

RYTSDRSDLDLQRMVLQVYTYSRSHPNPEKWLDSLVEAYDVGK.TIEDLVYASYLLEDVKFQLETAEQHIRKATELAMLPDGPA  
RYTSDRSDLDLQFLVKQFYEYSRSHPNPEAWLSFSVHLVDVSEKSAIEELPFYQYVKEDIAMVLNGAKEKLRLALELTAKPGGPA  
\* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

Sequence logos for the 100 amino acid residues of the protein. The top sequence is the consensus sequence: P R I E T L Q D D L A Q L G T L S Q H R E S W T S V Y K R V Q N V S W Q T L K R V K K S E Y N P D L V K Q V T S L R N K A K K L V K K L Q T E Y F T R S P E S H L R S L. The bottom sequence is the average sequence: P R A D N F L D L A Q I D L I Q H Q D D F S S E L Y K R V P A V S F K R A K A V K G D E F D P A L L D E A T D L R N G A K K L L E K L K T D Y F T R S P E Q H L S L. Asterisks are placed below the average sequence at positions 1, 4, 7, 10, 13, 16, 19, 22, 25, 28, 31, 34, 37, 40, 43, 46, 49, 52, 55, 58, 61, 64, 67, 70, 73, 76, 79, 82, 85, 88, 91, 94, 97, 100.

[illegible]

QLVTSGSESTGNLFMVGDVKQSIYRFLAEPGLFLSKYKRFTQSGGTGRKIDLNKNFRSRHEYLDSTNFTFKQLMGSKYGEYDY  
 KFTVKDSESEGNLFMVGDVKQSIYRFLAEPGLFLGKYKRFTQEGLGGGMKIDLAKNFRSRHEVLAGTNFTFKQLMGEEVGEIDY  
 QLVTSGPEETGNLFMVGDVKQSIYRFLAEPGLFLSKYKRFTESGEGTGRKIDLNKNFRSRADILDSTNFTFKQLMGKIGVEDY  
 \* \* \* \* \*

594  
589

logo

NTDB id 111536 A16R RS06145 WP 000970458.1  
NTDB id 119 BSU 10630 NP 388944.2  
consensus

679  
674

logo

NTDB id 111536 A16R RS06145 WP 000970458.1  
NTDB id 119 BSU 10630 NP 388944.2  
consensus

764  
757

logo

NTDB id 111536 A16R RS06145 WP 000970458.1  
NTDB id 119 BSU 10630 NP 388944.2  
consensus

849  
842

logo

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NTDB id 119 BSU 10630 NP 388944.2  
consensus

934  
927

logo

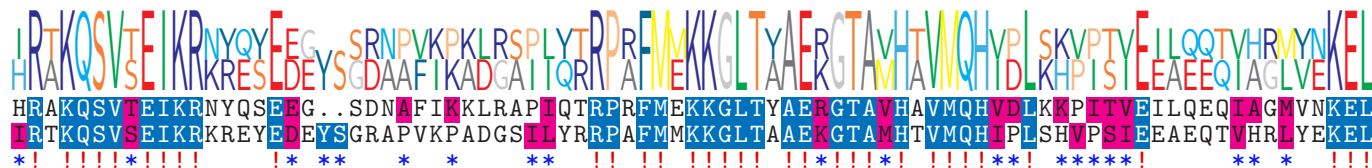
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NTDB id 119 BSU 10630 NP 388944.2  
consensus



1017  
1009

logo

NTDB id 111536 A16R RS06145 WP 000970458.1  
NTDB id 119 BSU 10630 NP 388944.2  
consensus



1100  
1094

logo

NTDB id 111536 A16R RS06145 WP 000970458.1  
NTDB id 119 BSU 10630 NP 388944.2  
consensus



1185  
1178

logo

NTDB id 111536 A16R RS06145 WP 000970458.1  
NTDB id 119 BSU 10630 NP 388944.2  
consensus



non conserved  
 similar  
 ≥ 50% conserved