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logo

NTDB id 1361 HI 0985 AAC22646.1              MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDDVAFRQMGWGAIQIRRWFKPEAKFIEPALVWSQKE......G   74
NTDB id 599 KW2 RS05940 WP 021037268.1       .MITNFDLFR......WKKAG....MTNLGVNKLLKFFRKYDRKISLRQMGQVAQVKSIPNFIEQYKNQDVKKLRADYKK   69
NTDB id 407 SMU RS04605 WP 002262865.1       ..MDNFQLFK......LKKAG....LTNLNILNIIDYEERTQKSLSLRDMAVVSKNKKPLIFMEHYKNLDSKALRKEFNR   68
NTDB id 1121851 EL140 RS05455 WP 000705328.1 MKITNYEIYK......LRKAG....LSNQQILTVLEYDETVDQELLLGDIAEISGCRNPAVFMERYFQIDDAQLEKEFQK   70
NTDB id 525 SMSK321 RS06295 WP 000705298.1   MKITNYEIYK......LKKSG....LTNQQILKVLEYGENVDQELLLGDIADISGCRNPAVFMERYFQIDDAHLEKEFKK   70
NTDB id 497 SM12261 RS05565 WP 000705318.1   MKITNYEIYK......LKKSG....LTNQQVLAVLEYGENVDQELLLGDIAEISGCRNPAVFMERYFQIDDAHLEKEFQK   70
NTDB id 267 KZH43 RS05590 WP 000705306.1     MKITNYEIYK......LKKSG....LTNQQILKVLEYGENVDQELLLGDIADISGCRNPAVFMERYFQIDDAHLSKEFQK   70
NTDB id 226 SPD RS05990 WP 000705306.1       MKITNYEIYK......LKKSG....LTNQQILKVLEYGENVDQELLLGDIADISGCRNPAVFMERYFQIDDAHLSKEFQK   70
NTDB id 192 SPR RS05715 WP 000705306.1       MKITNYEIYK......LKKSG....LTNQQILKVLEYGENVDQELLLGDIADISGCRNPAVFMERYFQIDDAHLSKEFQK   70
NTDB id 157 SP RS06205 WP 000705306.1        MKITNYEIYK......LKKSG....LTNQQILKVLEYGENVDQELLLGDIADISGCRNPAVFMERYFQIDDAHLSKEFQK   70
consensus                                    **********      ****!    **!*****************************!*!***********  *****

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NTDB id 1361 HI 0985 AAC22646.1              NHLVNYFSPFYPELLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLALGIDGH  154
NTDB id 599 KW2 RS05940 WP 021037268.1       FSSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKNPKLAFVGSRLAGQSGIKSVQKIVTELN.QSFTIVSGLAKGIDTA  148
NTDB id 407 SMU RS04605 WP 002262865.1       FPSLSILDKEYPLELKNIYNPPVLLFYQGDLDLLARPKLAVVGSRNASQMGVAAVKKIIQDLS.KQFVIISGLARGIDTA  147
NTDB id 1121851 EL140 RS05455 WP 000705328.1 FPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRSCSSQGAKSVQKVIQGLE.NELIVVSGLAKGIDTA  149
NTDB id 525 SMSK321 RS06295 WP 000705298.1   IPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRSCSKQGAKSVEKIIQGLE.NELVIVSGLAKGIDTA  149
NTDB id 497 SM12261 RS05565 WP 000705318.1   FPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGLAKGIDTA  149
NTDB id 267 KZH43 RS05590 WP 000705306.1     FPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGLAKGIDTA  149
NTDB id 226 SPD RS05990 WP 000705306.1       FPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGLAKGIDTA  149
NTDB id 192 SPR RS05715 WP 000705306.1       FPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGLAKGIDTA  149
NTDB id 157 SP RS06205 WP 000705306.1        FPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGLAKGIDTA  149
consensus                                    **********!!**!******!*!*!**!****!*****!*!!!!*****!***********!* ******!!!!*!!!**

logo

NTDB id 1361 HI 0985 AAC22646.1              CHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVVEATEKS  234
NTDB id 599 KW2 RS05940 WP 021037268.1       SHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEY.LAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVVEAKLRS  227
NTDB id 407 SMU RS04605 WP 002262865.1       AHLASLKSGGATIAVIGTGLDVHYPKENRRLQDY.IAKNHLLLSEYEAQSQPLKYHFPERNRIIAGLSQGVMVAEAKIRS  226
NTDB id 1121851 EL140 RS05455 WP 000705328.1 AHMAALQNGGRTIAVIGTGLDVFYPRANKRLQEH.IGNHHLVLSEYGPGEEPLKFHFPARNRIIAGLCRGVIVAEARMRS  228
NTDB id 525 SMSK321 RS06295 WP 000705298.1   AHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDY.ISNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRS  228
NTDB id 497 SM12261 RS05565 WP 000705318.1   AHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDY.IGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRS  228
NTDB id 267 KZH43 RS05590 WP 000705306.1     AHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDY.IGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRS  228
NTDB id 226 SPD RS05990 WP 000705306.1       AHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDY.IGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRS  228
NTDB id 192 SPR RS05715 WP 000705306.1       AHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDY.IGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRS  228
NTDB id 157 SP RS06205 WP 000705306.1        AHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDY.IGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRS  228
consensus                                    *!*********!!!!*!*!!***!!********* ********!!******!****!!*!!!!!*!!**!**!*!!***!
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logo

NTDB id 1361 HI 0985 AAC22646.1              GSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQTEIDFDQIAVPNYTPPPDPR   314
NTDB id 599 KW2 RS05940 WP 021037268.1       GSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN.........................   282
NTDB id 407 SMU RS04605 WP 002262865.1       GSLITCERAMEEGRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF...........................   280
NTDB id 1121851 EL140 RS05455 WP 000705328.1 GSLITCERAMEEGRDVFAIPGNILDGHSDGCHHLIQEGAKLISSGQDVLAEFEF...........................   282
NTDB id 525 SMSK321 RS06295 WP 000705298.1   GSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...........................   282
NTDB id 497 SM12261 RS05565 WP 000705318.1   GSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...........................   282
NTDB id 267 KZH43 RS05590 WP 000705306.1     GSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...........................   282
NTDB id 226 SPD RS05990 WP 000705306.1       GSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...........................   282
NTDB id 192 SPR RS05715 WP 000705306.1       GSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...........................   282
NTDB id 157 SP RS06205 WP 000705306.1        GSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...........................   282
consensus                                    !!!!!***!*!**!**!**!!*!****!*!!**!!**!!********!*!*****

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NTDB id 1361 HI 0985 AAC22646.1              RLVEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV   373
NTDB id 599 KW2 RS05940 WP 021037268.1       ............................................................   282
NTDB id 407 SMU RS04605 WP 002262865.1       ............................................................   280
NTDB id 1121851 EL140 RS05455 WP 000705328.1 ............................................................   282
NTDB id 525 SMSK321 RS06295 WP 000705298.1   ............................................................   282
NTDB id 497 SM12261 RS05565 WP 000705318.1   ............................................................   282
NTDB id 267 KZH43 RS05590 WP 000705306.1     ............................................................   282
NTDB id 226 SPD RS05990 WP 000705306.1       ............................................................   282
NTDB id 192 SPR RS05715 WP 000705306.1       ............................................................   282
NTDB id 157 SP RS06205 WP 000705306.1        ............................................................   282
consensus
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X non conserved

X similar

X ≥ 50% conserved