

logo

NTDB id 108054 AACK07 RS15475 WP 071011594.1
NTDB id 1425 RS RS02020 WP 011000369.1
consensus

MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTE
MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTE
!!

80
80

logo

NTDB id 108054 AACK07 RS15475 WP 071011594.1
NTDB id 1425 RS RS02020 WP 011000369.1
consensus

SPPPAANGADHADTA~~E~~ASYENGSDFDSDYGTERSDWSLDDFARKPQSD~~E~~DDRAPMQLREAEP~~T~~QREFLMEQLAPLKLSPR
SPPPAANGADHADTA~~E~~ASYENGSDFDSDYGTERSDWSLDDFARKPQSD~~E~~DDRAPMQLREAEP~~T~~QREFLMEQLAPLKLSPR
SPPPAANGADHADTA~~E~~ASYENGSDFDSDYGTERSDWSLDDFARKPQSD~~E~~DDRAPMQLREAEP~~T~~QREFLMEQLAPLKLSPR
!!

160
160

logo

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consensus

DKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQLRQLDSPAKPLAL
DKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQLRQLDSPAKPLAL
DKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQLRQLDSPAKPLAL
!!

240
240

logo

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consensus

TIVNQHELLAARDYTRLKKALSVDDELKAAHELIRSLAPFPGHAFGRAEADFWP~~D~~WRKTAAGWMAQLNPDM~~P~~RL
TIVNQHELLAARDYTRLKKALSVDDELKAAHELIRSLAPFPGHAFGRAEADFWP~~D~~WRKTAAGWMAQLNPDM~~P~~RL
TIVNQHELLAARDYTRLKKALSVDDELKAAHELIRSLAPFPGHAFGRAEADFWP~~D~~WRKTAAGWMAQLNPDM~~P~~RL
!!

320
320

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consensus

RINDMYAQLRSSRGESGAANLQKQLQEARWLIKNIQQRFD~~T~~ILRVSQAI~~V~~ERQKSFFTHGEI~~A~~MRPLV~~L~~REI~~A~~DTLGLH
RINDMYAQLRSSRGESGAANLQKQLQEARWLIKNIQQRFD~~T~~ILRVSQAI~~V~~ERQKSFFTHGEI~~A~~MRPLV~~L~~REI~~A~~DTLGLH
RINDMYAQLRSSRGESGAANLQKQLQEARWLIKNIQQRFD~~T~~ILRVSQAI~~V~~ERQKSFFTHGEI~~A~~MRPLV~~L~~REI~~A~~DTLGLH
!!

400
400

logo

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consensus

ESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRI~~A~~E~~L~~LGEQGFVARRT
ESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRI~~A~~E~~L~~LGEQGFVARRT
ESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRI~~A~~E~~L~~LGEQGFVARRT
!!

480
480

logo

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consensus

VAKYREALKIPAVNLRKSL
VAKYREALKIPAVNLRKSL
VAKYREALKIPAVNLRKSL
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

499
499

 non conserved
 similar
 $\geq 50\%$ conserved