

logo

NTDB id 242231 CJ082 RS14635 WP 075465400.1
NTDB id 1425 RS RS02020 WP 011000369.1
consensus

MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQAL TENPLLERENEWLDTSARIGVDGSV^SALQSSSATPPTE
MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQAL TENPLLERENEWLDTSARIGVDGSV^SALQSSSATPPTE
MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQAL TENPLLERENEWLDTSARIGADGSV^NALQSSSATPPTE
!!*!!!!

80
80

logo

NTDB id 242231 CJ082 RS14635 WP 075465400.1
NTDB id 1425 RS RS02020 WP 011000369.1
consensus

SPPP^SANGADHADTA EASYENGSDFDSDYGA^TERSDWSLDDFARKPQSD^EDDRAPMQLREAEPT^LREFLMEQLAPLKLSPR
SPPPSANGADHADTA EASYENGSDFDSDYGA^DERSDWSLDDFARKPQSD^EDDRAPMQLREAEPT^LREFLMEQLAPLKLSPR
SPPPANGADHADTA EASYENGSDFDSDYGA^TERSDWSLDDFARKPQSD^EDDRAPMQLREAEPT^LREFLMEQLAPLKLSPR
!!!! *!!*!!

160
160

logo

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consensus

DKGLVIFLIESLDDEGYLTGSLDEILADLPAAELEXELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSPA^KPLAL
DKGLVIFLIESLDDEGYLTGSLDEILADLPAAELEXELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSPA^KPLAL
DKGLVIFLIESLDDEGYLTGSLDEILADLPAAELEXELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSPA^KPLAL
!!

240
240

logo

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consensus

TI^VNQHLELLAARDYTRLKKALSVD^EGAL^KAAHELI^RSLAPFGHAFGR^AEAD^FVVPD^VWRKTAAG^WMAQLNPD^VMPRL
A^IVNQHLELLAARDYTRLKKALSVD^EGAL^KAAHELI^RSLAPFGHAFGR^AEAD^FVVPD^VWRKTAAG^WMAQLNPD^VMPRL
TI^VNQHLELLAARDYTRLKKALSVD^DGEL^KAAHELI^RSLAPFGHAFGR^AEAD^FVVPD^VWRKTAAG^WMAQLNPD^VMPRL
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!

320
320

logo

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consensus

RINDMYAQILRSSRGESGAANLQKQLQEARWLIKNIQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLR^EIADTLGLH
RINDMYAQILRSSRGESGAANLQKQLQEARWLIKNIQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLR^EIADTLGLH
RINDMYAQILRSSRGESGAANLQKQLQEARWLIKNIQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLR^EIADTLGLH
!!

400
400

logo

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consensus

ESTISRVTTNKYMATP^MGT^FELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRI^AE^LLGEQGFV^ARR
ESTISRVTTNKYMATP^LGT^FELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRI^AE^LLGEQGFV^ARR
ESTISRVTTNKYMATP^MGT^FELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRI^AE^LLGEQGFV^ARR
!!!!!!!!!!!!!!!!!!!!!!!!*!!

480
480

logo

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consensus

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

499
499

 non conserved
 similar
 $\geq 50\%$ conserved