```
logo
NTDB id 1057242 ACFIOD RS07775 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                                       *!******!**********!!***  **!******!***   ******************!*    **!****  !!**   !

logo
NTDB id 1057242 ACFIOD RS07775 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                                      ******!**!!**!*!!!**!*!!!!!!!**!*** ***!!!!*! *******!*!***** ****!*!!!!!!*!*!**

logo
NTDB id 1057242 ACFIOD RS07775 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                                      !!**!!*****!!!!***!****!!****!***! ***!!*!!!*!*****!**!!*!!!!!*!!**!!***!!!**!!

logo
NTDB id 1057242 ACFIOD RS07775 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