

logo

NTDB id 290038 DDT10 RS11605 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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R EQGID ASD^{*}MIVMRRD^{*}STSGKSVCRVNGKLV^{*}TIAS^{*}ALREIGRLLLDIHGQHDNQLLMED^{*}ENHL^{*}QLLD^{*}DRFAGAEVESAL^{*}Q
 A EQGIDA SDDMIVMRRDI^{*}NAG^{*}GKSVCRVNGKLV^{*}TIAS^{*}ALREIGRLLLDIHGQHDNQLLMED^{*}D^{*}KHLE^{*}LLDRFAGAE^{*}AESAL^{*}Q
 A EQGIDV^{*}SDEMIVMRRDI^{*}STSGKSVCRVNGKLV^{*}TIAS^{*}ALREIGRLLLDIHGQHDNQLLMED^{*}ENHL^{*}QLLD^{*}KFAGAE^{*}VESAL^{*}K

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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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QGGLDVWGMSAQL^QEDISDINEPL^QKK^MSESVS^SSYLL^SEDATFQMRN^MLD^LLE^FYDPERLN^FY^FETRLNEIKQLKRKYGATV
 QGGLDVWGMSAQL^QEDISDINEPL^QKK^KSESVS^SSYLL^SEDATFQMRN^LLD^LLE^FYDPERLN^FY^FETRLNEIKQLKRKYGATV
 QGGLDVWGMSAQL^QEDISDINEPL^QKK^KSESVS^SSYLL^SEDATFQMRN^LLD^LLE^FYDPERLN^FY^FETRLNEIKQLKRKYGATV
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EDILEY^GSKIEEEIDQENRDSHL^{QS}EAL^{EA}LKKELE^{ES}VCKDVAVEAAN^YSK^QIRK^{TA}WAKKL^{AD}EE^{HR}ELKSLY^{ME}KS^QTFDTEF^kLV

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

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

400
400

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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 I 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

SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKEFKDGRITTHVTPLSKQDKVAEIGRMIAGVEVTDLTKR
SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKEFKDGRITTHVTPLSKQDKVAEIGRMIAGVEVTDLTKR
SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKEFKDGRITTHVTPLSKQDKVAEIGRMIAGVEVTDLTKR

560
560

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consensus

HAQELLKQAGQVKTTG

HAQELLKQAGQVKTTG

HAQELLKQADQVKTTG

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

576

576

- X

non conserved
- X

similar
- X

≥ 50% conserved