```
logo
NTDB id 121175 DX05 RS09800 WP 000900646.1  MLGILTFIIIFGVIVVVHEFGHFYFAKKSGILVREFAIGMGPKIFSHIDKEGTTYTIRILPLGGYVRMAGWGDDKTEIKTGTPAN   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 121175 DX05 RS09800 WP 000900646.1  LTLNKEGIVTRINLSGKQLDNTSLPINVTAYDLEDKLTITGLVLSETKTYSVDHDATIIEEDGTEVRIAPLDVQYQNASVWGRLI  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 121175 DX05 RS09800 WP 000900646.1  TNFAGPMNNFILGLVVFIALAFIQGGVQDLSTNQVRVSENGPAASAGLKNNDRILQIGSHKVSNWEQLTAAVEKSTSRLEKNQKL  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 121175 DX05 RS09800 WP 000900646.1  ALKIKS.KEVVKTINVKPQKVDKSYIIGIMPALKTSFKDKLLGGFKLAWESFFRILNELKKLIAHFSINKLGGPVALYQASSQAA  339
NTDB id 323 STU RS10650 WP 011225396.1      SVTVKRSNGQEETISVKPQKSQGSYFLGVSPVLKTGLKDKIFGGFQMAWEGATAILATLKGLITNFSLNKLGGPVAMFQMSAQAS  340
NTDB id 291 STER RS01205 WP 011680685.1     SVTVKRSNGQEETISVKPQESQGSYFLGVSPVLKTGLKDKIFGGFQMAWEGATAILATLKGLITNFSLNKLGGPVAMFQMSAQAS  340
consensus                                   ****!*******!!*!!!!****!!**!**!*!!!**!!!**!!!**!!!****!!**!!*!!**!!*!!!!!!!!**!*!*!!*

logo
NTDB id 121175 DX05 RS09800 WP 000900646.1  KNGFVTVLNLMGLISINLGIMNLIPIPALDGGKIVMNILEAIRRKPLKQETETYIMLAGVAVMLVLMIAVTWNDIMRAFF  419
NTDB id 323 STU RS10650 WP 011225396.1      ESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLNQEIESYITLAGVAVMVVLMIAVTWNDIMRAFF  420
NTDB id 291 STER RS01205 WP 011680685.1     ESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLNQEIESYITLAGVAVMVVLMIAVTWNDIMRAFF  420
consensus                                   **!****!*!!!**!!!!!!*!!!!!!!!!!!!!!!!!!*!!!!!!!!*!!*!*!!*!!!!!!!*!!!!!!!!!!!!!!!!!
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X non conserved

X similar

X $\geq$ 50% conserved