```
logo

NTDB id 106410 AABA19 RS01410 WP 000900660.1  MLGILTFILVFGIIVVVHEFGHFYFAKKSGILVREFAIGMGPKIFAHIGKDGTAYTIRILPLGGYVRMAGWGDDTTEIKT   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 106410 AABA19 RS01410 WP 000900660.1  GTPVSLTLADDGKVKRINLSGKKLDQTALPMQVTQFDFEDKLFIKGLVLEEEKTFAVDHDATVVEADGTEVRIAPLDVQY  160
NTDB id 291 STER RS01205 WP 011680685.1       GSPASLTLGKDGKVRRINLSDRQVDQTALPMNVTAYDLEDKLTITGLVLGETKTYEVDHDATIVEEDGTELRIAPKDVQY  160
NTDB id 323 STU RS10650 WP 011225396.1        GSPASLTLGKDGKVRRINLSDRQVDQTALPMNVTAYDLEDKLTITGLVLGETKTYEVDHDATIVEEDGTELRIAPKDVQY  160
consensus                                     !*!*!!!!**!!!!*!!!!!****!!!!!!!*!!**!*!!!!*!*!!!!*!*!!**!!!!!!*!!*!!!!*!!!!*!!!!

logo

NTDB id 106410 AABA19 RS01410 WP 000900660.1  QNATIWGKLITNFAGPMNNFILGVVVFWVLIFMQGGVRDVDTNQFHIMPQGALAKVGVPETAQITKIGSHEVSNWESLIQ  240
NTDB id 291 STER RS01205 WP 011680685.1       QNASIWGRLITNFAGPMNNFILGVLVFIILAFVQGGVQDTSTNLIQVANGGAAQVSGLKTGDAIVAINKDKVTDWDSLKE  240
NTDB id 323 STU RS10650 WP 011225396.1        QNASIWGRLITNFAGPMNNFILGVLVFIILAFVQGGVQDTSTNLIQVANGGAAQVSGLKTGDAIVAINKDKVTDWDSLKE  240
consensus                                     !!!*!!!*!!!!!!!!!!!!!!!!!!*!!**!*!*!!!!*!**!!*******!!****!******!**!****!**!*!!**

logo

NTDB id 106410 AABA19 RS01410 WP 000900660.1  AVETETKDKT.APTLDVTI.SEKGSDKQVTVTPEDSQGRYLLGVQPGVKSDFLSMFVGGFTTAADSALRILSALKNLIFQ  318
NTDB id 291 STER RS01205 WP 011680685.1       ALRENTQKFSKGDSLSVTVKRSNGQEETISVKPQESQGSYFLGVSPVLKTGLKDKIFGGFQMAWEGATAILATLKGLITN  320
NTDB id 323 STU RS10650 WP 011225396.1        ALRENTQKFSKGDSLSVTVKRSNGQEETISVKPQKSQGSYFLGVSPVLKTGLKDKIFGGFQMAWEGATAILATLKGLITN  320
consensus                                     !****!********!*!!*****!******!*!**!!!!*!*!!!*!**!********!!!**!***!**!!**!!*!!**

logo

NTDB id 106410 AABA19 RS01410 WP 000900660.1  PDLNKLGGPVAIFKASSDAAKNGIENILYFLAMISINIGIFNLIPIPALDGGKIVLNILEAIRRKPLKQEIETYVTLAGV  398
NTDB id 291 STER RS01205 WP 011680685.1       FSLNKLGGPVAMFQMSAQASESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLNQEIESYITLAGV  400
NTDB id 323 STU RS10650 WP 011225396.1        FSLNKLGGPVAMFQMSAQASESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLNQEIESYITLAGV  400
consensus                                     **!!!!!!!!!!*!**!**!***!***!!****!*!!!*!!!!!!!!!!!!!!!!!!!*!!*!!!!!!!!!*!!!!*!*!!!!!

logo

NTDB id 106410 AABA19 RS01410 WP 000900660.1  VIMVVLMIAVTWNDIMRLFFR   419
NTDB id 291 STER RS01205 WP 011680685.1       AVMVVLMIAVTWNDIMRAFF.   420
NTDB id 323 STU RS10650 WP 011225396.1        AVMVVLMIAVTWNDIMRAFF.   420
consensus                                     **!!!!!!!!!!!!!!!!*!!
```

X non conserved

X similar

X ≥ 50% conserved