

logo

NTDB id 112799 A6L45 RS08010 WP 002248605.1
NTDB id 1107 VT05 RS06875 WP 003693549.1
consensus

MKQSARIKNMDQTLKNTLGICALLAFCFGAAIASGYHLEYEYGYRYSAVGALASVWFLLLLARGFPRVSSVLLIYVGTT
MKQSARIKNMDQTLKNTLGICALLAFCFGAAIASGYHLEYEYGYRYSAVGALASVVFLLLLARGFPRVSSVLLIYVGTT

0
80

logo

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NTDB id 1107 VT05 RS06875 WP 003693549.1
consensus

ALYLPVGWLYGAPSYQIVGSI LESNPAEAREFVGNLPGSLYFVQALFFIFGLTMEILCYGGVGFADVKNYKRRSKIWLTI
ALYLPVGWLYGAPSYQIVGSI LESNPAEAREFVGNLPGSLYFVQALFFIFGLTMEILCYGGVGFADVKNYKRRSKIWLTI
***** !* !!!!!!!!!!!!!!!!!!!!!

27
160

logo

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consensus

LLTLILSCAVMEKIASDKDLREPDAGLLLNIFDLYYDLASAPAQYAAKRAHILEAAKKASTWHIRHVAPKYKNYVVVIGE
LLTLILSCAVMEKIASDKDLREPDAGLLLNIFDLYYDLASAPAQYAAKRAHILEAAKKASTWHIRHVAPKYKNYVVVIGE
LLTLILSCAVMEKIASDKDLREPDAGLLLNIFDLYYDLASAPAQYAAKRAHILEAAKKASTWHIRHVAPKYKNYVVVIGE
!!!!!!!!!!!!*!!!!

107
240

logo

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consensus

SARSDYMNWYGFPLPDTPLSLRTKGLLINGYQSTAHATNLSLPQTLGLPGEPNNNIVSLAKQAGFRTAWLSNQGMLGHFA
SARSDYMNWYGFPLPDTPLSLRTKGLLINGYQSTAHATNLSLPQTLGLPGEPNNNIVSLAKQAGFRTAWLSNQGMLGHFA
SARSDYMNWYGFPLPDTPLSLRTKGLLINGYQSTAHATNLSLPQTLGLPGEPNNNIVSLAKQAGFRTAWLSNQGMLGHFA
!!

187
320

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NEISTYALRSDYPWFTQRGDYGKSAGLSDRLLLPAFKRVLIGNAGTKPRLIVMHLMGSHSDFCTRLDKDARRFYQTEKI
NEISTYALRSDYPWFTQRGDYGKSAGLSDRLLLPAFKRVLIGNAGTKPRLIVMHLMGSHSDFCTRLDKDARRFYQTEKI
NEISTYALRSDYPWFTQRGDYGKSAGLSDRLLLPAFKRVLIGNAGTKPRLIVMHLMGSHSDFCTRLDKDARRFYQTEKI
!!

267
400

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SCYVSTIAQTDKFLEDTVKILNENKESWSLVYFSDHGLMHVKGGERLTTHGEWKRQSYGVPLVKISSDDTRREMIKVRR
SCYVSTIAQTDKFLEDTVKILNENKESWSLVYFSDHGLMHVKGGERLTTHGEWKRQSYGVPLVKISSDDTRREMIKVRR
SCYVSTIAQTDKFLEDTVKILNENKESWSLVYFSDHGLMHVKGGERLTTHGEWKRQSYGVPLVKISSDDTRREMIKVRR
!!

347
480

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consensus

SAFNFLRGFGSWTGIETDELPDDGYDFWGNVPDVQEGNNLAFIDRQSDDPAPWYAGKGKSAKNTSKK
SAFNFLRGFGSWTGIETDELPDDGYDFWGNVPDVQEGNNLAFIDRQSDDPAPWYAGKGKSAKNTSKK
SAFNFLRGFGSWTGIETDELPDDGYDFWGNVPDVQEGNNLAFIDRQSDDPAPWYAGKGKSAKNTSKK
!!*!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

415
548

 non conserved
 similar
 $\geq 50\%$ conserved