

logo

NTDB id 117045 AW03 RS11850 WP 014477300.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

MLAELS IKNFAI I EELTVSFERGLTVLTGETGAGKSI I IDAISLLVGGGRGSSEFVRYGEAKAELEGLFLL ESGHPVL DVCAEQGI
MLAELS IKNFAI I EELTVSFERGLTVLTGETGAGKSI I IDAISLLVGGGRGSSEFVRYGEAKAELEGLFLL ESGHPVL DVCAEQGI
!!

85
85

logo

NTDB id 117045 AW03 RS11850 WP 014477300.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

DVSDEM IVMRRD I STSGKSVCRVNGKLV T IASLREI GRLLLD IHGQHDNQLL MEDENHLQLL D K F A G A E V E S A L K T Y Q E G Y Q R Y M
DVSDEM IVMRRD I STSGKSVCRVNGKLV T IASLREI GRLLLD IHGQHDNQLL MEDENHLQLL D K F A G A E V E S A L K T Y Q E G Y Q R Y M
DVSDEM IVMRRD I STSGKSVCRVNGKLV T IASLREI GRLLLD IHGQHDNQLL MEDENHLQLL D K F A G A E V E S A L K T Y Q E G Y Q R Y V
!!*

170
170

logo

NTDB id 117045 AW03 RS11850 WP 014477300.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

KLLK L 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 Q 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 Q G G L D W V G M A S A Q L E
KLLK L 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 Q 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 Q G G L D W V G M A S A Q L E
KLLK L 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 Q 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 Q G G L D W V G M A S A Q L E
!!

255
255

logo

NTDB id 117045 AW03 RS11850 WP 014477300.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

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

340
340

logo

NTDB id 117045 AW03 RS11850 WP 014477300.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

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

425
425

logo

NTDB id 117045 AW03 RS11850 WP 014477300.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

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 S G R V A Q A I A E K I H K V S I G S Q V L C I T H L P Q V
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 S G R V A Q A I A E K I H K V S I G S Q V L C I T H L P Q V
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 S G R V A Q A I A E K I H K V S I G S Q V L C I T H L P Q V
!!

510
510

logo

NTDB id 117045 AW03 RS11850 WP 014477300.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

A A M A D T H L Y I A K E L K D G R T T T R V K P L S K Q E K V A E I G R M I A G V E V T D L T K R H A K E L L K Q A D Q V K T T G
A A M A D T H L Y I A K E L K D G R T T T R V K P L S K Q E K V A E I G R M I A G V E V T D L T K R H A K E L L K Q A D Q V K T T G
A A M A D T H L Y I A K E L K D G R T T T R V K P L S K Q E K V A E I G R M I A G V E V T D L T K R H A K E L L K Q A D Q V K T T G
!!

576
576

non conserved
 similar
 $\geq 50\%$ conserved