```
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 235454 SE071780 RS09745 WP 012680100.1  MEMKQISETTLKITISMDDLEERGMELKDFLIPQEKTEEFFYAVMDELGLPDNFKDSGMLSFRVTPRKDRLDVFVTKSDL   80
NTDB id 380 SMU RS01250 WP 002262749.1          MEMKQISETTLKITISMEDLEERGMELKDFLIPQEKTEEFFYTVMDELDLPENFKDSGMLSFRVTPRNDRIDVFVTKSEI   80
consensus                                       ! !!!!**!!!!!!*!***!! **!!!* !!!*!!!!!!!!!!***!!!**!* ! **!!!!!!!!!! !**!!!!!!! *

logo

NTDB id 286 KZH43 RS05975 WP 000782664.1        DQNLDFEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEE............QEQAEQEAESK  148
NTDB id 285 SPD RS06395 WP 000782664.1          DQNLDFEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEE............QEQAEQEAESK  148
NTDB id 284 SPR RS06100 WP 000782664.1          DQNLDFEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEE............QEQAEQEAESK  148
NTDB id 283 SP RS06670 WP 000782668.1           DQNLDFEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEVKEEE............QEQAEQEAESK  148
NTDB id 299 STER RS01050 WP 011680667.1         KEDLDFNDLSDM...EDYSGLSPEEFLKALEDNFMDKG..DIEAHHKLEEHDKTLKEVDETM......TEPAKEVAEETI  149
NTDB id 331 STU RS10485 WP 011225365.1          KEALDFNDLSDM...EDYSGLSPEEFLKALEDNFMDKG..DIEAHHKLEEHDKTLKEVDETM......TEPAKEVAEETI  149
NTDB id 235454 SE071780 RS09745 WP 012680100.1  NKDLNFEDLADL...GDISQMTPEDFFRSLEQSMREKG..DVNAHEKLEKIEEIMEDVVDATLAEQADSKEAAELDEPTE  155
NTDB id 380 SMU RS01250 WP 002262749.1          NKNLNLEDLSDF...DDISKMSPEDFFNTLEETMREKG..DAAALDKLAEIEKREEE............KTQQEKGETKE  143
consensus                                         *!***!!*!*   *** ***!**!***!! ** *!   !**!*  !* ** ****             ***! * **

logo

NTDB id 286 KZH43 RS05975 WP 000782664.1        KEPYIYYILSFAKLADLVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQE  227
NTDB id 285 SPD RS06395 WP 000782664.1          KEPYIYYILSFAKLADLVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQE  227
NTDB id 284 SPR RS06100 WP 000782664.1          KEPYIYYILSFAKLADLVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQE  227
NTDB id 283 SP RS06670 WP 000782668.1           KEPYIYYILSFAKLADLVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQE  227
NTDB id 299 STER RS01050 WP 011680667.1         REDYTHYVLAFSDFDQVVTFAQGLKNVSVEGSEFYKLGDVYYMTILLYLADEPDYYANNMYARFLEYANVADRTRPYLQE  229
NTDB id 331 STU RS10485 WP 011225365.1          REDYTHYVLAFSDFDQVVTFAQGLKNVSVEGSEFYKLGDVYYMTILLYLADEPDYYANNMYARFLEYANVADRTRPYLQE  229
NTDB id 235454 SE071780 RS09745 WP 012680100.1  PLDYVHYVLDFASVRDAVCFAKVI.DFPIEASELYKGPRHYHMTILLDVQNKPAYFANVMYARLIEHASPGTKTRAYLQE  234
NTDB id 380 SMU RS01250 WP 002262749.1          KRDYVHFVLDFPNIQQVINFAKTV.DYDVEASELFKESDAYHMTVLLNLEDKPDYYADLMFARMLEHAGRGTKTRAYLLE  222
consensus                                       ** !* **! !* * *** !!***  ***! !!**!* * !**!*!***** !  *   * !!* !*!   * *!  !*!

logo

NTDB id 286 KZH43 RS05975 WP 000782664.1        YGQVLMSHDAVLNLQKIG..  245
NTDB id 285 SPD RS06395 WP 000782664.1          YGQVLMSHDAVLNLQKIG..  245
NTDB id 284 SPR RS06100 WP 000782664.1          YGQVLMSHDAVLNLQKIG..  245
NTDB id 283 SP RS06670 WP 000782668.1           YGQVLMSHDAVLNLQKIG..  245
NTDB id 299 STER RS01050 WP 011680667.1         HATILMEEDALPVLQATKWS  249
NTDB id 331 STU RS10485 WP 011225365.1          HATILMEEDALPVLQATKWS  249
NTDB id 235454 SE071780 RS09745 WP 012680100.1  HGCQLIFDGAVEELQKIRLG  254
NTDB id 380 SMU RS01250 WP 002262749.1          HGVQLIKADALQELQMIG..  240
consensus                                        * *!*  *!*  !!***
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X non conserved
X similar
X $\geq$ 50% conserved