

logo

NTDB id 320939 D9777 RS14370 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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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
 * * *

240
240

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consensus

QGGLDWVGMSAQL¹EDISDINEPL²Q³K⁴SESVS⁵SSYYLLEDATFQMRN⁶LD⁷LE⁸Y⁹DPERLN¹⁰Y¹¹ETRLNEIKQLKRKYGATV
 QGGLDWVGMSAQL¹EDISDINEPL²Q³K⁴SESVS⁵SSYYLLEDATFQMRN⁶LD⁷LE⁸Y⁹DPERLN¹⁰Y¹¹ETRLNEIKQLKRKYGATV
 QGGLDWVGMSAQL¹EDISDINEPL²Q³K⁴SESVS⁵SSYYLLEDATFQMRN⁶LD⁷LE⁸Y⁹DPERLN¹⁰Y¹¹ETRLNEIKQLKRKYGATV

320
320

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consensus

EDILEY^GSKIEEEIDQIENRDSHL^{QS}EA^{EA}LKKEL^{ES}VGKDVAVEAAN^{YS}SK^QIRK^{TA}WAKKL^{AE}EA^{HA}IR^{HQ}ELKS^{LY}ME^{ME}KSTFDTEF^{kV}
 EDILEY^GSKIEEEIDQIENRDSHL^{QS}EA^{EA}LKKEL^{ES}VGKDVAVEAAN^{YS}SK^QIRK^{TA}WAKKL^{AE}EA^{HA}IR^{HQ}ELKS^{LY}ME^{ME}KSTFDTEF^{kV}
 EDILEY^GASKIEEEIDQIENRDSHL^{QS}EA^{EA}LKKEL^{ES}VGKDVAVEAAN^{YS}SK^QIRK^{TA}WAKKL^{AE}EA^{HA}IR^{HQ}ELKS^{LY}ME^{ME}KSTFDTEF^{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 E 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 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 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

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560
560

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consensus

HAQELLKQAGQVKTTG

HAQELLKQAGQVKTTG

HAQELLKQADQVKTTG

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

576

576

- X

non conserved
- X

similar
- X

≥ 50% conserved