

logo

NTDB id 222646 A6J48 RS14300 WP 306807087.1  
NTDB id 1090 CAA90909.1 1..3114( )  
consensus

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

41  
80

logo

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FDNTDTLVSQQRGTAVFGTATYLPYGVSGFDADGLQKRNNAVDWIHTTQAGLAGYAYTDVICRSNQCPLVYETKFSF  
F D N T D T L V S Q Q R G T A V F G T A T Y L P P Y G K V S G F D A D G L Q K R N N A V D W I H T T Q A G L A G Y A Y T D V I C R S N Q C P L V Y E T K F S F  
F D N T D T L V S Q Q R G T A V F G T A T Y L P P Y G K V S G F D A D G L Q K R N N A V D W I H T T Q A G L A G Y A Y T D V I C R S N Q C P L V Y E T K F S F  
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41  
160

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DGIGLAKNAGSLDRHPDPSRENSPIYKLDHPWLGVSFNLGSENTVKDGKSFNKLISSEFSEGNNTIVSTTRGHSISLS  
D G I G L A K N A G S L D R H P D P S R E N S P I Y K L D H P W L G V S F N L G S E N T V K D G K S F N K L I S S F S E G N N T I V S T T R G H S I S L S  
D G I G L A K N A G S L D R H P D P S R E N S P I Y K L D H P W L G V S F N L G S E N T V K D G K S F N K L I S S F S E G N N T I V S T T R G H S I S L S  
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240

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DNKREHTAMAYYLNAKLHLLDKKGIEDIAQGKTVDLGTLRPRVEATVRRGELLNFWATWKIEDKGNITVRLGLPEVKAGR  
D N K R E H T A M A Y Y L N A K L H L L D K K G I E D I A Q G K T V D L G T L R P R V E A T V R R G E L L N F W A T W K I E D K G N I T V R L G L P E V K A G R  
D W K R E H T A M A Y Y L N A K L H L L D K K G I E D I A Q G K T V D L G T L R P R V E A T V R R G E L L N F W A T W K I E D K G N I T V R L G L P E V K A G R  
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320

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CVNKANPNPNAKAPSPALTAPALWFGPVKDGKAEMYSASVSTYPSSSSRIYLQNLKRKTDPGKPRHSLETLTENDIKS  
C V N K A N P N P N A K A P S P A L T A P A L W F G P V K D G K A E M Y S A S V S T Y P D S S S S R I Y L Q N L K R K T D P G K P R H S L E T L T E N D I K S  
C V N K A N P N P N A K A P S P A L T A P A L W F G P V K D G K A E M Y S A S V S T Y P D S S S S R I Y L Q N L K R K T D P G K P R H S L E T L T E N D I K S  
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41  
400

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REPNTGRQTIIRLNGGVREIKLDRNNTVVNFNGNDGNNDTFGIVKDLGVEPDTSEWKKVLLPWTVRGFADDNKFKAFN  
R E P N T G R Q T I I R L N G G V R E I K L D R N N T E V V N F N G N D G N N D T F G I V K D L G V E P D T S E W K K V L L P W T V R G F A D D N K F K A F N  
R E P N T G R Q T I I R L N G G V R E I K L D R N N T E V V N F N G N D G N N D T F G I V K D L G V E P D T S E W K K V L L P W T V R G F A D D N K F K A F N  
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41  
480

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KEENNDNPKYSQKYRSRDNNKGERNLGDIVNSPIVAVGEYLATSANDGMVHIFKQSGGDKRSYNLKL SYIPGTMPRKDI  
K E E N N D N K P K Y S Q K Y R S R D N N K G E R N L G D I V N S P I V A V G E Y L A T S A N D G M V H I F K Q S G G D K R S Y N L K L S Y I P G T M P R K D I  
K E E N N D N K P K Y S Q K Y R S R D N N K G E R N L G D I V N S P I V A V G E Y L A T S A N D G M V H I F K Q S G G D K R S Y N L K L S Y I P G T M P R K D I  
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41  
560

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QNT**EST**LAKDV**RT**FAEKGYV**GDRY**GVDGGFVLRKVDNLNGQNRV**FMFGAM**FGG**R**GAYALDLTKADGSDPTAVSLFDV**KD**  
.....  
QNT**EST**LAKDV**RT**FAEKGYV**GDRY**GVDGGFVLRKVDNLNGQNRV**FMFGAM**FGG**R**GAYALDLTKADGSDPTAVSLFDV**KD**  
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41  
640

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NGNNGN**NR**VELGYTVG**TPQ**IGK**THD**GKYAAFLASGYATKEIITSGDNKTALVYVDLEGN**GT**TNNLIK**KEI**EV**PGG**KGGL**S**SP  
.....  
NGNNGN**NR**VELGYTVG**TPQ**IGK**THD**GKYAAFLASGYATKEIITSGDNKTALVYVDLEGN**GT**TNNLIK**KEI**EV**PGG**KGGL**S**SP  
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41  
720

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TLVDKDL**D**GTVDIAYAGDRGG**N**MYRFDLSSQDP**Q**QWSV**RT**IFEGTKPITSAPAI**S**QLKDKR**W**IFGTGS**DL**SEEDVD**N**ME  
.....  
TLVDKDL**D**GTVDIAYAGDRGG**N**MYRFDLSSQDP**Q**QWSV**RT**IFEGTKPITSAPAI**S**QLKDKR**W**IFGTGS**DL**SEEDVD**N**ME  
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41  
800

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EQYI**Y**GI**F**DDDTATTG**T**VNFSDSGG**L**LEQVLRRDND**N**KT**L**FLTDYKRSDGSG**N**KG**W**VKLK**D**GQ**R**VT**K**PT**V**L**R**TA**F**V  
.....  
EQYI**Y**GI**F**DDDTATTG**T**VNFSDSGG**L**LEQVLRRDND**N**KT**L**FLTDYKRSDGSG**N**KG**W**VKLK**D**GQ**R**VT**K**PT**V**L**R**TA**F**V  
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41  
880

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TI**H**KYT**G**TDK**C**GA**E**TAILG**I**NTADGG**K**LTKKSAR**P**IV**P**EANTAVAQ**Y**SG**H**KK**G**T**N**G**K**S**I**PI**G**CM**Q**KS**N**E**I**VC**P**NG**Y**V**Y**DK  
.....  
TI**H**KYT**G**TDK**C**GA**E**TAILG**I**NTADGG**K**LTKKSAR**P**IV**P**EANTAVAQ**Y**SG**H**KK**G**T**N**G**K**S**I**PI**G**CM**Q**KS**N**E**I**VC**P**NG**Y**V**Y**DK  
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41  
960

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logo

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P**V**N**V**RYLDEK**K**TDGF**S**TTADGDAGG**S**GID**P**AG**K**RS**G**K**N**NR**C**FS**Q**KG**V**RT**L**LM**N**DL**S**LDIT**G**PT**C**GM**K**RI**S**W**R**EV**F**Y  
.....  
P**V**N**V**RYLDEK**K**TDGF**S**TTADGDAGG**S**GID**P**AG**K**RS**G**K**N**NR**C**FS**Q**KG**V**RT**L**LM**N**DL**S**LDIT**G**PT**C**GM**K**RI**S**W**R**EV**F**Y\*  
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41  
1037

non conserved  
 similar  
 ≥ 50% conserved