFMERYFQIDD.AHLEKEFQKFPSFS   75
NTDB id 307415 DV947 RS04375 WP 116920213.1  ..MNNFELFKL.KAAGLTNLNILNILDYQKN.QDKKLSLRDMAVVSKS..KNAVLFMEKYKNLDV.KQLKEDFQRFPTLS   73
NTDB id 407 SMU RS04605 WP 002262865.1        ..MDNFQLFKL.KKAGLTNLNILNIIDYEER.TQKSLSLRDMAVVSKN..KKPLIFMEHYKNLDS.KALRKEFNRFPSLS   73
consensus                                     ****!****** ***!*************** ***************  *****!********* *** *********
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NTDB id 626 LCA RS04960 WP 011374694.1        ILDKDYPQRLLETYLPPVLLFYRGDLRLLKQPCLAVVGARQATHYSKQSLEQLLQGLTA.TTIISGLAQGADAMAHEVAL   159
NTDB id 599 KW2 RS05940 WP 021037268.1        ILDDLYPERLREIYNPPVLIFYQGNIDLLKNPKLAFVGSRLAGQSGIKSVQKIVTELNQSFTIVSGLAKGIDTASHLSAI   154
NTDB id 525 SMSK321 RS06295 WP 000705298.1    ILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRSCSKQGAKSVEKIIQGLENELVIVSGLAKGIDTAAHMAAL   155
NTDB id 267 KZH43 RS05590 WP 000705306.1      ILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLENELVIVSGLAKGIDTAAHMAAL   155
NTDB id 226 SPD RS05990 WP 000705306.1        ILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLENELVIVSGLAKGIDTAAHMAAL   155
NTDB id 192 SPR RS05715 WP 000705306.1        ILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLENELVIVSGLAKGIDTAAHMAAL   155
NTDB id 157 SP RS06205 WP 000705306.1         ILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLENELVIVSGLAKGIDTAAHMAAL   155
NTDB id 497 SM12261 RS05565 WP 000705318.1    ILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLENELVIVSGLAKGIDTAAHMAAL   155
NTDB id 307415 DV947 RS04375 WP 116920213.1  IFDKEYPIELKHSYNPPVLLFYQGNIDLLSKPKLAVVGARKCSETGKQSVRKIVHELGNAFTIVSGLASGIDTCAHMEAL   153
NTDB id 407 SMU RS04605 WP 002262865.1        ILDKEYPLELKNIYNPPVLLFYQGDLDLLARPKLAVVGSRNASQMGVAAVKKIIQDLSKQFVIISGLARGIDTAAHLASL   153
consensus                                     !*!**!!**!***!**!!!*!!*!***!!**!**!*!!*!****************!*****!*!!!!*!*!***!****
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logo
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NTDB id 626 LCA RS04960 WP 011374694.1        QRGLAPIGVIGTGINCSYPPQNEHLQQVVAEKGLLLSEYALGTPARRYQFPARNKIIAGLCHSLIVTEARHKSGSLITAN   239
NTDB id 599 KW2 RS05940 WP 021037268.1        KTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVVEAKLRSGSLITCE   234
NTDB id 525 SMSK321 RS06295 WP 000705298.1    QNGGKTIAVIGTGLDVFYPKANKRLQDYISNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCE   235
NTDB id 267 KZH43 RS05590 WP 000705306.1      QNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCE   235
NTDB id 226 SPD RS05990 WP 000705306.1        QNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCE   235
NTDB id 192 SPR RS05715 WP 000705306.1        QNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCE   235
NTDB id 157 SP RS06205 WP 000705306.1         QNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCE   235
NTDB id 497 SM12261 RS05565 WP 000705318.1    QNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCE   235
NTDB id 307415 DV947 RS04375 WP 116920213.1  KNRGNTIAVIGTGLDVYYPKENKALQDYMIKNHLVLTEYGPGEQPLKYHFPERNRIISGLCQGVMVVEAKLRSGSLITCE   233
NTDB id 407 SMU RS04605 WP 002262865.1        KSGGATIAVIGTGLDVHYPKENRRLQDYIAKNHLLLSEYEAQSQPLKYHFPERNRIIAGLSQGVMVAEAKIRSGSLITCE   233
consensus                                     ******!*!!!!!****!!**!***!*******!*!*!!**********!!*!!*!!*!!*****!*!!***!!!!!!**
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NTDB id 626 LCA RS04960 WP 011374694.1        LALQANRNVYAIPGRIDQSLSQGCNQLIAAGATPLLDKNILIEELRYFD   288
NTDB id 599 KW2 RS05940 WP 021037268.1        RALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN.   282
NTDB id 525 SMSK321 RS06295 WP 000705298.1    RAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..   282
NTDB id 267 KZH43 RS05590 WP 000705306.1      RAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..   282
NTDB id 226 SPD RS05990 WP 000705306.1        RAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..   282
NTDB id 192 SPR RS05715 WP 000705306.1        RAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..   282
NTDB id 157 SP RS06205 WP 000705306.1         RAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..   282
NTDB id 497 SM12261 RS05565 WP 000705318.1    RAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..   282
NTDB id 307415 DV947 RS04375 WP 116920213.1   RAMEEGRDVFVIPGNILDGKSDGCHHLIQEGAKCITTGFDIISEFS...   279
NTDB id 407 SMU RS04605 WP 002262865.1        RAMEEGRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF..   280
consensus                                     *!****!*****!!*!****!*!!**!!**!!************!***
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X non conserved

X similar

X $\geq$ 50% conserved