```
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 174479 A2G56 RS05850 WP 062710284.1  MEMKQISETTLKITISMEDLEERGMELKDFLIPQEKTEEFFYTVMDELDLPDNFKNSGMLSFRVTPKKDRLDVFVTKSEI    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      KEDLDFNDLSD...MEDYSGLSPEEFLKALEDNFMDKG..DIEAHHKLEEHDKTLKEVDETMT......EPAKEVAEETI   149
NTDB id 331 STU RS10485 WP 011225365.1       KEALDFNDLSD...MEDYSGLSPEEFLKALEDNFMDKG..DIEAHHKLEEHDKTLKEVDETMT......EPAKEVAEETI   149
NTDB id 174479 A2G56 RS05850 WP 062710284.1  DKDLNLEDLAN...FGDVSQMSPDEFFKTLEKSMLEKG..DTEAHEKLKRMEDIVESAMSEMSSEPEATVAEAEDEDDTE   155
NTDB id 380 SMU RS01250 WP 002262749.1       NKNLNLEDLSD...FDDISKMSPEDFFNTLEETMREKG..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 174479 A2G56 RS05850 WP 062710284.1  NQSYTHYVLSFPSLKEAVIFSKAI.DFEIEASELYKLAGQYYMTILVGLENKPAYYANLVHARLLEHSQNAQKTRAYLQE   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 174479 A2G56 RS05850 WP 062710284.1  HGIRLIDGYAVAELEGIKVH   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