```
logo

NTDB id 60805 KE3 RS00795 WP 020916081.1   MLGIITFIIVFGILVIVHEFGHLYFAKKAGILVREFSIGMGPKIFSHFDKEGTAYTFRILPLGGYVRMAGWGDDTTEIKTGTPAS   85
NTDB id 323 STU RS10650 WP 011225396.1     MKAIITFLLIFCVIVVFHEFGHFFFAKRSGILVREFAIGMGPKIFAHTGKDGTVYTIRILPLGGYVRMAGWGEDTTEIKTGSPAS   85
NTDB id 291 STER RS01205 WP 011680685.1    MKAIITFLLIFCVIVVFHEFGHFFFAKRSGILVREFAIGMGPKIFAHTGKDGTVYTIRILPLGGYVRMAGWGEDTTEIKTGSPAS   85
consensus                                  !**!!!!***!***!**!!!!!**!!!**!!!!!!!*!!!!!!!!!*!**!*!!*!!*!!!!!!!!!!!!!!!!*!!!!!!!!*!!!

logo

NTDB id 60805 KE3 RS00795 WP 020916081.1   LSLNKDGLVTRINLSHKQLDNTALPMNVTSYDLEDKLEITGLVLDEQKTYTVHHDATIVEEDGTEIRIAPLDVQYQNATVWGRLM   170
NTDB id 323 STU RS10650 WP 011225396.1     LTLGKDGKVRRINLSDRQVDQTALPMNVTAYDLEDKLTITGLVLGETKTYEVDHDATIVEEDGTELRIAPKDVQYQNASIWGRLI   170
NTDB id 291 STER RS01205 WP 011680685.1    LTLGKDGKVRRINLSDRQVDQTALPMNVTAYDLEDKLTITGLVLGETKTYEVDHDATIVEEDGTELRIAPKDVQYQNASIWGRLI   170
consensus                                  !*!*!!!*!*!!!!!**!*!*!!!!!!!!*!!!!!!!*!!!!!!*!*!!!*!*!!!!!!!!!!!!*!!!!*!!!!!!!**!!!!*

logo

NTDB id 60805 KE3 RS00795 WP 020916081.1   TNFAGPMNNFILGTLAFILLVFMQGGVPNPSTNAVRVTDGGAMQAAGVKDGDKVLAVGDYKVSNWSELTEAVAKSTKGISKDTTI   255
NTDB id 323 STU RS10650 WP 011225396.1     TNFAGPMNNFILGVLVFIILAFVQGGVQDTSTNLIQVANGGAAQVSGLKTGDAIVAINKDKVTDWDSLKEALRENTQKFSKGDSL   255
NTDB id 291 STER RS01205 WP 011680685.1    TNFAGPMNNFILGVLVFIILAFVQGGVQDTSTNLIQVANGGAAQVSGLKTGDAIVAINKDKVTDWDSLKEALRENTQKFSKGDSL   255
consensus                                  !!!!!!!!!!!!!*!*!!*!*!*!!!!***!!!***!**!!!*!**!*!*!!***!****!!**!**!*!!****!***!!****

logo

NTDB id 60805 KE3 RS00795 WP 020916081.1   PVTVKDASGKTKTLDIKPVKNHGSYLIGVSSALKTGFWDKITGGFQMSWQSAMLILNALKGIVSNFSLDKLGGPVAMYQASSQAA   340
NTDB id 323 STU RS10650 WP 011225396.1     SVTVKRSNGQEETISVKPQKSQGSYFLGVSPVLKTGLKDKIFGGFQMAWEGATAILATLKGLITNFSLNKLGGPVAMFQMSAQAS   340
NTDB id 291 STER RS01205 WP 011680685.1    SVTVKRSNGQEETISVKPQESQGSYFLGVSPVLKTGLKDKIFGGFQMAWEGATAILATLKGLITNFSLNKLGGPVAMFQMSAQAS   340
consensus                                  *!!!!***!***!***!!****!!!**!!!**!!!!**!!!*!!!!!!*!**!**!!**!!!***!!!!*!!!!!!!!!*!*!*!!*

logo

NTDB id 60805 KE3 RS00795 WP 020916081.1   SYGLTSVINLLALLSINLGIVNLIPIPALDGGKILMNLIEIVRRKPLKQETETYVTLVGVVIMIILMIAVTWNDIMRVFF   420
NTDB id 323 STU RS10650 WP 011225396.1     ESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLNQEIESYITLAGVAVMVVLMIAVTWNDIMRAFF   420
NTDB id 291 STER RS01205 WP 011680685.1    ESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLNQEIESYITLAGVAVMVVLMIAVTWNDIMRAFF   420
consensus                                  **!!*!***!***!!!!!!!*!!!!!!!!!!!!!!*!!*!!**!!!!!*!!*!*!*!!*!!**!**!!!!!!!!!!!!!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved