```
logo
NTDB id 61553 SII RS08275 WP 020999183.1  MQAGIIGIVTFIIIFGIIVVVHEFGHFYFAKKSGILVREFSIGMGPKIFAHIGKDGTAYTIRMLPLGGYVRMAGWGEDSTEIKTG   85
NTDB id 323 STU RS10650 WP 011225396.1    ....MKAIITFLLIFCVIVVFHEFGHFFFAKRSGILVREFAIGMGPKIFAHTGKDGTVYTIRILPLGGYVRMAGWGEDTTEIKTG   81
NTDB id 291 STER RS01205 WP 011680685.1   ....MKAIITFLLIFCVIVVFHEFGHFFFAKRSGILVREFAIGMGPKIFAHTGKDGTVYTIRILPLGGYVRMAGWGEDTTEIKTG   81
consensus                                 ***!*!!**!!**!!!*!!!!!!*!!!!*!!!!!!!!*!!!!!!!!!!!*!!!!!*!!!!*!!!!!!!!!!!!!!!!!!*!!!!!!

logo
NTDB id 61553 SII RS08275 WP 020999183.1  TPASLSLNEAGKVIRINLSGKKIDQTALPMNVTSFDLENRLEIAGLVLDEQKTYAVDHDATIVEEDGTEIRIAPLDVQYQNASLG  170
NTDB id 323 STU RS10650 WP 011225396.1    SPASLTLGKDGKVRRINLSDRQVDQTALPMNVTAYDLEDKLTITGLVLGETKTYEVDHDATIVEEDGTELRIAPKDVQYQNASIW  166
NTDB id 291 STER RS01205 WP 011680685.1   SPASLTLGKDGKVRRINLSDRQVDQTALPMNVTAYDLEDKLTITGLVLGETKTYEVDHDATIVEEDGTELRIAPKDVQYQNASIW  166
consensus                                 *!!!!*!***!!!*!!!!!****!!!!!!!!!!**!!!**!*!*!!!!*!*!!!*!!!!!!!!!!!!!!!*!!!!*!!!!!!!!**

logo
NTDB id 61553 SII RS08275 WP 020999183.1  GRLITNFAGPMNNFILGIVAFLLLIFMQGGVADQHTNHVRILQGSVLAQAGVKNNDQILKVGQAEIKNWSDLTQAVQSETKASKG  255
NTDB id 323 STU RS10650 WP 011225396.1    GRLITNFAGPMNNFILGVLVFIILAFVQGGVQDTSTNLIQVANGGAAQVSGLKTGDAIVAINKDKVTDWDSLKEALRENTQKFSK  251
NTDB id 291 STER RS01205 WP 011680685.1   GRLITNFAGPMNNFILGVLVFIILAFVQGGVQDTSTNLIQVANGGAAQVSGLKTGDAIVAINKDKVTDWDSLKEALRENTQKFSK  251
consensus                                 !!!!!!!!!!!!!!!!!!!***!**!*!*!!!!*!**!!******!******!*!**!*!**********!**!**!****!*****

logo
NTDB id 61553 SII RS08275 WP 020999183.1  QAELTITVK.SGNKIQKLTVKPKKEQGRYLLGVMPGLKSDLPSMIAGGFSMAWNASFRIFAALKNLIFHPDINKLGGPVAIYKAS  339
NTDB id 323 STU RS10650 WP 011225396.1    GDSLSVTVKRSNGQEETISVKPQKSQGSYFLGVSPVLKTGLKDKIFGGFQMAWEGATAILATLKGLITNFSLNKLGGPVAMFQMS  336
NTDB id 291 STER RS01205 WP 011680685.1   GDSLSVTVKRSNGQEETISVKPQESQGSYFLGVSPVLKTGLKDKIFGGFQMAWEGATAILATLKGLITNFSLNKLGGPVAMFQMS  336
consensus                                 ***!**!!!*!********!!!***!!*!*!!!!*!*!!**!***!*!!!*!!!*****!*!*!!*!!*****!!!!!!!!****!

logo
NTDB id 61553 SII RS08275 WP 020999183.1  SDAAKGGLESVIALLAMLSLNIGIFNLIPIPALDGGKIVLNLLEAIRRKPLKQETETYVTLAGVAVMVVLLIAVTWNDIMRTFF  423
NTDB id 323 STU RS10650 WP 011225396.1    AQASESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLNQEIESYITLAGVAVMVVLMIAVTWNDIMRAFF  420
NTDB id 291 STER RS01205 WP 011680685.1   AQASESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLNQEIESYITLAGVAVMVVLMIAVTWNDIMRAFF  420
consensus                                 **!***!!*!***!**!!!*!*!!!!!!!!!!!!!!!!!!!*!**!!!!!!!!!!*!!*!*!*!!!!!!!!!!!!*!!!!!!!!!!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved