

logo

NTDB id 211523 BUN12 RS07795 WP 013352827.1  
NTDB id 352 BSU 24240 NP 390304.2  
consensus

MAELS IKNF A I EEL T Y S F E R G L T V L T G E T G A G K S I I I D A Y S L L V G G R S S E F V R Y G E T A K A E L E G L F L L D S G H P V F E V C  
 MAELS IKNF A I EEL T Y S F E R G L T V L T G E T G A G K S I I I D A V S L L V G G R S S E F V R Y G E T K A E L E G L F L L D S G H P V F E V C  
 MAELS IKNF A I EEL T Y S F E R G L T V L T G E T G A G K S I I I D A I S L L V G G R S S E F V R Y G E A K A E L E G L F L L E S G H P V L G V C  
 \* \* \* \* \*

80  
80

logo

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160  
160

logo

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TVRQEGYQRYVKLLKKYKQLSESEQEMAHRLDLIQFQLEELISAKLELNEDQLQEERQKQISNFEKIYESLQNAVNALRSE  
 AYREGYDRYMKLLKKYKQLSESEQEMAHRLDLIQFQLEELISAKLELNEDQLQEERKQISNFEKIYESLQNAVNALRSE  
 TYQEGYQRYVKLLKKYKQLSESEQEMAHRLDLIQFQLEELISAKLELNEDQLQEERQKQISNFEKIYESLQNAVNALRSE

240  
240

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QGGLDVWGMSAQL<sup>ED</sup>ISDINEPL<sup>QK</sup>ISE<sup>SV</sup>SS<sup>SY</sup>YLLEDATFQMRN<sup>LD</sup>LE<sup>YF</sup>DPERLN<sup>YF</sup>ETRLNEIKQLKRKYGATV  
 QGGLDVWGMSAQL<sup>ED</sup>ISDINEPL<sup>QK</sup>ISE<sup>SV</sup>SS<sup>SY</sup>YLLEDATFQMRN<sup>LD</sup>LE<sup>YF</sup>DPERLN<sup>YF</sup>ETRLNEIKQLKRKYGATV  
 QGGLDVWGMSAQL<sup>ED</sup>ISDINEPL<sup>QK</sup>ISE<sup>SV</sup>SS<sup>SY</sup>YLLEDATFQMRN<sup>LD</sup>LE<sup>YF</sup>DPERLN<sup>YF</sup>ETRLNEIKQLKRKYGATV

320  
320

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EDILEY<sup>G</sup>SKI<sup>A</sup>EEEIDQIENRDSHL<sup>Q</sup>ETLKKEL<sup>E</sup>SVGKDVAVEAAN<sup>L</sup>SK<sup>Q</sup>IRK<sup>A</sup>TWAKKL<sup>A</sup>EE<sup>DA</sup>HR<sup>Q</sup>ELKS<sup>L</sup>LY<sup>M</sup>EG<sup>E</sup>KSTFDTEF<sup>K</sup>LV

EDILEY<sup>G</sup>SKI<sup>A</sup>EEEIDQIENRDSHL<sup>Q</sup>ETLKKEL<sup>E</sup>SVGKDVAVEAAN<sup>L</sup>SK<sup>Q</sup>IRK<sup>A</sup>TWAKKL<sup>A</sup>EE<sup>DA</sup>HR<sup>Q</sup>ELKS<sup>L</sup>LY<sup>M</sup>EG<sup>E</sup>KSTFDTEF<sup>K</sup>LV

EDILEY<sup>A</sup>SKI<sup>E</sup>EEEIDQIENRDSHL<sup>Q</sup>SLKKEL<sup>E</sup>SVGKDVAVEAAN<sup>V</sup>SK<sup>Q</sup>IRK<sup>T</sup>WAKKL<sup>A</sup>EE<sup>DA</sup>HR<sup>Q</sup>ELKS<sup>L</sup>LY<sup>M</sup>EG<sup>E</sup>KSTFDTEF<sup>K</sup>V

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400  
400

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R T D S S N E A P Y V N G Q P V Q L T K Q G I D L V K F L I S T N T G E P L K S L S K V A S G G E L S R V M L A I K S I F S S Q Q D V T S I I F D E V D T G V  
K I A P R A D E A P Y V N G Q P V Q L T E K G I D L V K F L I S T N T G E P L K P L S K V A S G G E L S R V M L A I K S I F S S Q Q D V T S I I F D E V D T G V

K T D P S A D E A P Y V N G Q P V Q L T K Q G I D L V K F L I S T N T G E P L K P L S K V A S G G E L S R V M L A I K S I F S S Q Q D V T S I I F D E V D T G V  
R T A S R N E A P L V N G Q P V Q L T E Q G I D L V K F L I S T N T G E P L K S L S K V A S G G E L S R V M L A I K S I F S S Q Q D V T S I I F D E V D T G V

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480  
480

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SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKELKDGRITTHVTPLSQKQKVAEIGRMIAGVEVTDLTKR  
 SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKELKDGRITTHVTPLSQKQKVAEIGRMIAGVEVTDLTKR  
 SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKELKDGRITTHVTPLSQKQKVAEIGRMIAGVEVTDLTKR

560  
560

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consensus

HAKELLKQAGQVKTTG

HAKELLKQADQVKTTG

!!!!!!!!!!

576

576

- X

non conserved
- X

similar
- X

≥ 50% conserved