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logo

NTDB id 61909 SIR RS18115 WP 021003245.1  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 61909 SIR RS18115 WP 021003245.1  TPASLSLNEAGKVIRINLSGKKIDQTALPMNVTSFDLENRLEITGLVLDEQKTYAVDHDATIVEEDGTEIRIAPLDVQYQNASLG  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 61909 SIR RS18115 WP 021003245.1  GRLITNFAGPMNNFILGIVAFLLLIFMQGGVADQHTNHVRILQGSALAQAGVKNNDQILKVGQAEIKNWSDLTQAVQSETKASKG  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 61909 SIR RS18115 WP 021003245.1  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 61909 SIR RS18115 WP 021003245.1  SDAAKGGLESVIALLAMLSLNIGIFNLIPIPALDGGKIVLNLLEAIRRKPLKQETETYVTLAGVAVMVVLLIAVTWNDIMRTFF  423
NTDB id 323 STU RS10650 WP 011225396.1    AQASESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLNQEIESYITLAGVAVMVVLMIAVTWNDIMRAFF  420
NTDB id 291 STER RS01205 WP 011680685.1   AQASESGLISILDLMGMLSINLGIFNLIPIPALDGGKIVMNIIEAIRRKPLNQEIESYITLAGVAVMVVLMIAVTWNDIMRAFF  420
consensus                                 **!***!!*!***!**!!!*!*!!!!!!!!!!!!!!!!!!!*!**!!!!!!!!!!*!!*!*!*!!!!!!!!!!!!*!!!!!!!!!!!*!!
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X non conserved

X similar

X $\geq$ 50% conserved