```
logo
NTDB id 286 KZH43 RS05975 WP 000782664.1     MKMKQISDTTLKITISLEDLMDRGMEIADFLVPQEKTEEFFYAILDELEMPDSFLDTGMLSFRVTPKPDKVDVFVTKSKIDQNLD    85
NTDB id 285 SPD RS06395 WP 000782664.1       MKMKQISDTTLKITISLEDLMDRGMEIADFLVPQEKTEEFFYAILDELEMPDSFLDTGMLSFRVTPKPDKVDVFVTKSKIDQNLD    85
NTDB id 284 SPR RS06100 WP 000782664.1       MKMKQISDTTLKITISLEDLMDRGMEIADFLVPQEKTEEFFYAILDELEMPDSFLDTGMLSFRVTPKPDKVDVFVTKSKIDQNLD    85
NTDB id 283 SP RS06670 WP 000782668.1        MKMKQISDTTLKITISLEDLMDRGMEIADFLVPQEKTEEFFYAILDELEMPDSFLDTGMLSFRVTPKPDKVDVFVTKSKIDQNLD    85
NTDB id 299 STER RS01050 WP 011680667.1      MEMKQISETTLKIMITMEDLEEHGMELKDFLIPQEKTEEFFYTVMDELDLPDNFKNSGMLSFRVTPRKDRVDVFVTKSDLKEDLD    85
NTDB id 331 STU RS10485 WP 011225365.1       MEMKQINETTLKIMITMEDLEEHGMELKDFLIPQEKTEEFFYTVMDELDLPDNFKNSGMLSFRVTPRKDRVDVFVTKSDLKEALD    85
NTDB id 49076 SESEC RS08890 WP 014623472.1  MEMKQISETTLKITISMDDLEERGMELKDFLIPQEKTEEFFYAVMDELDLPDNFKDSGMLSFRVTPRKDRLDVFVTKSDLNKDLN    85
NTDB id 380 SMU RS01250 WP 002262749.1       MEMKQISETTLKITISMEDLEERGMELKDFLIPQEKTEEFFYTVMDELDLPENFKDSGMLSFRVTPRNDRIDVFVTKSEINKNLN    85
consensus                                    ! !!!!**!!!!!*!***!! **!!!* !!!*!!!!!!!!!!***!!!**!* ! **!!!!!!!!!* !**!!!!!!! *  *!*

logo
NTDB id 286 KZH43 RS05975 WP 000782664.1     FEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEE............QEQAEQEAESKKEPYIYYILS   158
NTDB id 285 SPD RS06395 WP 000782664.1       FEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEE............QEQAEQEAESKKEPYIYYILS   158
NTDB id 284 SPR RS06100 WP 000782664.1       FEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEE............QEQAEQEAESKKEPYIYYILS   158
NTDB id 283 SP RS06670 WP 000782668.1        FEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEVKEEE............QEQAEQEAESKKEPYIYYILS   158
NTDB id 299 STER RS01050 WP 011680667.1      FNDLSDM...EDYSGLSPEEFLKALEDNFMDKG..DIEAHHKLEEHDKTLKEVDETM......TEPAKEVAEETIREDYTHYVLA   159
NTDB id 331 STU RS10485 WP 011225365.1       FNDLSDM...EDYSGLSPEEFLKALEDNFMDKG..DIEAHHKLEEHDKTLKEVDETM......TEPAKEVAEETIREDYTHYVLA   159
NTDB id 49076 SESEC RS08890 WP 014623472.1  FEDLADL...GDISQMTPEDFFRSLEQSMREKG..DVNAHEKLEKIEEIMEDVVDATLAEQADNKEAAELEEPTEPLDYVHYVLD   165
NTDB id 380 SMU RS01250 WP 002262749.1       LEDLSDF...DDISKMSPEDFFNTLEETMREKG..DAAALDKLAEIEKREEE............KTQQEKGETKEKRDYVHFVLD   153
consensus                                    **!!*!*   *** ***!**!***!! ** *!   !**!*  !* ** ****            ***! * ** ** !* **!

logo
NTDB id 286 KZH43 RS05975 WP 000782664.1     FAKLADLVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQEYGQVLMSHDAVLNLQ   242
NTDB id 285 SPD RS06395 WP 000782664.1       FAKLADLVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQEYGQVLMSHDAVLNLQ   242
NTDB id 284 SPR RS06100 WP 000782664.1       FAKLADLVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQEYGQVLMSHDAVLNLQ   242
NTDB id 283 SP RS06670 WP 000782668.1        FAKLADLVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQEYGQVLMSHDAVLNLQ   242
NTDB id 299 STER RS01050 WP 011680667.1      FSDFDQVVTFAQGLKNVSVEGSEFYKLGDVYYMTILLYLADEPDYYANNMYARFLEYANVADRTRPYLQEHATILMEEDALPVLQ   244
NTDB id 331 STU RS10485 WP 011225365.1       FSDFDQVVTFAQGLKNVSVEGSEFYKLGDVYYMTILLYLADEPDYYANNMYARFLEYANVADRTRPYLQEHATILMEEDALPVLQ   244
NTDB id 49076 SESEC RS08890 WP 014623472.1  FASVRDAVCFAKAI.DFPIEASELYKGPRHYHMTILLDVQNKPAYFANVMYARLIEHARPGTKTRAYLQEHGCQLIFDGAVEELQ   249
NTDB id 380 SMU RS01250 WP 002262749.1       FPNIQQVINFAKTV.DYDVEASELFKESDAYHMTVLLNLEDKPDYYADLMFARMLEHAGRGTKTRAYLLEHGVQLIKADALQELQ   237
consensus                                    !* * *** !!***  ***! !!**!* * !**!*!***** !  *   * !!* !*!   * *!  !*! * *!*  *!*  !!

logo
NTDB id 286 KZH43 RS05975 WP 000782664.1     KIG..   245
NTDB id 285 SPD RS06395 WP 000782664.1       KIG..   245
NTDB id 284 SPR RS06100 WP 000782664.1       KIG..   245
NTDB id 283 SP RS06670 WP 000782668.1        KIG..   245
NTDB id 299 STER RS01050 WP 011680667.1      ATKWS   249
NTDB id 331 STU RS10485 WP 011225365.1       ATKWS   249
NTDB id 49076 SESEC RS08890 WP 014623472.1  KIRLG   254
NTDB id 380 SMU RS01250 WP 002262749.1       MIG..   240
consensus                                    ***
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X non conserved
X similar
X $\geq$ 50% conserved