```
logo

NTDB id 321 STU RS10980 WP 011225448.1      MNIKDSIGLRIKTERERQQMSREVLCLDGAELTVRQLIRIEKGESLPSLDRLSYIAKRLGKSMTELLDQDNITIPDEYYE   80
NTDB id 48 STER RS01535 WP 011680720.1      MNLKDSIGLRIKTERERQQMSREVLCLDGAELTVRQLIRIEKGESLPSLDRLSYIAKRLGKSMTELLDQDNITIPDEYYE   80
NTDB id 178219 NX99 RS05525 WP 038675281.1  MNIKDSIGLRIKTERERQQMSREVLCLDGAELTVRQLIRIEKGESLPSLDKLSYIAKRLGKNMSDLLDHDNITIPDEYYE   80
NTDB id 469 HSISS4 RS01285 WP 021143546.1  MNIKDSIGLRIKTERERQQMSREVLCLDGAELTVRQLIRIEKGESLPSLDKLSYIAKRLGKNMTDLLDHDNITIPDEYYE   80
NTDB id 51 STRSA0001 RS01280 WP 002883753.1 MNIKDSIGLRIKTEREL QQMSREVLCLDGAELTVRQLIRIEKGESLPSLDKLSYIAKRLGKSMTDLLDHDNITIPDEYYE   80
NTDB id 579 DLJ51 RS00265 WP 109982338.1   MTIKADLGRRIKAERNRKKISQSSFCGDEEKLTIRQLQRIEHGQSLPTLEKLEFIADRLDIKMSDLLEGRNIQLPDDYWE   80
NTDB id 580 DLJ51 RS00275 WP 109982339.1   MTMKEVLGQRIKEERESKQISQKLLCGNGAALTVRQLQRIEHGQSLPTLEKLEFIARRLDLKTSDLLESVDVQLPEDYWA   80
consensus                                  !**!***!*!!!*!!*****!****!*****!!*!!!*!!!*!*!!!*!**!**!!*!!** ***!!* *****!**!**

logo

NTDB id 321 STU RS10980 WP 011225448.1      MKNRLIKFPTYRNPDRIKSKLTLIEEVYEKFFDILPEEELLTLDILENILSFTSWEESPKVEEIYEDLFEQVKRKRKFST  160
NTDB id 48 STER RS01535 WP 011680720.1      MKNRLIKFPTYRNPDRIKSKLTLIEEVYEKFFDILPEEELLTLDILENILSFTSWEESPKVEEIYEDLFEQVKRKRKFST  160
NTDB id 178219 NX99 RS05525 WP 038675281.1  MKNRLIKFPTYRNPERIKSKLALIEEVYEKFFELLPEEELLTLDILENILSFTNWEESPKVEEIYEDLFEQVKRKKKFST  160
NTDB id 469 HSISS4 RS01285 WP 021143546.1  MKNRLIKFPTYRNPERIKAKLALIEEVYEKFFELLPEEELLTLDILENILSFTSWEESPKVEEIYEDLFEQVKRKRKFST  160
NTDB id 51 STRSA0001 RS01280 WP 002883753.1 MKNRLIKFPTYRNPERIKAKLALIEEVYEKFFELLSEEELLTLDILENILSFTSWEESPKVEEIYEDLFEQVKRKKKFST  160
NTDB id 579 DLJ51 RS00265 WP 109982338.1   MKARIVKFPTYGDEERIQQKQNLIDEIYDKYFDSLPEDELLFLDLSENILGGIHDKNIPDIEEIYDDAFDQVLKKERFDF  160
NTDB id 580 DLJ51 RS00275 WP 109982339.1   MKARIVKFPTYGEKERIQRKLDLINEVLVKYFDRLPEDELLFLDLSENILDRIHDKRIPNIEEIYDDAFEQVLKKKTFTF  160
consensus                                  !!*!**!!!!!*****!!* !* !!*!***!*!**!*!*!!!*!!**!!!!********!**!!!!*!*!*!!**!**!**

logo

NTDB id 321 STU RS10980 WP 011225448.1      NDLLVIDYYFFHLYGRKQYDKKLFERIIKRVLNQEIWTDDVYNIVLFNDLMAIAALKIFHNSFSDFLTVVDKALAVIEKS  240
NTDB id 48 STER RS01535 WP 011680720.1      NDLLVIDYYFFHLYGRKQYDKKLFERIIKRVLNQEIWTDDVYNIVLFNDLMAIAALKIFHNSFSDFLTVVDKALAVIEKS  240
NTDB id 178219 NX99 RS05525 WP 038675281.1  NDLLVIDYYFFHLYGRKQFDKKLFERIVKRVLNQEIWTDDVYNIVLFNDLMAIAALKIFHNSFSDFLTVVDKALAVIEKS  240
NTDB id 469 HSISS4 RS01285 WP 021143546.1  NDLLVIDYYFFHLYGRKQYDKKLFERIVKRVLNQEIWTDDVYNIVLFNDLMAIAALKIFHNSFSDFLTVVDKALAVIEKS  240
NTDB id 51 STRSA0001 RS01280 WP 002883753.1 NDLLVIDYYFFHLYGRKQYDKKLFERIVKRVLNQEIWTDDVYNIVLFNDLMAIAALKIFHNSFSDFLTVVDKALAVIEKS  240
NTDB id 579 DLJ51 RS00265 WP 109982338.1   NDYLYLGYFLQQCRKDSDYDYKTFKKIEQKLLKQELLADDLYNIELLVTVMDAATVYAFHDDYGNIMPLLEKLNRIIDKA  240
NTDB id 580 DLJ51 RS00275 WP 109982339.1   NDYLYLSYFLQKCRNEASYDRKIFKQIEQKLLQQELSSDEFYNIEFLAAVMDAAAVYAFHDDYKDIMPLLKKIHWIIEQA  240
consensus                                  !!*!***!**********!*!*!**!****!*!!***!**!!!******!**!****!!************!****!***

logo

NTDB id 321 STU RS10980 WP 011225448.1      QLYSYKPSVFVLKAKYELLHKENKKEAAENYDKAIMFASVLEDSVLEESIKAGKLADGL..   299
NTDB id 48 STER RS01535 WP 011680720.1      QLYSYKPSVFVLKAKYELLHKENKKEAAENYDKAIVFASVLEDSVLEESIKAGKLADGL..   299
NTDB id 178219 NX99 RS05525 WP 038675281.1  QFYSYKPSVFVLKAKYELLHKGNKKKAAENYDKAIMFASVLEDSVLEESIKAGKAADGL..   299
NTDB id 469 HSISS4 RS01285 WP 021143546.1  QFYSYKPSVFVLKAKYELLHKGNKKEAAENYNKAIMFASVLEDSVLEESIKAGKAADGL..   299
NTDB id 51 STRSA0001 RS01280 WP 002883753.1 QFYSYKPSVFVLKAKYELLHKGNKKEAAENYDKAIMFASVLEDSVLEESIRAGKAADGL..   299
NTDB id 579 DLJ51 RS00265 WP 109982338.1   QLPTYKVGLLELEAKYYIKVVEDKEKAKELYQRALMLGDILDDPTIIADVKMEMKNDGIDE   301
NTDB id 580 DLJ51 RS00275 WP 109982339.1   QLHTYKAGVLELEAKYYVKIAKDKDRAKKLYQQALKLGEILEDPAIIADIKMEMKNDGIE.   300
consensus                                  !***!!*****!*!!!***** *!**!***!**!******!*!********** *!!*
```

X non conserved

X similar

X ≥ 50% conserved