```
logo

NTDB id 387646 FOB78 RS10860 WP 000900647.1  MLGILTFIIIFGVIVVVHEFGHFYFAKKSGILVREFAIGMGPKIFSHIDKEGTTYTIRILPLGGYVRMAGWGDDKTEIKT   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 387646 FOB78 RS10860 WP 000900647.1  GTPASLTLNKEGIVTRINLSGKQLDNTSLPINVTAYDLEDKLTITGLVLSETKTYSVDHDATIIEEDGTEIRIAPLDMQY  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 387646 FOB78 RS10860 WP 000900647.1  QNASVWGRLITNFAGPMNNFILGLVVFIALAFIQGGVQDLSTNQVRVSENGPAASAGLKNNDRILQIGSHKVSNWEQLTA  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 387646 FOB78 RS10860 WP 000900647.1  AVEKSTRHLEKKQKLALKIKS.KEVVKTINVKPQKVDKSYIIGIMPALKTSFKDKLLGGLKLAWESFFRILNELKKLIAH  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 387646 FOB78 RS10860 WP 000900647.1  FSINKLGGPVALYQASSQAAKNGFVTVLNLMGLISINLGIMNLIPIPALDGGKIVMNILEAIRRKPLKQETETYITLAGV  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 387646 FOB78 RS10860 WP 000900647.1  AVMLVLMIAVTWNDIMRAFF   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