```
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 1020906 ABZ559 RS00760 WP 367006858.1   MEMKQISETTLKITISMEDLEEHGMELKDFLLPQEKTEEFFYTVMDELDLPDNFKNSGMLSFRVTPRKDRIDVFVTKSEL    80
NTDB id 380 SMU RS01250 WP 002262749.1          MEMKQISETTLKITISMEDLEERGMELKDFLIPQEKTEEFFYTVMDELDLPENFKDSGMLSFRVTPRNDRIDVFVTKSEI    80
consensus                                       ! !!!!**!!!!!*!**!!!  **!!!* !!!*!!!!!!!!!! **!!!**!* ! **!!!!!!!!!* !**!!!!!!! *

logo
NTDB id 286 KZH43 RS05975 WP 000782664.1        DQNLDFEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEEQEQ.......AEQEAESKKEPYI   153
NTDB id 285 SPD RS06395 WP 000782664.1          DQNLDFEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEEQEQ.......AEQEAESKKEPYI   153
NTDB id 284 SPR RS06100 WP 000782664.1          DQNLDFEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKEEEQEQ.......AEQEAESKKEPYI   153
NTDB id 283 SP RS06670 WP 000782668.1           DQNLDFEDLSDLPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEVKEEEQEQ.......AEQEAESKKEPYI   153
NTDB id 299 STER RS01050 WP 011680667.1         KEDLDFNDLSDM...EDYSGLSPEEFLKALEDNFMDK..GDIEAHHKLEEHDKTLKEVDE.TMTEPAKEVAEETIREDYT   154
NTDB id 331 STU RS10485 WP 011225365.1          KEALDFNDLSDM...EDYSGLSPEEFLKALEDNFMDK..GDIEAHHKLEEHDKTLKEVDE.TMTEPAKEVAEETIREDYT   154
NTDB id 1020906 ABZ559 RS00760 WP 367006858.1   NKDLNFEDLSEF...GDVSNMSPEDFFKTLEQSMRSK..GDTEAHEKLEKIEEMVEAAISETQADEKLSEEEEINPTEYV   155
NTDB id 380 SMU RS01250 WP 002262749.1          NKNLNLEDLSDF...DDISKMSPEDFFNTLEETMREK..GDAAALDKLAEIEKREEEKTQQ.......EKGETKEKRDYV   148
consensus                                         *!***!!!**   *** **!!**!***!! ** *!   !**!*  !* ** **** **        * * ** ** !*

logo
NTDB id 286 KZH43 RS05975 WP 000782664.1        YYILSFAKLADLVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQEYGQVL   232
NTDB id 285 SPD RS06395 WP 000782664.1          YYILSFAKLADLVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQEYGQVL   232
NTDB id 284 SPR RS06100 WP 000782664.1          YYILSFAKLADLVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQEYGQVL   232
NTDB id 283 SP RS06670 WP 000782668.1           YYILSFAKLADLVAFAKTV.TFEMETSELYKMNERYYLTILVDIENHPSPYPAWLLARMREFADDSDISRSVLQEYGQVL   232
NTDB id 299 STER RS01050 WP 011680667.1         HYVLAFSDFDQVVTFAQGLKNVSVEGSEFYKLGDVYYMTILLYLADEPDYYANNMYARFLEYANVADRTRPYLQEHATIL   234
NTDB id 331 STU RS10485 WP 011225365.1          HYVLAFSDFDQVVTFAQGLKNVSVEGSEFYKLGDVYYMTILLYLADEPDYYANNMYARFLEYANVADRTRPYLQEHATIL   234
NTDB id 1020906 ABZ559 RS00760 WP 367006858.1   HYVLDFANLEDVISFSKAI.DFEVEASELYKQADRYHMTILLSLIDKPSYYANVMYARLLEHATPGTKTRAYLQEHGVQL   234
NTDB id 380 SMU RS01250 WP 002262749.1          HFVLDFPNIQQVINFAKTV.DYDVEASELFKESDAYHMTVLLNLEDKPDYYADLMFARMLEHAGRGTKTRAYLLEHGVQL   227
consensus                                        **! !* * *** !****  ***! !!**!* **!**!*!* **  !* !   * !!* !*!   * *!  !*! * *!

logo
NTDB id 286 KZH43 RS05975 WP 000782664.1        MSHDAVLNLQKIG..   245
NTDB id 285 SPD RS06395 WP 000782664.1          MSHDAVLNLQKIG..   245
NTDB id 284 SPR RS06100 WP 000782664.1          MSHDAVLNLQKIG..   245
NTDB id 283 SP RS06670 WP 000782668.1           MSHDAVLNLQKIG..   245
NTDB id 299 STER RS01050 WP 011680667.1         MEEDALPVLQATKWS   249
NTDB id 331 STU RS10485 WP 011225365.1          MEEDALPVLQATKWS   249
NTDB id 1020906 ABZ559 RS00760 WP 367006858.1   LLENAVENLRLIELV   249
NTDB id 380 SMU RS01250 WP 002262749.1          IKADALQELQMIG..   240
consensus                                       *  *!* *!* **
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X non conserved
X similar
X $\geq$50% conserved