

KVLVQRPGSHVRRQLSLLNRASISTHSFCLQVLRKYYWMLDLPFRFRIANQTENELKEEVLDDLEEEYGKGNTIFFELVD
 KVLIDEPGSQHVRKQLSLLNRASISTHSFCLQVIRGYYYMLDVPFRFRIANQTENELKEEVLDDILEEEYGIEDNTIFFELVD
 KELVQRPGSLHRRQLSLLNRASISTHSFCLQVLKKYYYLIDLPGFRIADQTEGELGDEVLDLEFEYAKG.EKAAFFELVD
 * * * * *

RYTSDRSDDLQRMVLQVYTYSRSSHNPNEKMLKESLVLVDVSGKSTLELVVYSYVLLEDYKMWLNTAKQKLRRAATELTMLPGGPA
RYTSDRSDDLQRMILALHTESRAHPNPEKWLDKLVEAYDVEGK.TIEDLVYASYLLEDYKFKQLETAEQHILRKATELAMLPDGP
RYTTDRHDLDLQFLVKQVYEYSRSSHNPNEAWLSEFVHLVDVSEKSAIEELPFYQYVKEDIAMVNLNGAKEKLLRLALELTKAPGGPA

PRIETLQDVALIGTSSHRESWTSLYKRVQNVSWQTLKRVKSEYNPDWVKQVTSLRNKAKKLVKKLQTEYFTRSPESHRS
 RADNFLALALTLDELIQAQDDFSELEAMPAFKRAAIGDDFDEALLDEADDLRNGAKDELEKLKEDLSRKQFLKDF
 PRIETLQADVALIGTLSSAARESWTSLYEAMQNVSWQTLKRIRKKS DYNEEDVVKQVDSL RNKAKKDE VKKLQEEELFSRKPESEFLRDF
 PRADNFLD LAQLIDELIQ.HQDDFSELYKRVPAVSFKRAKAVKGD EFDPALLEATD LRNGAKKLLEKLKTDYFTFTRSPEQHLKSL

[illegible]

QLVTSGSESTGNLFMVGDVKQSIYRFRLAEPGLFLSKYKRFTQSGSGTGRKIDLNKNFRSRHEYLDSTNFTFKQIMGSKYGEYDY
 KFTVTKDSESEGNLFMVGDVKQSIYRFRLAEPGLFLGKYKRFTQEGSGGGMKIDLAKNFRSRHEVLAGTNFTFKQIMGEEVGEIDY
 QLVTSGPEETGNLFMVGDVKQSIYRFRLAEPGLFLSKYKRFTESGEGTGRKIDLNKNFRSRADILDSNFTLFKQLMGKIGEVVDY

[illegible]

logo

NTDB id 142925 WR51 RS05805 WP 063546772.1
NTDB id 119 BSU 10630 NP 388944.2
consensus

679
674

logo

NTDB id 142925 WR51 RS05805 WP 063546772.1
NTDB id 119 BSU 10630 NP 388944.2
consensus

764
757

logo

NTDB id 142925 WR51 RS05805 WP 063546772.1
NTDB id 119 BSU 10630 NP 388944.2
consensus

849
842

logo

NTDB id 142925 WR51 RS05805 WP 063546772.1
NTDB id 119 BSU 10630 NP 388944.2
consensus

934
927

logo

NTDB id 142925 WR51 RS05805 WP 063546772.1
NTDB id 119 BSU 10630 NP 388944.2
consensus



1017
1009

logo

NTDB id 142925 WR51 RS05805 WP 063546772.1
NTDB id 119 BSU 10630 NP 388944.2
consensus



1100
1094

logo

NTDB id 142925 WR51 RS05805 WP 063546772.1
NTDB id 119 BSU 10630 NP 388944.2
consensus



1185
1178

logo

NTDB id 142925 WR51 RS05805 WP 063546772.1
NTDB id 119 BSU 10630 NP 388944.2
consensus



X non conserved
X similar
X ≥ 50% conserved