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logo

NTDB id 599 KW2 RS05940 WP 021037268.1          .MITNFDLFRWKKAGMTNLGVNKLLKFFRKYDRKISLRQMGQVAQVKSIPNFIEQYKNQDVKKLRADYKKFSSFSILDDL   79
NTDB id 407 SMU RS04605 WP 002262865.1          ..MDNFQLFKLKKAGLTNLNILNIIDYEERTQKSLSLRDMAVVSKNKKPLIFMEHYKNLDSKALRKEFNRFPSLSILDKE   78
NTDB id 1139634 DQM63 RS05745 WP 002900343.1    ..MNNFEIYKMKKAGLTNHQVLNVLRYAESRDGKLSLRDKAVVSECRNPALFIEKYKRLDLPALKEEFELFPSFSILDDI   78
NTDB id 525 SMSK321 RS06295 WP 000705298.1     MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQELLLGDIADISGCRNPAVFMERYFQIDDAHLEKEFKKIPSFSILDDC   80
NTDB id 497 SM12261 RS05565 WP 000705318.1     MKITNYEIYKLKKSGLTNQQVLAVLEYGENVDQELLLGDIAEISGCRNPAVFMERYFQIDDAHLEKEFQKFPSFSILDDC   80
NTDB id 267 KZH43 RS05590 WP 000705306.1       MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQELLLGDIADISGCRNPAVFMERYFQIDDAHLSKEFQKFPSFSILDDC   80
NTDB id 226 SPD RS05990 WP 000705306.1         MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQELLLGDIADISGCRNPAVFMERYFQIDDAHLSKEFQKFPSFSILDDC   80
NTDB id 192 SPR RS05715 WP 000705306.1         MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQELLLGDIADISGCRNPAVFMERYFQIDDAHLSKEFQKFPSFSILDDC   80
NTDB id 157 SP RS06205 WP 000705306.1          MKITNYEIYKLKKSGLTNQQILKVLEYGENVDQELLLGDIADISGCRNPAVFMERYFQIDDAHLSKEFQKFPSFSILDDC   80
consensus                                      ****!******!!*!*!!*******************!**************!*!*!***!***!  *******!*!!!!**

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NTDB id 599 KW2 RS05940 WP 021037268.1          YPERLREIYNPPVLIFYQGNIDLLKNPKLAFVGSRLAGQSGIKSVQKIVTELNQSFTIVSGLAKGIDTASHLSAIKTKTP   159
NTDB id 407 SMU RS04605 WP 002262865.1          YPLELKNIYNPPVLLFYQGDLDLLARPKLAVVGSRNASQMGVAAVKKIIQDLSKQFVIISGLARGIDTAAHLASLKSGGA   158
NTDB id 1139634 DQM63 RS05745 WP 002900343.1    YPWDLCEIYDAPTLLFYQGNLNLLELPKAAVVGSRDSSKQGNASVQKIIKELNNELVIVSGLARGIDTAAHMAALQNGGQ   158
NTDB id 525 SMSK321 RS06295 WP 000705298.1     YPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRSCSKQGAKSVEKIIQGLENELVIVSGLAKGIDTAAHMAALQNGGK   160
NTDB id 497 SM12261 RS05565 WP 000705318.1     YPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLENELVIVSGLAKGIDTAAHMAALQNGGK   160
NTDB id 267 KZH43 RS05590 WP 000705306.1       YPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLENELVIVSGLAKGIDTAAHMAALQNGGK   160
NTDB id 226 SPD RS05990 WP 000705306.1         YPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLENELVIVSGLAKGIDTAAHMAALQNGGK   160
NTDB id 192 SPR RS05715 WP 000705306.1         YPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLENELVIVSGLAKGIDTAAHMAALQNGGK   160
NTDB id 157 SP RS06205 WP 000705306.1          YPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLENELVIVSGLAKGIDTAAHMAALQNGGK   160
consensus                                      !!**!**!!**!*!*!!*!***!!**!!*!*!!!!*****!***!*!****!*****!*!!!!*!!!!!*!*********

logo

NTDB id 599 KW2 RS05940 WP 021037268.1          TIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVVEAKLRSGSLITCERALEE   239
NTDB id 407 SMU RS04605 WP 002262865.1          TIAVIGTGLDVHYPKENRRLQDYIAKNHLLLSEYEAQSQPLKYHFPERNRIIAGLSQGVMVAEAKIRSGSLITCERAMEE   238
NTDB id 1139634 DQM63 RS05745 WP 002900343.1    TIAVIGTGLDVFYPKANKKLQAYIGKNHLLLTEYGPGEQPLKFHFPERNRIIAGLCRGVIVAEAKMRSGSLITCERAMEE   238
NTDB id 525 SMSK321 RS06295 WP 000705298.1     TIAVIGTGLDVFYPKANKRLQDYISNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCERAMEE   240
NTDB id 497 SM12261 RS05565 WP 000705318.1     TIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCERAMEE   240
NTDB id 267 KZH43 RS05590 WP 000705306.1       TIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCERAMEE   240
NTDB id 226 SPD RS05990 WP 000705306.1         TIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCERAMEE   240
NTDB id 192 SPR RS05715 WP 000705306.1         TIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCERAMEE   240
NTDB id 157 SP RS06205 WP 000705306.1          TIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCERAMEE   240
consensus                                      !!!!!!!!!!**!!**!***!*!*****!*!*!!*****!!!*!!!*!!!!!!!!**!!*!*!!!*!!!!!!!!!!!*!!

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NTDB id 599 KW2 RS05940 WP 021037268.1          GRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN   282
NTDB id 407 SMU RS04605 WP 002262865.1          GRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF.   280
NTDB id 1139634 DQM63 RS05745 WP 002900343.1    GRDVFAIPGSILDGKSDGCHHLIQEGAKCITSGSDVLSEFDF.   280
NTDB id 525 SMSK321 RS06295 WP 000705298.1     GRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.   282
NTDB id 497 SM12261 RS05565 WP 000705318.1     GRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.   282
NTDB id 267 KZH43 RS05590 WP 000705306.1       GRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.   282
NTDB id 226 SPD RS05990 WP 000705306.1         GRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.   282
NTDB id 192 SPR RS05715 WP 000705306.1         GRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.   282
NTDB id 157 SP RS06205 WP 000705306.1          GRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.   282
consensus                                      !!!*!**!!*!*!!*!*!!*!!!!*!!!******!*!*!***
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X non conserved
X similar
X $\geq$ 50% conserved