

logo

NTDB id 981601 NYE38 RS11935 WP 007408359.1
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 V S L L V G G R G 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 V S L L V G G R G 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 V S L L V G G R G 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
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80
80

logo

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consensus

160
160

logo

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consensus

TVHGEVRYVLLKKYKQLSESEQEMAHRLDLIQFQLEELISAKLELNEDQLQEERQISNFEKIYESLQNAVNALRSE
 AYHGEVRYMVKLLKKYKQLSESEQEMAHRLDLIQFQLEELISAKLELNEDQLQEERKQISNFEKIYESLQNAVNALRSE
 TYQEGYQRYVVKLLKKLKQLSESEQEMAHRLDLIQFQLEELISAKLELNEDQLQEERQISNFEKIYESLQNAVNALRSE
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240
240

logo

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QGGLDWVGMSAQL^{ED}ISDINEPL^{QK}MS^{ES}VS^{SS}SY^{LL}EDATFQMRN^{ML}LD^{LE}Y^FDPERL^{NY}ETRLNEIKQLKRKYGATV
 QGGLDWVGMSAQL^{ED}ISDINEPL^{QK}MS^{ES}VS^{SS}SY^{LL}EDATFQMRN^{ML}LD^{LE}Y^FDPERL^{NY}ETRLNEIKQLKRKYGATV
 QGGLDWVGMSAQL^{ED}ISDINEPL^{QK}MS^{ES}VS^{SS}SY^{LL}EDATFQMRN^{ML}LD^{LE}Y^FDPERL^{NY}ETRLNEIKQLKRKYGATV

320
320

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EDILEY^GSKI^AEEEIDQIENRDSHL^QSEAL^ELKKEL^DSVGKDVAVEAAN^LSK^QIRK^ATWAKKL^AEE^DIR^HRELKSLY^MMEKSTFDTEF^KLV

EDILEY^GSKI^AEEEIDQIENRDSHL^QSEAL^ELKKEL^DSVGKDVAVEAAN^LSK^QIRK^ATWAKKL^AEE^DIR^HRELKSLY^MMEKSTFDTEF^KLV

EDILEY^ASKI^AEEEIDQIENRDSHL^QSEAL^ELKKEL^DSVGKDVAVEAAN^LSK^QIRK^ATWAKKL^AEE^DIR^HRELKSLY^MMEKSTFDTEF^KLV

400
400

logo

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R T D S S N S E A P 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 M 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 E E A P 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 M 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 S E A P V N G Q P V Q L T Q 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 M 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 E A P 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 M 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

logo

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consensus

SGRVAQAIAEKIHKVS^TGSQVLCITHLPQVAAMADTHLYIAKE^FKDGR^{TTT}RV^kPLSKQ^DEVKVAEIGRM^IAGVEVTDLT^{KR}
 SGRVAQAIAEKIHKVS^TGSQVLCITHLPQVAAMADTHLYIAKE^FKDGR^{TTT}RV^kPLSKQ^DEVKVAEIGRM^IAGVEVTDLT^{KR}
 SGRVAQAIAEKIHKVS^TGSQVLCITHLPQVAAMADTHLYIAKE^LKDGR^{TTT}RV^kPLSKQ^DEVKVAEIGRM^IAGVEVTDLT^{KR}

560
560

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consensus

HAQELLKQAGQVKTTG

HAQELLKQAGQVKTTG

HAQELLKQADQVKTTG

!! !!!!!!! !!!!!!!

576

576

- X

non conserved
- X

similar
- X

≥ 50% conserved