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logo

NTDB id 407 SMU RS04605 WP 002262865.1        ..MDNFQLFKLKKAGLTNLNILNIIDYEERTQKSLSLR.......DMAVVSKNKKPLIFMEHYKNLDSKALRKEFNRFPS   71
NTDB id 525 SMSK321 RS06295 WP 000705298.1    MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQELLLG.......DIADISGCRNPAVFMERYFQIDDAHLEKEFKKIPS   73
NTDB id 497 SM12261 RS05565 WP 000705318.1    MKITNYEIYKLKKSGLTNQQVLAVLEYGENVDQELLLG.......DIAEISGCRNPAVFMERYFQIDDAHLEKEFQKFPS   73
NTDB id 267 KZH43 RS05590 WP 000705306.1      MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQELLLG.......DIADISGCRNPAVFMERYFQIDDAHLSKEFQKFPS   73
NTDB id 226 SPD RS05990 WP 000705306.1        MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQELLLG.......DIADISGCRNPAVFMERYFQIDDAHLSKEFQKFPS   73
NTDB id 192 SPR RS05715 WP 000705306.1        MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQELLLG.......DIADISGCRNPAVFMERYFQIDDAHLSKEFQKFPS   73
NTDB id 157 SP RS06205 WP 000705306.1         MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQELLLG.......DIADISGCRNPAVFMERYFQIDDAHLSKEFQKFPS   73
NTDB id 196571 BHS01 RS03935 WP 109834812.1  ..MTNFDLYRLKKAGMSNLVLNQFLAFISSVRSDSRQHDMMTQLPKFIRQATMKHKGLFWERFKQLDTKALRQEFLKFSS   78
NTDB id 599 KW2 RS05940 WP 021037268.1       .MITNFDLFRWKKAGMTNLGVNKLLKFFRKYDRKISL.......RQMGQVAQVKSIPNFIEQYKNQDVKKLRADYKKFSS   72
consensus                                     ****!******!!*!**!*******************       *************!*!*****!***!  *******!

logo

NTDB id 407 SMU RS04605 WP 002262865.1        LSILDKEYPLELKNIYNPPVLLFYQGDLDLLARPKLAVVGSRNASQMGVAAVKKIIQDLSKQFVIISGLARGIDTAAHLA   151
NTDB id 525 SMSK321 RS06295 WP 000705298.1    FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRSCSKQGAKSVEKIIQGLENELVIVSGLAKGIDTAAHMA   153
NTDB id 497 SM12261 RS05565 WP 000705318.1    FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLENELVIVSGLAKGIDTAAHMA   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 196571 BHS01 RS03935 WP 109834812.1  FSILDKFYPEYLREIHNPPVLLFYQGDIGLLAMEKIAFVGSRSCSKQGIASIQKIIKELNNQFVVISGLARGIDTACHLA   158
NTDB id 599 KW2 RS05940 WP 021037268.1       FSILDDLYPERLREIYNPPVLIFYQGNIDLLKNPKLAFVGSRLAGQSGIKSVQKIVTELNQSFTIVSGLAKGIDTASHLS   152
consensus                                     *!!!!**!!**!**!***!!!*!!*!***!!***!*!*!!!!*****!*****!****!*******!!!!*!!!!!*!**

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NTDB id 407 SMU RS04605 WP 002262865.1        SLKSGGATIAVIGTGLDVHYPKENRRLQDYIAKNHLLLSEYEAQSQPLKYHFPERNRIIAGLSQGVMVAEAKIRSGSLIT   231
NTDB id 525 SMSK321 RS06295 WP 000705298.1    ALQNGGKTIAVIGTGLDVFYPKANKRLQDYISNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLIT   233
NTDB id 497 SM12261 RS05565 WP 000705318.1    ALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLIT   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 196571 BHS01 RS03935 WP 109834812.1  TIKNGGRTISVIGTGLDVSYPRENEQLQSFIAKNHLIITEYGPGEQPLKYHFPERNRIIAGLSRGVVVTEAKRRSGSLIT   238
NTDB id 599 KW2 RS05940 WP 021037268.1       AIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVVEAKLRSGSLIT   232
consensus                                     *******!!*!!!!!!!**!!**!***!*******!***!!*****!!!*!!!*!!!!!!!!**!!*!*!!!*!!!!!!!

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NTDB id 407 SMU RS04605 WP 002262865.1        CERAMEEGRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF.   280
NTDB id 525 SMSK321 RS06295 WP 000705298.1    CERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.   282
NTDB id 497 SM12261 RS05565 WP 000705318.1    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 196571 BHS01 RS03935 WP 109834812.1  CERAMESGRDVFAIPGTISDGLSDGCHHLIQEGAKLVYQGQDILSEYPD.   287
NTDB id 599 KW2 RS05940 WP 021037268.1       CERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN   282
consensus                                     !!!!*!*!!!*!**!!*!*!!*!*!!*!!!!*!!!******!*!*!***
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X non conserved
X similar
X $\geq$ 50% conserved