

logo

NTDB id 112331 A6L47 RS06915 WP 002248605.1  
NTDB id 1107 VT05 RS06875 WP 003693549.1  
consensus

MKQSARIKNMDQTLKNTLGI CALLAFCFGAAIASGYHLEYEYGYRYSAVGALASVWFLLLLARGFPRVSSVLLIYVGT  
MKQSARIKNMDQTLKNTLGI CALLAFCFGAAIASGYHLEYEYGYRYSAVGALASVWFLLLLARGFPRVSSVLLIYVGT  
\*\*\*\*\*

0  
80

logo

NTDB id 112331 A6L47 RS06915 WP 002248605.1  
NTDB id 1107 VT05 RS06875 WP 003693549.1  
consensus

ALYLPVGLWLYGAPSYQIVGSI LESNPAEAREFVGNLPGSLYFVQALFFIFGLTMEILCYGGVGFADVKNYKRRSKIWLTI  
ALYLPVGLWLYGAPSYQIVGSI LESNPAEAREFVGNLPGSLYFVQALFFIFGLTMEILCYGGVGFADVKNYKRRSKIWLTI  
\*\*\*\*\* !\* !!!!!!!!!!!!!!!!!!!!!

27  
160

logo

NTDB id 112331 A6L47 RS06915 WP 002248605.1  
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consensus

LLTLILSCAVMEKIASDKDLREPDAGLLLNIFDLYYDLASAPAQYAAKRAHILEAAKKASTWHIRHVAPKYKNYVVVIGE  
LLTLILSCAVMEKIASDKDLREPDAGLLLNIFDLYYDLASAPAQYAAKRAHILEAAKKASTWHIRHVAPKYKNYVVVIGE  
!!!!!!!!!!!!\*!!!! !!!!! !!!!!!!!!!!!!!!!!!!!!

107  
240

logo

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consensus

SARSDYMNWYGFPLPDTPFLSRTKGLLINGYQSTAHATNLSLPQTLGLPGEPNNNIVSLAKQAGFRTAWLSNQGMLGHFA  
SARSDYMNWYGFPLPDTPFLSRTKGLLINGYQSTAHATNLSLPQTLGLPGEPNNNIVSLAKQAGFRTAWLSNQGMLGHFA  
SARSDYMNWYGFPLPDTPFLSRTKGLLINGYQSTAHATNLSLPQTLGLPGEPNNNIVSLAKQAGFRTAWLSNQGMLGHFA  
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

187  
320

logo

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consensus

NEISTYALRSDYPWFTQRGDYGKSAGLSDRLLLPAFKRVLIGNAGTKPRLIVMHLMGSHSDFCTRLDKDARRFYQTEKI  
NEISTYALRSDYPWFTQRGDYGKSAGLSDRLLLPAFKRVLIGNAGTKPRLIVMHLMGSHSDFCTRLDKDARRFYQTEKI  
NEISTYALRSDYPWFTQRGDYGKSAGLSDRLLLPAFKRVLIGNAGTKPRLIVMHLMGSHSDFCTRLDKDARRFYQTEKI  
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

267  
400

logo

NTDB id 112331 A6L47 RS06915 WP 002248605.1  
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consensus

SCYVSTIAQTDKFLVETVKILNENKESWSLVYFSDHGLMHVGGKGGERTLTHGAWKRQSYGVPLVKISSDDTRREMIKVR  
SCYVSTIAQTDKFLVETVKILNENKESWSLVYFSDHGLMHVGGKGGERTLTHGAWKRQSYGVPLVKISSDDTRREMIKVR  
SCYVSTIAQTDKFLVETVKILNENKESWSLVYFSDHGLMHVGGKGGERTLTHGAWKRQSYGVPLVKISSDDTRREMIKVR  
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

347  
480

logo

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consensus

SAFNFLRFGFSWTGIETDELPDDGYDFWGNVDPVQEGNNLAFIDRQSDDPAPWYAGKGSATKNTSKK  
SAFNFLRFGFSWTGIETDELPDDGYDFWGNVDPVQEGNNLAFIDRQSDDPAPWYAGKGSATKNTSKK  
SAFNFLRFGFSWTGIETDELPDDGYDFWGNVDPVQEGNNLAFIDRQSDDPAPWYAGKGSATKNTSKK  
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

415  
548

 non conserved  
 similar  
  $\geq 50\%$  conserved