```
logo
NTDB id 58474 I872 RS08520 WP 015605704.1  MEVKQINDSTIKITIQLEDLEEHGMEIADFLVPQEKTEEFFYTILDELEMPESFLDSGMLSFRVTPKPDKLDVFVTRSKIDKNLN   85
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 380 SMU RS01250 WP 002262749.1     MEMKQISETTLKITISMEDLEERGMELKDFLIPQEKTEEFFYTVMDELDLPENFKDSGMLSFRVTPRNDRIDVFVTKSEINKNLN   85
NTDB id 331 STU RS10485 WP 011225365.1     MEMKQINETTLKIMITMEDLEEHGMELKDFLIPQEKTEEFFYTVMDELDLPDNFKNSGMLSFRVTPRKDRVDVFVTKSDLKEALD   85
NTDB id 299 STER RS01050 WP 011680667.1    MEMKQISETTLKIMITMEDLEEHGMELKDFLIPQEKTEEFFYTVMDELDLPDNFKNSGMLSFRVTPRKDRVDVFVTKSDLKEDLD   85
consensus                                  ! *!!!***!*!!*!**!!! **!!!**!!!*!!!!!!!!!! **!!!**!**!***!!!!!!!!**!**!!!!!*!*** *!*

logo
NTDB id 58474 I872 RS08520 WP 015605704.1  FEDLGNLPDLDELSQMSPDEFLKTLEKNIFEKSKDDLEAVKSLEEAEADQEDSA.....DSSEEKEEENLDRYVYYILSFTDLRS   165
NTDB id 286 KZH43 RS05975 WP 000782664.1   FEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEEQE.....Q.AEQEAESKKEPYIYYILSFAKLAD   164
NTDB id 285 SPD RS06395 WP 000782664.1     FEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEEQE.....Q.AEQEAESKKEPYIYYILSFAKLAD   164
NTDB id 284 SPR RS06100 WP 000782664.1     FEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEEQE.....Q.AEQEAESKKEPYIYYILSFAKLAD   164
NTDB id 283 SP RS06670 WP 000782668.1      FEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEVKEEEQE.....Q.AEQEAESKKEPYIYYILSFAKLAD   164
NTDB id 380 SMU RS01250 WP 002262749.1     LEDLSD...FDDISKMSPEDFFNTLEETMREK..GDAAALDKLAEIEKREEEK......TQQEKGETKEKRDYVHFVLDFPNIQQ   159
NTDB id 331 STU RS10485 WP 011225365.1     FNDLSD...MEDYSGLSPEEFLKALEDNFMDK..GDIEAHHKLEEHDKTLKEVDETMTEPAKEVAEETIREDYTHYVLAFSDFDQ   165
NTDB id 299 STER RS01050 WP 011680667.1    FNDLSD...MEDYSGLSPEEFLKALEDNFMDK..GDIEAHHKLEEHDKTLKEVDETMTEPAKEVAEETIREDYTHYVLAFSDFDQ   165
consensus                                  **!!********* **!!**!***!!*** *!***!**!* *!* ** **** *         !   ** ** !****!*!  *

logo
NTDB id 58474 I872 RS08520 WP 015605704.1  VVSFAKTV.DYPIDLSELYKYDSAYYLTILVDLEEQPELYPAWLLAKMREFAEDTDITRAVLQEHGRLLLVTEAIQQLQKVECV   248
NTDB id 286 KZH43 RS05975 WP 000782664.1   LVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQEYGQVLMSHDAVLNLQKIG..   245
NTDB id 285 SPD RS06395 WP 000782664.1     LVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQEYGQVLMSHDAVLNLQKIG..   245
NTDB id 284 SPR RS06100 WP 000782664.1     LVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQEYGQVLMSHDAVLNLQKIG..   245
NTDB id 283 SP RS06670 WP 000782668.1      LVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQEYGQVLMSHDAVLNLQKIG..   245
NTDB id 380 SMU RS01250 WP 002262749.1     VINFAKTV.DYDVEASELFKESDAYHMTVLLNLEDKPDYYADLMFARMLEHAGRGTKTRAYLLEHGVQLIKADALQELQMIG..   240
NTDB id 331 STU RS10485 WP 011225365.1     VVTFAQGLKNVSVEGSEFYKLGDVYYMTILLYLADEPDYYANNMYARFLEYANVADRTRPYLQEHATILMEEDALPVLQATKWS   249
NTDB id 299 STER RS01050 WP 011680667.1    VVTFAQGLKNVSVEGSEFYKLGDVYYMTILLYLADEPDYYANNMYARFLEYANVADRTRPYLQEHATILMEEDALPVLQATKWS   249
consensus                                  ** !!***  **** !!**!* * !**!*!****  !  !*****!***!*!******! *!*! * *!*  *!* *!!***
```

X non conserved

X similar

X $\geq$ 50% conserved