```
logo
NTDB id 48 STER RS01535 WP 011680720.1      MNLKDSIGLRIKTERERQQMSREVLCLDGAELTVRQLIRIEKGESLPSLDRLSYIAKRLGKSMTELLDQDNITIPDEYYE   80
NTDB id 321 STU RS10980 WP 011225448.1      MNIKDSIGLRIKTERERQQMSREVLCLDGAELTVRQLIRIEKGESLPSLDRLSYIAKRLGKSMTELLDQDNITIPDEYYE   80
NTDB id 469 HSISS4 RS01285 WP 021143546.1  MNIKDSIGLRIKTERERQQMSREVLCLDGAELTVRQLIRIEKGESLPSLDKLSYIAKRLGKNMTDLLDHDNITIPDEYYE   80
NTDB id 51 STRSA0001 RS01280 WP 002883753.1 MNIKDSIGLRIKTERELQQMSREVLCLDGAELTVRQLIRIEKGESLPSLDKLSYIAKRLGKSMTDLLDHDNITIPDEYYE   80
NTDB id 580 DLJ51 RS00275 WP 109982339.1   MTMKEVLGQRIKEERESKQISQKLLCGNGAALTVRQLQRIEHGQSLPTLEKLEFIARRLDLKTSDLLESVDVQLPEDYWA   80
NTDB id 1137907 DQM59 RS08590 WP 002262469.1 MTIKEDLGRRIKAERNRKQLTQSLLCGDETKLTIRQLQRIEGGQSLPTLEKLEFIADRLGTKIADLLEGSDIQLPDDYWE   80
NTDB id 579 DLJ51 RS00265 WP 109982338.1   MTIKADLGRRIKAERNRKKISQSSFCGDEEKLTIRQLQRIEHGQSLPTLEKLEFIADRLDIKMSDLLEGRNIQLPDDYWE   80
consensus                                  !**!***!*!!!*!!**********!*****!!*!!!*!!!*!*!!!*!**!**!!*!!** ***!!* *****!**!**

logo
NTDB id 48 STER RS01535 WP 011680720.1      MKNRLIKFPTYRNPDRIKSKLTLIEEVYEKFFDILPEEELLTLDILENILSFTSWEESPKVEEIYEDLFEQVKRKRKFST  160
NTDB id 321 STU RS10980 WP 011225448.1      MKNRLIKFPTYRNPDRIKSKLTLIEEVYEKFFDILPEEELLTLDILENILSFTSWEESPKVEEIYEDLFEQVKRKRKFST  160
NTDB id 469 HSISS4 RS01285 WP 021143546.1  MKNRLIKFPTYRNPERIKAKLALIEEVYEKFFELLPEEELLTLDILENILSFTSWEESPKVEEIYEDLFEQVKRKRKFST  160
NTDB id 51 STRSA0001 RS01280 WP 002883753.1 MKNRLIKFPTYRNPERIKAKLALIEEVYEKFFELLSEEELLTLDILENILSFTSWEESPKVEEIYEDLFEQVKRKKKFST  160
NTDB id 580 DLJ51 RS00275 WP 109982339.1   MKARIVKFPTYGEKERIQRKLDLINEVLVKYFDRLPEDELLFLDLSENILDRIHDKRIPNIEEIYDDAFEQVLKKKTFTF  160
NTDB id 1137907 DQM59 RS08590 WP 002262469.1 LKGQIVKFPTYADKERLQQKQELIEEIYDKYFDILPEDELLFLDLSENILDSFHEKDIPNIEEIYDDAFEQVLKKETFAF  160
NTDB id 579 DLJ51 RS00265 WP 109982338.1   MKARIVKFPTYGDEERIQQKQNLIDEIYDKYFDSLPEDELLFLDLSENILGGIHDKNIPDIEEIYDDAFDQVLKKERFDF  160
consensus                                  *!****!!!!!****!** !* !!*!***!*!**!*!*!!!*!!**!!!!********!**!!!!*!*!*!!**!**!**

logo
NTDB id 48 STER RS01535 WP 011680720.1      NDLLVIDYYFFHLYGRKQYDKKLFERIIKRVLNQEIWTDDVYNIVLFNDLMAIAALKIFHNSFSDFLTVVDKALAVIEKS  240
NTDB id 321 STU RS10980 WP 011225448.1      NDLLVIDYYFFHLYGRKQYDKKLFERIIKRVLNQEIWTDDVYNIVLFNDLMAIAALKIFHNSFSDFLTVVDKALAVIEKS  240
NTDB id 469 HSISS4 RS01285 WP 021143546.1  NDLLVIDYYFFHLYGRKQYDKKLFERIVKRVLNQEIWTDDVYNIVLFNDLMAIAALKIFHNSFSDFLTVVDKALAVIEKS  240
NTDB id 51 STRSA0001 RS01280 WP 002883753.1 NDLLVIDYYFFHLYGRKQYDKKLFERIVKRVLNQEIWTDDVYNIVLFNDLMAIAALKIFHNSFSDFLTVVDKALAVIEKS  240
NTDB id 580 DLJ51 RS00275 WP 109982339.1   NDYLYLSYFLQKCRNEASYDRKIFKQIEQKLLQQELSSDEFYNIEFLAAVMDAAAVYAFHDDYKDIMPLLKKIHWIIEQA  240
NTDB id 1137907 DQM59 RS08590 WP 002262469.1 NDYLYMSYFLQKCGKTADYDQTTFKLLEQKLLKQELTVDELYNIELLIAVMEASGVYALHNDYQNLLPLMKKAQRIIDKA  240
NTDB id 579 DLJ51 RS00265 WP 109982338.1   NDYLYLGYFLQQCRKDSDYDYKTFKKIEQKLLKQELLADDLYNIELLVTVMDAATVYAFHDDYGNIMPLLEKLNRIIDKA  240
consensus                                  !!*!***!**********!!***!*******!*!!***!**!!!******!*******!***********!****!***

logo
NTDB id 48 STER RS01535 WP 011680720.1      QLYSYKPSVFVLKAKYELLHKENKKEAAENYDKAIVFASVLEDSVLEESIKAGKLADGL..   299
NTDB id 321 STU RS10980 WP 011225448.1      QLYSYKPSVFVLKAKYELLHKENKKEAAENYDKAIMFASVLEDSVLEESIKAGKLADGL..   299
NTDB id 469 HSISS4 RS01285 WP 021143546.1  QFYSYKPSVFVLKAKYELLHKGNKKEAAENYNKAIMFASVLEDSVLEESIKAGKAADGL..   299
NTDB id 51 STRSA0001 RS01280 WP 002883753.1 QFYSYKPSVFVLKAKYELLHKGNKKEAAENYDKAIMFASVLEDSVLEESIRAGKAADGL..   299
NTDB id 580 DLJ51 RS00275 WP 109982339.1   QLHTYKAGVLELEAKYYVKIAKDKDRAKKLYQQALKLGEILEDPAIIADIKMEMKNDGIE.   300
NTDB id 1137907 DQM59 RS08590 WP 002262469.1 QLHTYKPPLLELEAKYYVKVVKDKKKAKELYQQALVMGEVLGDPVIIADVKMEMANDGID.   300
NTDB id 579 DLJ51 RS00265 WP 109982338.1   QLPTYKVGLLELEAKYYIKVVEDKEKAKELYQRALMLGDILDDPTIIADVKMEMKNDGIDE   301
consensus                                  !***!!*****!*!!!***** *!**!***!**!******!*!********** *!!*
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X non conserved

X similar

X ≥ 50% conserved