

logo

NTDB id 390008 F7V86 RS19290 WP 007408359.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

MLAELS IKNFAI I EELT ySFERGLTVLTGETGAGK S I I I D A ySLLVGG RGSSEFVR YGE T KAELEGLFLL DSGHPV F E VC
MLAELS IKNFAI I EELT ySFERGLTVLTGETGAGK S I I I D A V SLLVGG RGSSEFVR YGE T KAELEGLFLL DSGHPV F E VC
MLAELS IKNFAI I EELT ySFERGLTVLTGETGAGK S I I I D A I SLLVGG RGSSEFVR YGE A KAELEGLFLL E SGHPV L G VC

80
80

logo

NTDB id 390008 F7V86 RS19290 WP 007408359.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

R A E Q G I D A S D E I V M V R R D I S T S G K S V C R V N G K L V T I A A S L R E I G R L L L D I H G Q H D N Q L L M E D E K H L E L L D R F A G A E A E S A L Q
 R E Q G I D A S D E I V M V R R D I N A G I G K S V C R V N G K L V T I A A L R E I G R L L L D I H G Q H D N Q L L M E D D K H L E L L D R F A G A E A E S A L Q
 A E Q G I D V S D E I V M V R R D I S T S G K S V C R V N G K L V T I A S L R E I G R L L L D I H G Q H D N Q L L M E D E N H L Q L L D K F A G A E V E S A L K

160
160

logo

NTDB id 390008 F7V86 RS19290 WP 007408359.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

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 L 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

logo

NTDB id 390008 F7V86 RS19290 WP 007408359.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

QGGLDVWGMSAQL¹EDISDINEPL²L³Q⁴K⁵SES⁶VS⁷SS⁸YYLLEDATFQMRN⁹LD¹⁰LE¹¹Y¹²DPERLN¹³Y¹⁴ETRLNEIKQLKRKYGATV
 QGGLDVWGMSAQL¹EDISDINEPL²L³K⁴SES⁶VS⁷SS⁸YYLLEDATFQMRN⁹L¹⁰LD¹¹LE¹²Y¹³DPERLN¹⁴F¹⁵IETRLNEIKQLKRKYGATV
 QGGLDVWGMSAQL¹EDISDINEPL²L³K⁴K⁵SES⁶VS⁷SS⁸YYLLEDATFQMRN⁹LD¹⁰LE¹¹Y¹²DPERLN¹³Y¹⁴IETRLNEIKQLKRKYGATV
 * * * * *

320
320

logo

NTDB id 390008 F7V86 RS19290 WP 007408359.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

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

NTDB id 390008 F7V86 RS19290 WP 007408359.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

RTDSSNS EAPLVNGQPVLTEQGIDLVKFLISTNTGEPLKSLSKVASGGELSRVMLAKSIFSSQQDVTSLIFDEVDTGV
KTDPSASEAPLVNGQPVLTEQKIDLVKFLISTNTGEPLKPSLSKVASGGELSRVMLAKSIFSSQQDVTSLIFDEVDTGV
*TASRNEAPLVNGQPVLTEQGIDLVKFLISTNTGEPLKSLSKVASGGELSRVMLAKSIFSSQQDVTSLIFDEVDTGV
* * * * *

480
480

logo

NTDB id 390008 F7V86 RS19290 WP 007408359.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKEFKDGRITTHVTPLSKQDKVAEIGRMIAGVEVTDLTKR
SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKEFKDGRITTHVTPLSKQDKVAEIGRMIAGVEVTDLTKR
SGRVAQAIAEKIHKVSTGSQVLCITHLPQVAAMADTHLYIAKEFKDGRITTHVTPLSKQDKVAEIGRMIAGVEVTDLTKR

560
560

logo

NTDB id 390008 F7V86 RS19290 WP 007408359.1

NTDB id 352 BSU 24240 NP 390304.2

consensus

HAQELLKQAGQVKTTG

HAQELLKQAGQVKTTG

HAQELLKQADQVKTTG

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

576

576

- X

non conserved
- X

similar
- X

≥ 50% conserved