```
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 1159737 QOR71 RS00955 WP 000425371.1  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 1159737 QOR71 RS00955 WP 000425371.1  SKDLNLEELADL...GDISKMSPEDFFKTLEQSMLEKG..DTDAHAKLAEIENMMDKATQEVVEENVSEEQPEKEVETIG   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 1159737 QOR71 RS00955 WP 000425371.1  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 1159737 QOR71 RS00955 WP 000425371.1  QLIHDDAISKLQMIEMG   251
NTDB id 380 SMU RS01250 WP 002262749.1        QLIKADALQELQMIG..   240
consensus                                     *!*  !!*  !! **
```

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