

logo

NTDB id 299117 DOU34 RS10620 WP 061046623.1
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
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80
80

logo

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consensus

160
160

logo

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consensus

A V H E G V R Y M L L K K Y K Q L S E S E Q E M A H R L D L I Q F Q L E E I E S A K L E L N E D E L Q E E R K Q I S N F E K I Y E S L Q N A Y N A L R S E
 A V H E G V R Y M L L K K Y K Q L S E S E Q E M A H R L D L I Q F Q L E E I E S A K L E L N E D E L Q E E R K Q I S N F E K I Y E S L Q N A Y N A L R S E
 T Y C E G Y Q R Y Y K L L K K I K Q L S E S E Q E M A H R L D L I Q F Q L E E I E S A K L E L N E D E L Q E E R Q Q I S N F E K I Y E S L Q N A Y N A L R S E
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240
240

logo

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consensus

QGGLDWVGMSAQL¹ED²ISD³INEPL⁴Q⁵K⁶SESVSNSYYL⁷EDATFQMRN⁸L⁹LD¹⁰L¹¹E¹²Y¹³DPERLN¹⁴F¹⁵IETRLNEIKQLKRKYGATV
 QGGLDWVGMSAQL¹ED²ISD³INEPL⁴Q⁵K⁶SESVSNSYYL⁷EDATFQMRN⁸L⁹LD¹⁰L¹¹E¹²Y¹³DPERLN¹⁴F¹⁵IETRLNEIKQLKRKYGATV
 QGGLDWVGMSAQL¹ED²ISD³INEPL⁴Q⁵K⁶SESVSNSYYL⁷EDATFQMRN⁸L⁹LD¹⁰L¹¹E¹²Y¹³DPERLN¹⁴F¹⁵IETRLNEIKQLKRKYGATV

320
320

logo

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EDILEY^GSKI^AEEEIDQIENRDSHL^QSEAL^ELKKEL^DSVGKDVAVEAAN^LYS^QIRK^ATWAKKL^AEE^DIR^HRELKSLYMEKSTFDTEF^LV

EDILEY^GSKI^AEEEIDQIENRDSHL^QSEAL^ELKKEL^DSVGKDVAVEAAN^LYS^QIRK^ATWAKKL^AEE^DIR^HRELKSLYMEKSTFDTEF^LV

EDILEY^ASKI^AEEEIDQIENRDSHL^QSEAL^ELKKEL^DSVGKDVAVEAAN^LYS^QIRK^ATWAKKL^AEE^DIR^HRELKSLYMEKSTFDTEF^LV

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

SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKEFKDGRTTTHVPLSKQDKVAEIGRMIAGVEVTDLTR
 SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKEFKDGRTTTHVPLSKQDKVAEIGRMIAGVEVTDLTR
 SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKEFKDGRTTTHVPLSKQDKVAEIGRMIAGVEVTDLTR

560
560

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consensus

HAQELLKQAGQVKTTG

HAQELLKQAGQVKTTG

HAQELLKQADQVKTTG

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

576

576

- X

non conserved
- X

similar
- X

≥ 50% conserved