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logo

NTDB id 599 KW2 RS05940 WP 021037268.1          .MITNFDLFRWKKAGMTNLGVNKLLKFFRKYDRK.......ISLRQMGQVAQVKSIPNFIEQYKNQDVKKLRADYKKFSS   72
NTDB id 196540 BHS00 RS03700 WP 188347555.1     ..MTNFDMYRLKKAGMSNLVLNQFLDFISSVTSDDRQHPMLLFLPKFIRQATMKHKGLFWERFKQLDVKALRQEFLRFPS   78
NTDB id 407 SMU RS04605 WP 002262865.1          ..MDNFQLFKLKKAGLTNLNILNIIDYEERTQKS.......LSLRDMAVVSKNKKPLIFMEHYKNLDSKALRKEFNRFPS   71
NTDB id 525 SMSK321 RS06295 WP 000705298.1      MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQE.......LLLGDIADISGCRNPAVFMERYFQIDDAHLEKEFKKIPS   73
NTDB id 267 KZH43 RS05590 WP 000705306.1        MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQE.......LLLGDIADISGCRNPAVFMERYFQIDDAHLSKEFQKFPS   73
NTDB id 226 SPD RS05990 WP 000705306.1          MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQE.......LLLGDIADISGCRNPAVFMERYFQIDDAHLSKEFQKFPS   73
NTDB id 192 SPR RS05715 WP 000705306.1          MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQE.......LLLGDIADISGCRNPAVFMERYFQIDDAHLSKEFQKFPS   73
NTDB id 157 SP RS06205 WP 000705306.1           MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQE.......LLLGDIADISGCRNPAVFMERYFQIDDAHLSKEFQKFPS   73
NTDB id 497 SM12261 RS05565 WP 000705318.1      MKITNYEIYKLKKSGLTNQQVLAVLEYGENVDQE.......LLLGDIAEISGCRNPAVFMERYFQIDDAHLEKEFQKFPS   73
consensus                                       ****!******!!*!**!****************        **!***************!*!*****!***!  *******!

logo

NTDB id 599 KW2 RS05940 WP 021037268.1          FSILDDLYPERLREIYNPPVLIFYQGNIDLLKNPKLAFVGSRLAGQSGIKSVQKIVTELNQSFTIVSGLAKGIDTASHLS  152
NTDB id 196540 BHS00 RS03700 WP 188347555.1     FSILDKAYPEYLREIHNPPVLLFYQGDITLLAHEKLGFVGSRDCSSQGMTSVRKVIRELGNQFVVISGLARGIDTACHLA  158
NTDB id 407 SMU RS04605 WP 002262865.1          LSILDKEYPLELKNIYNPPVLLFYQGDLDLLARPKLAVVGSRNASQMGVAAVKKIIQDLSKQFVIISGLARGIDTAAHLA  151
NTDB id 525 SMSK321 RS06295 WP 000705298.1      FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRSCSKQGAKSVEKIIQGLENELVIVSGLAKGIDTAAHMA  153
NTDB id 267 KZH43 RS05590 WP 000705306.1        FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLENELVIVSGLAKGIDTAAHMA  153
NTDB id 226 SPD RS05990 WP 000705306.1          FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLENELVIVSGLAKGIDTAAHMA  153
NTDB id 192 SPR RS05715 WP 000705306.1          FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLENELVIVSGLAKGIDTAAHMA  153
NTDB id 157 SP RS06205 WP 000705306.1           FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLENELVIVSGLAKGIDTAAHMA  153
NTDB id 497 SM12261 RS05565 WP 000705318.1      FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLENELVIVSGLAKGIDTAAHMA  153
consensus                                       *!!!!**!!**!**!***!!!*!!*!***!!***!***!!!!*****!***!*!****!*******!!!!*!!!!!*!**

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NTDB id 599 KW2 RS05940 WP 021037268.1          AIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVVEAKLRSGSLIT  232
NTDB id 196540 BHS00 RS03700 WP 188347555.1     AIKNGGRTISVIGTGLDVSYPRENGQLQSFIAKNHLIVTEYGPGEQPLKYHFPDRNRIIAGLSRGVVVTEAKCRSGSLIT  238
NTDB id 407 SMU RS04605 WP 002262865.1          SLKSGGATIAVIGTGLDVHYPKENRRLQDYIAKNHLLLSEYEAQSQPLKYHFPERNRIIAGLSQGVMVAEAKIRSGSLIT  231
NTDB id 525 SMSK321 RS06295 WP 000705298.1      ALQNGGKTIAVIGTGLDVFYPKANKRLQDYISNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLIT  233
NTDB id 267 KZH43 RS05590 WP 000705306.1        ALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLIT  233
NTDB id 226 SPD RS05990 WP 000705306.1          ALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLIT  233
NTDB id 192 SPR RS05715 WP 000705306.1          ALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLIT  233
NTDB id 157 SP RS06205 WP 000705306.1           ALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLIT  233
NTDB id 497 SM12261 RS05565 WP 000705318.1      ALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLIT  233
consensus                                       *******!!*!!!!!!!**!!**!***!*******!***!!*****!!!*!!!*!!!!!!!!**!!*!*!!!*!!!!!!!

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NTDB id 599 KW2 RS05940 WP 021037268.1          CERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN   282
NTDB id 196540 BHS00 RS03700 WP 188347555.1     CERAMESGRDVFAIPGNISDGLSDGCHRLIQEGAKLVYQGQDILSEYTY.   287
NTDB id 407 SMU RS04605 WP 002262865.1          CERAMEEGRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF.   280
NTDB id 525 SMSK321 RS06295 WP 000705298.1      CERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.   282
NTDB id 267 KZH43 RS05590 WP 000705306.1        CERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.   282
NTDB id 226 SPD RS05990 WP 000705306.1          CERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.   282
NTDB id 192 SPR RS05715 WP 000705306.1          CERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.   282
NTDB id 157 SP RS06205 WP 000705306.1           CERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.   282
NTDB id 497 SM12261 RS05565 WP 000705318.1      CERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.   282
consensus                                       !!!!*!*!!!*!**!!*!*!!*!*!!**!!!*!!!******!*!*!***
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X non conserved
X similar
X $\geq$ 50% conserved