```
logo
NTDB id 156527 FORC27 RS06785 WP 000593194.1  MIKLFLLKLY...WAHFSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNREENVLLLRKYYAFIKLDHNDIIKELQKLKV   77
NTDB id 25 SA RS06185 WP 000593194.1          MIKLFLLKLY...WAHFSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNREENVLLLRKYYAFIKLDHNDIIKELQKLKV   77
NTDB id 40 MW RS06080 WP 000593192.1          MIKLFLLKLY...WAHFSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNREENVHLLRKYYAFIKLDHNDIIKELQKLKV   77
NTDB id 525 SMSK321 RS06295 WP 000705298.1    .MKITNYEIYKLKKSGLTNQQILKV.LEYGENVDQELLL..GDIADISGCRNPAVFMERYF...QIDDAHLEKEFK..KI   71
NTDB id 267 KZH43 RS05590 WP 000705306.1      .MKITNYEIYKLKKSGLTNQQILKV.LEYGENVDQELLL..GDIADISGCRNPAVFMERYF...QIDDAHLSKEFQ..KF   71
NTDB id 226 SPD RS05990 WP 000705306.1        .MKITNYEIYKLKKSGLTNQQILKV.LEYGENVDQELLL..GDIADISGCRNPAVFMERYF...QIDDAHLSKEFQ..KF   71
NTDB id 192 SPR RS05715 WP 000705306.1        .MKITNYEIYKLKKSGLTNQQILKV.LEYGENVDQELLL..GDIADISGCRNPAVFMERYF...QIDDAHLSKEFQ..KF   71
NTDB id 157 SP RS06205 WP 000705306.1         .MKITNYEIYKLKKSGLTNQQILKV.LEYGENVDQELLL..GDIADISGCRNPAVFMERYF...QIDDAHLSKEFQ..KF   71
consensus                                      *!******!**********!!*** **!******!***   *******************!*    **!**** !!**  !
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logo
NTDB id 156527 FORC27 RS06785 WP 000593194.1  SYITYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGLAQGADAM   157
NTDB id 25 SA RS06185 WP 000593194.1          SYITYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGLAQGADAM   157
NTDB id 40 MW RS06080 WP 000593192.1          SYITYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGLAQGADAM   157
NTDB id 525 SMSK321 RS06295 WP 000705298.1    PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRSCSKQGAKSVEKIIQG.LENELVIVSGLAKGIDTA   149
NTDB id 267 KZH43 RS05590 WP 000705306.1      PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQG.LENELVIVSGLAKGIDTA   149
NTDB id 226 SPD RS05990 WP 000705306.1        PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQG.LENELVIVSGLAKGIDTA   149
NTDB id 192 SPR RS05715 WP 000705306.1        PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQG.LENELVIVSGLAKGIDTA   149
NTDB id 157 SP RS06205 WP 000705306.1         PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVIQG.LENELVIVSGLAKGIDTA   149
consensus                                     ******!**!!**!*!!!**!*!!!!!!!**!*** ***!!!!*! *******!*!***** ****!*!!!!!!*!*!**
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logo
NTDB id 156527 FORC27 RS06785 WP 000593194.1  AHQIALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLITEAKEQSG   237
NTDB id 25 SA RS06185 WP 000593194.1          AHQIALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLITEAKEQSG   237
NTDB id 40 MW RS06080 WP 000593192.1          AHQIALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLITEAKEQSG   237
NTDB id 525 SMSK321 RS06295 WP 000705298.1    AHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYISNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSG   229
NTDB id 267 KZH43 RS05590 WP 000705306.1      AHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSG   229
NTDB id 226 SPD RS05990 WP 000705306.1        AHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSG   229
NTDB id 192 SPR RS05715 WP 000705306.1        AHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSG   229
NTDB id 157 SP RS06205 WP 000705306.1         AHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSG   229
consensus                                     !!**!!*****!!!!***!****!!!****!***! ***!!*!!!*!*****!**!!*!!!!!*!!**!!***!!!**!!
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logo
NTDB id 156527 FORC27 RS06785 WP 000593194.1  SHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI   290
NTDB id 25 SA RS06185 WP 000593194.1          SHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI   290
NTDB id 40 MW RS06080 WP 000593192.1          SHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI   290
NTDB id 525 SMSK321 RS06295 WP 000705298.1    SLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF   282
NTDB id 267 KZH43 RS05590 WP 000705306.1      SLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF   282
NTDB id 226 SPD RS05990 WP 000705306.1        SLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF   282
NTDB id 192 SPR RS05715 WP 000705306.1        SLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF   282
NTDB id 157 SP RS06205 WP 000705306.1         SLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF   282
consensus                                     !*!!***!*!**!*!***!!!*******!****!!!!!!*!****!*******
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X non conserved
X similar
X $\geq$ 50% conserved