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logo

NTDB id 525 SMSK321 RS06295 WP 000705298.1   .MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQE....LLLGDIADISGCRNPAVFMERYFQID..DAHLEKEFKKIPS   73
NTDB id 267 KZH43 RS05590 WP 000705306.1     .MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQE....LLLGDIADISGCRNPAVFMERYFQID..DAHLSKEFQKFPS   73
NTDB id 226 SPD RS05990 WP 000705306.1       .MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQE....LLLGDIADISGCRNPAVFMERYFQID..DAHLSKEFQKFPS   73
NTDB id 192 SPR RS05715 WP 000705306.1       .MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQE....LLLGDIADISGCRNPAVFMERYFQID..DAHLSKEFQKFPS   73
NTDB id 157 SP RS06205 WP 000705306.1        .MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQE....LLLGDIADISGCRNPAVFMERYFQID..DAHLSKEFQKFPS   73
NTDB id 497 SM12261 RS05565 WP 000705318.1   .MKITNYEIYKLKKSGLTNQQVLAVLEYGENVDQE....LLLGDIAEISGCRNPAVFMERYFQID..DAHLEKEFQKFPS   73
NTDB id 275639 C5Z25 RS00875 WP 105450829.1 .MQLRSLLIRLHLAQGIGYQGIVRVLQHCRQTATVLTTVSAIATIAQLSTAAAQK.FKID.WASDRFQHVL.RQHETVTI   76
NTDB id 626 LCA RS04960 WP 011374694.1      MLTKNQLLLKVHLAAGFGTISELRLAAWLSTSHNWALSALEIAQIARLPERYWPT.FQAS.FQSTTLQRQCIDHEVRTTY   78
consensus                                    **************!******************     *****!!**********!********   ****  ********

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NTDB id 525 SMSK321 RS06295 WP 000705298.1   FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRSCSKQGAKSVEKIIQGLEN...ELVIVSGLAKGIDTAA   150
NTDB id 267 KZH43 RS05590 WP 000705306.1     FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN...ELVIVSGLAKGIDTAA   150
NTDB id 226 SPD RS05990 WP 000705306.1       FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN...ELVIVSGLAKGIDTAA   150
NTDB id 192 SPR RS05715 WP 000705306.1       FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN...ELVIVSGLAKGIDTAA   150
NTDB id 157 SP RS06205 WP 000705306.1        FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN...ELVIVSGLAKGIDTAA   150
NTDB id 497 SM12261 RS05565 WP 000705318.1   FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN...ELVIVSGLAKGIDTAA   150
NTDB id 275639 C5Z25 RS00875 WP 105450829.1 LTILDADYPASLLASYQPPLVLFLQGQRQLLATTQLAVVGARQASPYAQRVLNRLLPPLVGAALPLTVISGLAAGTDGLA   156
NTDB id 626 LCA RS04960 WP 011374694.1      LTILDKDYPQRLLETYLPPVLLFYRGDLRLLKQPCLAVVGARQATHYSKQSLEQLLQGLT....ATTIISGLAQGADAMA   154
consensus                                    **!!!**!!**!***!**!**!!**!***!!*****!!!!*!***************!**   ****!!!!*!*!**!

logo

NTDB id 525 SMSK321 RS06295 WP 000705298.1   HMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYISNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGS   230
NTDB id 267 KZH43 RS05590 WP 000705306.1     HMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGS   230
NTDB id 226 SPD RS05990 WP 000705306.1       HMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGS   230
NTDB id 192 SPR RS05715 WP 000705306.1       HMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGS   230
NTDB id 157 SP RS06205 WP 000705306.1        HMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGS   230
NTDB id 497 SM12261 RS05565 WP 000705318.1   HMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGS   230
NTDB id 275639 C5Z25 RS00875 WP 105450829.1 HQTALRVGLKTIAVIGTGLDISYPRQNAAIQRQVGQVGLLISEYPLGSPPARHHFPARNRIIAGLCQSLVVIEARAHSGS   236
NTDB id 626 LCA RS04960 WP 011374694.1      HEVALQRGLAPIGVIGTGINCSYPPQNEHLQQVVAEKGLLLSEYALGTPARRYQFPARNKIIAGLCHSLIVTEARHKSGS   234
consensus                                    !**!!**!***!*!!!!!****!!**!***!*******!**!!!**!*******!!!!!*!!!!!!****!*!!***!!!

logo

NTDB id 525 SMSK321 RS06295 WP 000705298.1   LITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..   282
NTDB id 267 KZH43 RS05590 WP 000705306.1     LITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..   282
NTDB id 226 SPD RS05990 WP 000705306.1       LITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..   282
NTDB id 192 SPR RS05715 WP 000705306.1       LITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..   282
NTDB id 157 SP RS06205 WP 000705306.1        LITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..   282
NTDB id 497 SM12261 RS05565 WP 000705318.1   LITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..   282
NTDB id 275639 C5Z25 RS00875 WP 105450829.1 LITANLALQANRNVLAVPGPIDAPMSVGCNELILAGAKPVLNSGHIIEEFLPII   290
NTDB id 626 LCA RS04960 WP 011374694.1      LITANLALQANRNVYAIPGRIDQSLSQGCNQLIAAGATPLLDKNILIEELRYFD   288
consensus                                    !!!***!****!*!*!*!!*!****!*!!**!!**!!***********!***
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X non conserved
X similar
X $\geq$ 50% conserved