

logo

NTDB id 305765 DV144 RS14310 WP 324186162.1
NTDB id 1090 CAA90909.1 1..3114()
consensus

MNKTWKRQVFRHTVLYTALILMFSHTGGGGRRRQTKRYNTLMNERNQLEVKGNQYSTIKDKDRERKFIYNKDRGGGGSVF
M N K T W K R Q V F R H T V L Y T A I L M F S H T G G G G R R R K R I N 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 T 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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consensus

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

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160

logo

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consensus

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 E 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

logo

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consensus

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

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320

logo

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consensus

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 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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400

logo

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consensus

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

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480

logo

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consensus

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

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560

logo

NTDB id 305765 DV144 RS14310 WP 324186162.1
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consensus

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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640

logo

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consensus

NGNNGN**NR**VELGYTVG**TPQ**IGK**THD**GKYAAFLASGYATKEIITSGDNKTALV**YD**LEGNGT**NN**L**IKK**IEVPGGK**GGL**S**SP**
.....
NGNNGN**NR**VELGYTVG**TPQ**IGK**THD**GKYAAFLASGYATKEIITSGDNKTALV**YD**LEGNGT**NN**L**IKK**IEVPGGK**GGL**S**SP**

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720

logo

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consensus

TLVDKDL**DGT**VDIAYAGDRGG**NMY**RFDLSSQDP**Q**Q**W**SVRTIFEGTKPITSAPAI**S**QLKDKR**W**IFGTGS**DL**SEEDVD**NME**
.....
TLVDKDL**DGT**VDIAYAGDRGG**NMY**RFDLSSQDP**Q**Q**W**SVRTIFEGTKPITSAPAI**S**QLKDKR**W**IFGTGS**DL**SEEDVD**NME**

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800

logo

NTDB id 305765 DV144 RS14310 WP 324186162.1
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consensus

EQYI**Y**GI**F**DDDTATTG**TV**N**F**SDSGG**L**LEQVLRRD**N**DNK**T**FL**F**LDYKRSDG**S**GNKG**W**V**K**L**K**DG**Q**R**V**T**V**K**P**T**V**L**R**T**A**F**V**
.....
EQYI**Y**GI**F**DDDTATTG**TV**N**F**SDSGG**L**LEQVLRRD**N**DNK**T**FL**F**LDYKRSDG**S**GNKG**W**V**K**L**K**DG**Q**R**V**T**V**K**P**T**V**L**R**T**A**F**V**

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880

logo

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consensus

TI**H**K**Y**T**G**T**D**K**C**G**A**E**T**A**I**L**G**I**N**T**A**D**G**G**K**L**T**K**K**S**A**R**P**I**V**E**A**N**T**A**V**A**Q****Y**S**G**H**K**K**G**T**N**G**K**S**I**P**I**G**M****Q****K**S**N**E**I**V**C**P**N**G**Y**V**Y**D**K**
.....
TI**H**K**Y**T**G**T**D**K**C**G**A**E**T**A**I**L**G**I**N**T**A**D**G**G**K**L**T**K**K**S**A**R**P**I**V**E**A**N**T**A**V**A**Q****Y**S**G**H**K**K**G**T**N**G**K**S**I**P**I**G**M****Q****K**S**N**E**I**V**C**P**N**G**Y**V**Y**D**K**

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960

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logo

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consensus

P**V**N**V**R**Y**L**D**E**K**K**T**D**G**F**S**T**T**A**D**G**D**A**G**G**S**G**I**D**P**A**G**K**R**S**G**K**N**N**R**C**F**S**Q**K**G**V**R**T**L**L**M**N**D**L**D**S**L**D**I**T**G**P**T**C**G**M**K**R**I**S**W**R**E**V**F****Y**
.....
P**V**N**V**R**Y**L**D**E**K**K**T**D**G**F**S**T**T**A**D**G**D**A**G**G**S**G**I**D**P**A**G**K**R**S**G**K**N**N**R**C**F**S**Q**K**G**V**R**T**L**L**M**N**D**L**D**S**L**D**I**T**G**P**T**C**G**M**K**R**I**S**W**R**E**V**F****Y***

41
1037

non conserved
 similar
 ≥ 50% conserved