

logo

NTDB id 193672 BC350 RS05030 WP 064477487.1
NTDB id 1425 RS RS02020 WP 011000369.1
consensus

MKQSLQLRLSQHLALTPQLQSSIRLLQLSTIELQQEVEQAL TENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTE
MKQSLQLRLSQHLALTPQLQSSIRLLQLSTIELQQEVEQAL TENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTE
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

80
80

logo

NTDB id 193672 BC350 RS05030 WP 064477487.1
NTDB id 1425 RS RS02020 WP 011000369.1
consensus

SPPPAANGADHADTAEEASYENGSDFDSDYGTERSDWSLDDFARKPQSDDEDRAPMQLREAEPTQREFLMEQLAPLKLSPR
SPPPAANGADHADTAEEASYENGSDFDSDYGTERSDWSLDDFARKPQSDDEDRAPMQLREAEPTQREFLMEQLAPLKLSPR
SPPPAANGADHADTAEEASYENGSDFDSDYGTERSDWSLDDFARKPQSDDEDRAPMQLREAEPTQREFLMEQLAPLKLSPR
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

160
160

logo

NTDB id 193672 BC350 RS05030 WP 064477487.1
NTDB id 1425 RS RS02020 WP 011000369.1
consensus

DKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSPA KPLAL
DKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSPA KPLAL
DKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSPA KPLAL
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

240
240

logo

NTDB id 193672 BC350 RS05030 WP 064477487.1
NTDB id 1425 RS RS02020 WP 011000369.1
consensus

TIVNQHELELLAARDYTRLKKALSVDGELKAAHELIRSLAPFPGHAFGRAEADFWPDDVWRKTAAGWMAQLNPDVMPRL
TIVNQHELELLAARDYTRLKKALSVDGELKAAHELIRSLAPFPGHAFGRAEADFWPDDVWRKTAAGWMAQLNPDVMPRL
TIVNQHELELLAARDYTRLKKALSVDGELKAAHELIRSLAPFPGHAFGRAEADFWPDDVWRKTAAGWMAQLNPDVMPRL
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

320
320

logo

NTDB id 193672 BC350 RS05030 WP 064477487.1
NTDB id 1425 RS RS02020 WP 011000369.1
consensus

RINDMYAQILRSSRGESGAANLQKQLQEARWLIKNIQRFDTILRVSQAIVERQKSFTHGEIAMRPLVLEIADTLGLH
RINDMYAQILRSSRGESGAANLQKQLQEARWLIKNIQRFDTILRVSQAIVERQKSFTHGEIAMRPLVLEIADTLGLH
RINDMYAQILRSSRGESGAANLQKQLQEARWLIKNIQRFDTILRVSQAIVERQKSFTHGEIAMRPLVLEIADTLGLH
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

400
400

logo

NTDB id 193672 BC350 RS05030 WP 064477487.1
NTDB id 1425 RS RS02020 WP 011000369.1
consensus

ESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRI AELLGEQGFVARRT
ESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRI AELLGEQGFVARRT
ESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRI AELLGEQGFVARRT
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

480
480

logo

NTDB id 193672 BC350 RS05030 WP 064477487.1
NTDB id 1425 RS RS02020 WP 011000369.1
consensus

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

499
499

 non conserved
 similar
 $\geq 50\%$ conserved