```
logo
NTDB id 286 KZH43 RS05975 WP 000782664.1      MKMKQISDTTLKITISLEDLMDRGMEIADFLVPQEKTEEFFYAILDELEMPDSFLDTGMLSFRVTPKPDKVDVFVTKSKI   80
NTDB id 285 SPD RS06395 WP 000782664.1        MKMKQISDTTLKITISLEDLMDRGMEIADFLVPQEKTEEFFYAILDELEMPDSFLDTGMLSFRVTPKPDKVDVFVTKSKI   80
NTDB id 284 SPR RS06100 WP 000782664.1        MKMKQISDTTLKITISLEDLMDRGMEIADFLVPQEKTEEFFYAILDELEMPDSFLDTGMLSFRVTPKPDKVDVFVTKSKI   80
NTDB id 283 SP RS06670 WP 000782668.1         MKMKQISDTTLKITISLEDLMDRGMEIADFLVPQEKTEEFFYAILDELEMPDSFLDTGMLSFRVTPKPDKVDVFVTKSKI   80
NTDB id 299 STER RS01050 WP 011680667.1       MEMKQISETTLKIMITMEDLEEHGMELKDFLIPQEKTEEFFYTVMDELDLPDNFKNSGMLSFRVTPRKDRVDVFVTKSDL   80
NTDB id 331 STU RS10485 WP 011225365.1        MEMKQINETTLKIMITMEDLEEHGMELKDFLIPQEKTEEFFYTVMDELDLPDNFKNSGMLSFRVTPRKDRVDVFVTKSDL   80
NTDB id 1139726 DQM64 RS00955 WP 000425370.1  MEMKQISETTLKITISMEDLEDRGMELKDFLIPQEKTEEFFYSVMDELDLPENFKNSGMLSFRVTPKKDRIDVFVTKSEL   80
NTDB id 380 SMU RS01250 WP 002262749.1        MEMKQISETTLKITISMEDLEERGMELKDFLIPQEKTEEFFYTVMDELDLPENFKDSGMLSFRVTPRNDRIDVFVTKSEI   80
consensus                                     ! !!!!**!!!!!!*!**!!! **!!!* !!!*!!!!!!!!!! **!!!**!* ! **!!!!!!!!!* !**!!!!!!! *

logo
NTDB id 286 KZH43 RS05975 WP 000782664.1      DQNLDFEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEEQEQ.........AEQEAESKKEP  151
NTDB id 285 SPD RS06395 WP 000782664.1        DQNLDFEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEEQEQ.........AEQEAESKKEP  151
NTDB id 284 SPR RS06100 WP 000782664.1        DQNLDFEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEEQEQ.........AEQEAESKKEP  151
NTDB id 283 SP RS06670 WP 000782668.1         DQNLDFEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEVKEEEQEQ.........AEQEAESKKEP  151
NTDB id 299 STER RS01050 WP 011680667.1       KEDLDFNDLSDM...EDYSGLSPEEFLKALEDNFMDKG..DIEAHHKLEEHDKTLKEVDETMTEP...AKEVAEETIRED  152
NTDB id 331 STU RS10485 WP 011225365.1        KEALDFNDLSDM...EDYSGLSPEEFLKALEDNFMDKG..DIEAHHKLEEHDKTLKEVDETMTEP...AKEVAEETIRED  152
NTDB id 1139726 DQM64 RS00955 WP 000425370.1  SKDLNLEELADL...GDISKMSPEDFFKTLEQSMLEKG..DTDAHAKLAEIENMMDKATQEVVEENVSEEQAEKEVETIG  155
NTDB id 380 SMU RS01250 WP 002262749.1        NKNLNLEDLSDF...DDISKMSPEDFFNTLEETMREKG..DAAALDKLAEIEKREEEKTQQ.........EKGETKEKRD  146
consensus                                       *!****!*!*   ***  *!!**!***!! ** *!   !**!*  !* ** **** **          * * ** **

logo
NTDB id 286 KZH43 RS05975 WP 000782664.1      YIYYILSFAKLADLVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQEYGQ  230
NTDB id 285 SPD RS06395 WP 000782664.1        YIYYILSFAKLADLVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQEYGQ  230
NTDB id 284 SPR RS06100 WP 000782664.1        YIYYILSFAKLADLVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQEYGQ  230
NTDB id 283 SP RS06670 WP 000782668.1         YIYYILSFAKLADLVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQEYGQ  230
NTDB id 299 STER RS01050 WP 011680667.1       YTHYVLAFSDFDQVVTFAQGLKNVSVEGSEFYKLGDVYYMTILLYLADEPDYYANNMYARFLEYANVADRTRPYLQEHAT  232
NTDB id 331 STU RS10485 WP 011225365.1        YTHYVLAFSDFDQVVTFAQGLKNVSVEGSEFYKLGDVYYMTILLYLADEPDYYANNMYARFLEYANVADRTRPYLQEHAT  232
NTDB id 1139726 DQM64 RS00955 WP 000425370.1  YVHYVFDFDNIEAVVRFSQTI.DFPIEASELYKNGKGYHMTILLDLENQPSYFANLMYARMLEHANVGTKTRAYLKEHSI  234
NTDB id 380 SMU RS01250 WP 002262749.1        YVHFVLDFPNIQQVINFAKTV.DYDVEASELFKESDAYHMTVLLNLEDKPDYYADLMFARMLEHAGRGTKTRAYLLEHGV  225
consensus                                     !* ***  !   *  **  !****  ***! !!**!* * !**!*!***** !* *   * !!* !*!   * *!  !*! *

logo
NTDB id 286 KZH43 RS05975 WP 000782664.1      VLMSHDAVLNLQKIG..  245
NTDB id 285 SPD RS06395 WP 000782664.1        VLMSHDAVLNLQKIG..  245
NTDB id 284 SPR RS06100 WP 000782664.1        VLMSHDAVLNLQKIG..  245
NTDB id 283 SP RS06670 WP 000782668.1         VLMSHDAVLNLQKIG..  245
NTDB id 299 STER RS01050 WP 011680667.1       ILMEEDALPVLQATKWS  249
NTDB id 331 STU RS10485 WP 011225365.1        ILMEEDALPVLQATKWS  249
NTDB id 1139726 DQM64 RS00955 WP 000425370.1  QLIHDDAISKLQMIEMG  251
NTDB id 380 SMU RS01250 WP 002262749.1        QLIKADALQELQMIG..  240
consensus                                     *!*  !!*  !! **
```

X non conserved
X similar
X $\geq$ 50% conserved