

logo

NTDB id 246161 CMV18 RS09055 WP 032874060.1
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 D 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 D 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 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
 A EQGID VSDMIVMRRD STSGKSVCRVNGKLVTTIA SLREIGRLLLDIHGQHDNQLLMEDENHLQLLDRFAGAEVESALQ

160
160

logo

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consensus

TVQEGVQRYVYKLLKKYKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDQLQEERKQISNFEKIYESLQNAVNALRSE
 AYHHEGYERYMKLLKKYKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDQLQEERKQISNFEKIYESLQNAVNALRSE
 TYQEGVQRYVYKLLKKYKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDQLQEERKQISNFEKIYESLQNAVNALRSE
 * * *

240
240

logo

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QGGLDVWGMSAQL¹EDISDINEPL²L³Q⁴K⁵SESVS⁶SS⁷SYLL⁸EDATFQMRN⁹L¹⁰LD¹¹L¹²E¹³Y¹⁴DPERLN¹⁵Y¹⁶ETRLNEIKQLKRKYGATV

QGGLDVWGMSAQL¹EDISDINEPL²L³Q⁴K⁵SESVS⁶SS⁷SYLL⁸EDATFQMRN⁹L¹⁰LD¹¹L¹²E¹³Y¹⁴DPERLN¹⁵Y¹⁶ETRLNEIKQLKRKYGATV

QGGLDVWGMSAQL¹EDISDINEPL²L³Q⁴K⁵SESVS⁶SS⁷SYLL⁸EDATFQMRN⁹L¹⁰LD¹¹L¹²E¹³Y¹⁴DPERLN¹⁵Y¹⁶ETRLNEIKQLKRKYGATV

320
320

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EDILEY^GSKIEEEIDQENRDSHL^{QS}EAL^{EA}LKKE^{LD}SVGKDVAVEAAN^{YS}Q^{SK}IRK^{TA}WAKKL^{AD}EE^{HA}IR^{EQ}ELKSLY^{ME}MKSTFDTEF^kLV

EDILEY^GSKIEEEIDQENRDSHL^{QS}EAL^{EA}LKKE^{LD}SVGKDVAVEAAN^{YS}Q^{SK}IRK^{TA}WAKKL^{AD}EE^{HA}IR^{EQ}ELKSLY^{ME}MKSTFDTEF^kLV

EDILEY^{*}ASKIEEEIDQENRDSHL^{QS}LKKE^{*}SVGKDVAVEAAN^{YS}Q^{*}IRK^{*}TWAKKL^{*}AD^{*}EE^{*}IR^{*}ELKSLY^{*}ME^{*}MKSTFDTEF^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 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 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 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

* * * * *

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