```
logo

NTDB id 56839 NJAUSS RS09420 WP 012027845.1   MKGILAFIFIFGVIVVVHEFGHFYFAKKAGILVREFAIGMGPKIFAHTGKDGTLYTIRILPLGGYVRMAGWGEDKTEIKT   80
NTDB id 323 STU RS10650 WP 011225396.1        MKAIITFLLIFCVIVVFHEFGHFFFAKRSGILVREFAIGMGPKIFAHTGKDGTVYTIRILPLGGYVRMAGWGEDTTEIKT   80
NTDB id 291 STER RS01205 WP 011680685.1       MKAIITFLLIFCVIVVFHEFGHFFFAKRSGILVREFAIGMGPKIFAHTGKDGTVYTIRILPLGGYVRMAGWGEDTTEIKT   80
consensus                                     !!*!**!**!!*!!!!*!!!!!!*!!!**!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!*!!!!!

logo

NTDB id 56839 NJAUSS RS09420 WP 012027845.1   GSPASLSLNEAGVVTRINLSGKQLDSLSLPMNVTSFDFEEKLEITGLVLEESKTYKVDHDATIVEEDGTEVRIAPLDVQY   160
NTDB id 323 STU RS10650 WP 011225396.1        GSPASLTLGKDGKVRRINLSDRQVDQTALPMNVTAYDLEDKLTITGLVLGETKTYEVDHDATIVEEDGTELRIAPKDVQY   160
NTDB id 291 STER RS01205 WP 011680685.1       GSPASLTLGKDGKVRRINLSDRQVDQTALPMNVTAYDLEDKLTITGLVLGETKTYEVDHDATIVEEDGTELRIAPKDVQY   160
consensus                                     !!!!!!*!***!*!*!!!!!**!*!***!!!!!!**!*!*!!*!!!!!!*!*!!!*!!!!!!!!!!!!!!!*!!!!*!!!!

logo

NTDB id 56839 NJAUSS RS09420 WP 012027845.1   QNATVWGRLMTNFAGPMNNFILGILVFILLFFMQGGVANPSSNAVSITEGGALQAAGVVTGDKILSVNGNTTDSYTEVAT   240
NTDB id 323 STU RS10650 WP 011225396.1        QNASIWGRLITNFAGPMNNFILGVLVFIILAFVQGGVQDTSTNLIQVANGGAAQVSGLKTGDAIVAINKDKVTDWDSLKE   240
NTDB id 291 STER RS01205 WP 011680685.1       QNASIWGRLITNFAGPMNNFILGVLVFIILAFVQGGVQDTSTNLIQVANGGAAQVSGLKTGDAIVAINKDKVTDWDSLKE   240
consensus                                     !!!**!!!!*!!!!!!!!!!!!!!*!!!!*!*!*!!!!***!*!******!!!*!**!**!!!*!***!************

logo

NTDB id 56839 NJAUSS RS09420 WP 012027845.1   IISKAATDATTAPSFDL.VVEHDGKNRHVSVTAEQVDGAYRIGISPILKTGFVDKIVGGFQEAGATALRVVTALKNLIAN   319
NTDB id 323 STU RS10650 WP 011225396.1        ALRENTQKFSKGDSLSVTVKRSNGQEETISVKPQKSQGSYFLGVSPVLKTGLKDKIFGGFQMAWEGATAILATLKGLITN   320
NTDB id 291 STER RS01205 WP 011680685.1       ALRENTQKFSKGDSLSVTVKRSNGQEETISVKPQESQGSYFLGVSPVLKTGLKDKIFGGFQMAWEGATAILATLKGLITN   320
consensus                                     *************!****!****!*****!!***  **!*!**!*!!*!!!!**!!!*!!!!*!***!******!!*!!*!

logo

NTDB id 56839 NJAUSS RS09420 WP 012027845.1   FDVKQLGGPVAIYKVSSQAAEFGLVSVLGLMAALSINLGIFNLIPIPALDGGKIVMNILEAIRRKPLKPETESYITLAGV   399
NTDB id 323 STU RS10650 WP 011225396.1        FSLNKLGGPVAMFQMSAQASESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLNQEIESYITLAGV   400
NTDB id 291 STER RS01205 WP 011680685.1       FSLNKLGGPVAMFQMSAQASESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLNQEIESYITLAGV   400
consensus                                     !****!!!!!!****!*!!*!*!!*!*!*!!**!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 56839 NJAUSS RS09420 WP 012027845.1   AVMVVLMIVVTWNDIIRVFF   419
NTDB id 323 STU RS10650 WP 011225396.1        AVMVVLMIAVTWNDIMRAFF   420
NTDB id 291 STER RS01205 WP 011680685.1       AVMVVLMIAVTWNDIMRAFF   420
consensus                                     !!!!!!!!*!!!!!!*!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved