

logo

NTDB id 285044 DA378 RS19410 WP 003153174.1
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
 AYHGEVRYMKLLKKYKQLSESEQEMAHRLDLIQFQLEELISAKLELNEDQLQEERKQISNFEKIYESLQNAVNALRSE
 TYQEGYQRYVLLKKLKLSESEQEMAHRLDLIQFQLEELISAKLELNEDQLQEERQQISNFEKIYESLQNAVNALRSE
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240
240

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QGGLDWVGMSAQL¹ED²ISD³INEPL⁴Q⁵K⁶SES⁷V⁸S⁹SY¹⁰LL¹¹ED¹²AT¹³FQ¹⁴M¹⁵R¹⁶N¹⁷L¹⁸LD¹⁹LE²⁰Y²¹F²²DP²³ER²⁴L²⁵N²⁶Y²⁷I²⁸ET²⁹R³⁰L³¹NE³²I³³K³⁴Q³⁵L³⁶K³⁷R³⁸K³⁹Y⁴⁰G⁴¹A⁴²T⁴³V⁴⁴

QGGLDWVGMSAQL¹ED²ISD³INEPL⁴Q⁵K⁶SES⁷V⁸S⁹SY¹⁰LL¹¹ED¹²AT¹³FQ¹⁴M¹⁵R¹⁶N¹⁷L¹⁸LD¹⁹LE²⁰Y²¹F²²DP²³ER²⁴L²⁵N²⁶Y²⁷I²⁸ET²⁹R³⁰L³¹NE³²I³³K³⁴Q³⁵L³⁶K³⁷R³⁸K³⁹Y⁴⁰G⁴¹A⁴²T⁴³V⁴⁴

QGGLDWVGMSAQL¹ED²ISD³INEPL⁴Q⁵K⁶SES⁷V⁸S⁹SY¹⁰LL¹¹ED¹²AT¹³FQ¹⁴M¹⁵R¹⁶N¹⁷L¹⁸LD¹⁹LE²⁰Y²¹F²²DP²³ER²⁴L²⁵N²⁶Y²⁷I²⁸ET²⁹R³⁰L³¹NE³²I³³K³⁴Q³⁵L³⁶K³⁷R³⁸K³⁹Y⁴⁰G⁴¹A⁴²T⁴³V⁴⁴

320
320

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EDILEY^GSKI^AEEEIDQIENRDSHL^QSEAL^ELKKEL^DSVGKDVAVEAAN^LYS^QIRK^ATWAKKL^AEE^DIR^QEL^KSLY^MEKSTFDTEF^KLV

EDILEY^GSKI^AEEEIDQIENRDSHL^QSEAL^ELKKEL^DSVGKDVAVEAAN^LYS^QIRK^ATWAKKL^AEE^DIR^QEL^KSLY^MEKSTFDTEF^KLV

EDILEY^ASKI^EEEEIDQIENRDSHL^QSEAL^ELKKEL^DSVGKDVAVEAAN^VYS^QIRK^TWAKKL^AEE^DIR^QEL^KSLY^MEKSTFDTEF^KV

400
400

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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

SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKEFKDGRTTTHVPLSKQDKVAEIGRMIAGVEVTDLTKR
 SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKEFKDGRTTTHVPLSKQDKVAEIGRMIAGVEVTDLTKR
 SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKEFKDGRTTTHVPLSKQDKVAEIGRMIAGVEVTDLTKR

560
560

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consensus

HAQELLKQAGQVKTTG

HAQELLKQAGQVKTTG

HAQELLKQADQVKTTG

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

576

576

- X

non conserved
- X

similar
- X

≥ 50% conserved