

logo

NTDB id 419197 GWK37 RS01300 WP 007408359.1
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 NAGTSGKSVCRVNGKLVTTIA ALREIGRLLLDIHGQHDNQLLMEDDKHLELLDRFAGAEVESALQ
 A EQGID VSDMIVMRRD STSGKSVCRVNGKLVTTIAS LREIGRLLLDIHGQHDNQLLMEDENHLQLLDRFAGAEVESALQ

160
160

logo

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consensus

TVQEGVQRYMKLLKKYKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDQLQEERQKQISNFEKIYESLQNAVNALRSE
 AYHEGYERYMKLLKKYKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDQLQEERKQISNFEKIYESLQNAVNALRSE
 TYQEGVQRYMKLLKKYKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDQLQEERQKQISNFEKIYESLQNAVNALRSE
 * * *

240
240

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consensus

QGGLDVWGMSAQL¹EDISDINEPL²L³Q⁴K⁵SES⁶VS⁷SS⁸YYLLEDATFQMRN⁹MLD¹⁰LE¹¹Y¹²DPERLN¹³Y¹⁴ETRLNEIKQLKRKYGATV
 QGGLDVWGMSAQL¹EDISDINEPL²L³K⁴SES⁶VS⁷SS⁸YYLLEDATFQMRN⁹MLD¹⁰LE¹¹Y¹²DPERLN¹³Y¹⁴ETRLNEIKQLKRKYGATV
 QGGLDVWGMSAQL¹EDISDINEPL²L³K⁴SES⁶VS⁷SS⁸YYLLEDATFQMRN⁹MLD¹⁰LE¹¹Y¹²DPERLN¹³Y¹⁴ETRLNEIKQLKRKYGATV
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320
320

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consensus

EDILEY^GSKIEEEIDQENRDSHL^{QS}EAL^{EA}LKKELE^{ES}VCKDVAVEAAN^YSK^QIRK^{TA}WAKKL^{AD}EE^{HR}ELKSLY^{ME}KTSTFDEF^kLV

EDILEY^GSKIEEEIDQENRDSHL^{QS}EAL^{EA}LKKELE^{ES}VCKDVAVEAAN^YSK^QIRK^{TA}WAKKL^{AD}EE^{HR}ELKSLY^{ME}KTSTFDEF^kLV

EDILEY^GSKIEEEIDQENRDSHL^{QS}EAL^{EA}LKKELE^{ES}VCKDVAVEAAN^YSK^QIRK^{TA}WAKKL^{AD}EE^{HR}ELKSLY^{ME}KTSTFDEF^kLV

400
400

logo

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

480
480

logo

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consensus

SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKEFKDGRITTHVTKPLSKQDKVAEIGRMIAGVEVTDLTKR
SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKEFKDGRITTHVTKPLSKQDKVAEIGRMIAGVEVTDLTKR
SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKEFKDGRITTHVTKPLSKQDKVAEIGRMIAGVEVTDLTKR

560
560

logo

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consensus

HAQELLKQAGQVKTTG

HAQELLKQAGQVKTTG

HAQELLKQADQVKTTG

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

576

576

- X

non conserved
- X

similar
- X

≥ 50% conserved