```
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 210614 BTR42 RS02140 WP 009853397.1  MEMKQISETTLKITISMEDLEERGMELKDFLIPQEKTEEFFYSVMDELDLPDNFKDSGMLSFRVTPRKDRIDVFVTKSEI    80
NTDB id 380 SMU RS01250 WP 002262749.1       MEMKQISETTLKITISMEDLEERGMELKDFLIPQEKTEEFFYTVMDELDLPENFKDSGMLSFRVTPRNDRIDVFVTKSEI    80
consensus                                    ! !!!!**!!!!!*!**!!! **!!!* !!!*!!!!!!!!!! **!!!**!* ! **!!!!!!!!!* !**!!!!!!! *

logo
NTDB id 286 KZH43 RS05975 WP 000782664.1     DQNLDFEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEEQ.........EQAEQEAESKKEP   151
NTDB id 285 SPD RS06395 WP 000782664.1       DQNLDFEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEEQ.........EQAEQEAESKKEP   151
NTDB id 284 SPR RS06100 WP 000782664.1       DQNLDFEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEEQ.........EQAEQEAESKKEP   151
NTDB id 283 SP RS06670 WP 000782668.1        DQNLDFEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEVKEEEQ.........EQAEQEAESKKEP   151
NTDB id 299 STER RS01050 WP 011680667.1      KEDLDFNDLSDM...EDYSGLSPEEFLKALEDNFMDKG..DIEAHHKLEEHDKTLKEVDET.MTE..PAKEVAEETIRED   152
NTDB id 331 STU RS10485 WP 011225365.1       KEALDFNDLSDM...EDYSGLSPEEFLKALEDNFMDKG..DIEAHHKLEEHDKTLKEVDET.MTE..PAKEVAEETIRED   152
NTDB id 210614 BTR42 RS02140 WP 009853397.1  NKEINFEDLAAF...DDVSNMSPEEFFKTLEQTMLSKG..DTEAHEKLGKIEEMMEGAVEEVLTEQAQAEPTEEDINPSD   155
NTDB id 380 SMU RS01250 WP 002262749.1       NKNLNLEDLSDF...DDISKMSPEDFFNTLEETMREKG..DAAALDKLAEIEKREEEKT.........QQEKGETKEKRD   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 210614 BTR42 RS02140 WP 009853397.1  YVHYVLDFPTLEAVVAFAKAI.DFPVEASELYKDGGLYHMTILLDLQNHPSYYANLMYARLLEYASAGTKTRAYLQEHGV   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 210614 BTR42 RS02140 WP 009853397.1  EMLADDAVAKLKMIELV   251
NTDB id 380 SMU RS01250 WP 002262749.1       QLIKADALQELQMIG..   240
consensus                                    ***  !!*  !* **
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X non conserved
X similar
X $\geq$ 50% conserved