```
logo

NTDB id 1124981 EQB39 RS08825 WP 010729308.1  MKTILTFIIVFGILVIVHEFGHFFFAKRSGILVREFAIGMGPKIYGHQAKDGTTYTLRLLPIGGYVRMAGNGDDETEMAP   80
NTDB id 291 STER RS01205 WP 011680685.1       MKAIITFLLIFCVIVVFHEFGHFFFAKRSGILVREFAIGMGPKIFAHTGKDGTVYTIRILPLGGYVRMAGWGEDTTEIKT   80
NTDB id 323 STU RS10650 WP 011225396.1        MKAIITFLLIFCVIVVFHEFGHFFFAKRSGILVREFAIGMGPKIFAHTGKDGTVYTIRILPLGGYVRMAGWGEDTTEIKT   80
consensus                                     !!*!*!!***!***!**!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!**!**!!!!*!!*!*!!*!!!!!!!!*!*!*!!***

logo

NTDB id 1124981 EQB39 RS08825 WP 010729308.1  GMPLSLLLNSDGIVEKINLSRKIQLTNAIPMELSRYDLEDELTITGYVNGDETEVVTYPVDHDATIIENDGTEIRIAPKD   160
NTDB id 291 STER RS01205 WP 011680685.1       GSPASLTLGKDGKVRRINLSDRQVDQTALPMNVTAYDLEDKLTITGLVLGET...KTYEVDHDATIVEEDGTELRIAPKD   157
NTDB id 323 STU RS10650 WP 011225396.1        GSPASLTLGKDGKVRRINLSDRQVDQTALPMNVTAYDLEDKLTITGLVLGET...KTYEVDHDATIVEEDGTELRIAPKD   157
consensus                                     !*!*!!*!**!!*!**!!!!*******!*!!****!!!!!*!!!!!*!*!**   *!!*!!!!!!!*!*!!!!*!!!!!!

logo

NTDB id 1124981 EQB39 RS08825 WP 010729308.1  VQFQSAKLWQRMLTNFAGPMNNFILAIVLFIILAFMQGGVQVTNTNRVGEIMPNGAAAEAGLKENDEVVSVDGKEIHSWN   240
NTDB id 291 STER RS01205 WP 011680685.1       VQYQNASIWGRLITNFAGPMNNFILGVLVFIILAFVQGGVQDTSTNLI.QVANGGAAQVSGLKTGDAIVAINKDKVTDWD   236
NTDB id 323 STU RS10650 WP 011225396.1        VQYQNASIWGRLITNFAGPMNNFILGVLVFIILAFVQGGVQDTSTNLI.QVANGGAAQVSGLKTGDAIVAINKDKVTDWD   236
consensus                                     !!*!*!**!*!**!!!!!!!!!!!!!****!!!!!!*!!!!!*!*!!** *****!!!***!!!**!**!*********!*

logo

NTDB id 1124981 EQB39 RS08825 WP 010729308.1  DLTTVITKNPGK.....TLDFKIER.EGQVQSVDVTPKSVESNGEKVGQLGIKAPMNTGFMDKIIGGTRQAFSGSLEIFK   314
NTDB id 291 STER RS01205 WP 011680685.1       SLKEALRENTQKFSKGDSLSVTVKRSNGQEETISVKPQ..ES..QGSYFLGVSPVLKTGLKDKIFGGFQMAWEGATAILA   312
NTDB id 323 STU RS10650 WP 011225396.1        SLKEALRENTQKFSKGDSLSVTVKRSNGQEETISVKPQ..KS..QGSYFLGVSPVLKTGLKDKIFGGFQMAWEGATAILA   312
consensus                                     *!******!**!******!*****!**!!*****!*!*  *!  *****!!******!!**!!!*!!***!**!***!**

logo

NTDB id 1124981 EQB39 RS08825 WP 010729308.1  ALGSLFTGFSLDKLGGPVMMYQLSSEAANQGVTTVISLMALLSMNLGIVNLLPIPALDGGKLVLNIFEGIRGKPLSQEKE   394
NTDB id 291 STER RS01205 WP 011680685.1       TLKGLITNFSLNKLGGPVAMFQMSAQASESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLNQEIE   392
NTDB id 323 STU RS10650 WP 011225396.1        TLKGLITNFSLNKLGGPVAMFQMSAQASESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLNQEIE   392
consensus                                     *!**!*!*!!!*!!!!!!*!*!*!**!***!******!!**!!*!!!!*!!*!!!!!!!!!!*!*!!*!*!!*!!!!*!!*!

logo

NTDB id 1124981 EQB39 RS08825 WP 010729308.1  GILTLAGFGFLMLLMVLVTWNDIQRFFF   422
NTDB id 291 STER RS01205 WP 011680685.1       SYITLAGVAVMVVLMIAVTWNDIMRAFF   420
NTDB id 323 STU RS10650 WP 011225396.1        SYITLAGVAVMVVLMIAVTWNDIMRAFF   420
consensus                                     ***!!!!******!!**!!!!!!*!*!!
```

X non conserved

X similar

X ≥ 50% conserved