

logo

NTDB id 217390 BZ167 RS17735 WP 015417799.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

MLAELS IKNFAI I EELT ySFERGLTVLTGETGAGK S I I I D a y 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
MLAELS IKNFAI I EELT ySFERGLTVLTGETGAGK S I I I D a y 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
MLAELS IKNFAI I EELT ySFERGLTVLTGETGAGK S I I I D a y 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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consensus

R EQGID ASDMIVMRRD STSGKSVCRVNGKLVTTIA SLREIGRLLLDIHGQHDNQLLMEDENHLQLLDRFAGAEVESALQ
 A EQGID ASDMIVMRRD STSGKSVCRVNGKLVTTIA SLREIGRLLLDIHGQHDNQLLMEDENHLQLLDRFAGAEVESALQ
 R EQGID ASDMIVMRRD STSGKSVCRVNGKLVTTIA SLREIGRLLLDIHGQHDNQLLMEDENHLQLLDRFAGAEVESALQ
 A EQGID ASDMIVMRRD STSGKSVCRVNGKLVTTIA SLREIGRLLLDIHGQHDNQLLMEDENHLQLLDRFAGAEVESALQ

160
160

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A Y H E G V E R Y M K L L K K Y K K 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 Y H E G V E R Y M K L L K K Y K K 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 Q E G V Q R Y Y K L L K K 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

QGGLDVWGMSAQL¹EDISDINEPL²L³Q⁴K⁵SESVS⁶SS⁷SYLL⁸EDATFQMRN⁹L¹⁰LD¹¹LE¹²Y¹³DPERLN¹⁴Y¹⁵ETRLNEIKQLKRKYGATV
 QGGLDVWGMSAQL¹EDISDINEPL²L³K⁴SESVS⁶SS⁷SYLL⁸EDATFQMRN⁹L¹⁰LD¹¹LE¹²Y¹³DPERLN¹⁴F¹⁵IETRLNEIKQLKRKYGATV
 QGGLDVWGMSAQL¹EDISDINEPL²L³K⁴SESVS⁶SS⁷SYLL⁸EDATFQMRN⁹L¹⁰LD¹¹LE¹²Y¹³DPERLN¹⁴Y¹⁵IETRLNEIKQLKRKYGATV
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320
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consensus

EDILEY^GSKIEEEIDQENRDSHL^{QS}EA^{EA}LKKEL^BSVGKDVAVEAAN^YSK^QIRK^AWAKKL^AEE^{DA}HR^QELKSLY^{ME}KGSTFDTEF^kV

EDILEY^GSKIEEEIDQENRDSHL^{QS}EA^{EA}LKKEL^BSVGKDVAVEAAN^YSK^QIRK^AWAKKL^AEE^{DA}HR^QELKSLY^{ME}KGSTFDTEF^kV

EDILEY^{*}ASKIEEEIDQENRDSHL^{QS}EA^{*}LKKEL^{*}SVGKDVAVEAAN^{*}SK^{*}IRK^{*}WAKKL^{*}EE^{*}HR^{*}ELKSLY^{*}ME^{*}KGSTFDTEF^kV

400
400

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R T D S S N S E A P V L 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 T D P S A S E A P V V D 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 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

logo

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consensus

560
560

logo

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NTDB id 352 BSU 24240 NP 390304.2

consensus

HAQELLKQAGQVKTTG

HAQELLKQAGQVKTTG

HAQELLKQADQVKTTG

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

576

576

- X

non conserved
- X

similar
- X

≥ 50% conserved