

logo

NTDB id 396142 GHB96 RS00580 WP 003690581.1
NTDB id 1095 KZH42 RS10215 WP 002225638.1
consensus

80
80

logo

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consensus

ADGSGSVLFLRFIHFYASHQKQTAVGKRIRAVGEIKHGFYGDEMIHPKIRDAEGGGLAESLTPVYPTVNGLNQPTLRRII
ADGSGSVLFLRFIHFYASHQKQTAVGKRIRAVGEIKHGFYGDEMIHPKIRDAEGGGLAESLTPVYPTVNGLNQPTLRRII
ADGSGSVLFLRFIHFYASHQKQTAVGKRIRAVGEIKHGFYGDEMIHPKIRDAEGGGLAESLTPVYPTVNGLNQPTLRRII

160
160

logo

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Q T A L D V T P L H D T L P D A L L C R L K L P R L A E S L R L L H S P P P S F T I H Q L S D G T L P A W Q R L K F D E L L A Q Q L S M R L A R Q K R Y S G T A
 Q T A L D V T P L H D T L P D A L L C R L K L P R L A E S L R L L H S P P P S F T I H Q L S D G T L P A W Q R L K F D E L L A Q Q L S M R L A R Q K R Y S G T A
 Q T A L D V T P L H D T L P D A L L C R L K L P R L A E S L R L L H S P P P S F T I H Q L S D G T L P A W Q R L K F D E L L A Q Q L S M R L A R Q K R Y S G T A
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240
240

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AAL^RGDGTLTQALRQALPFALTD^QEK^WSEICRDMAQ^T_YPMHRL^LQGDVGSCKTIVAALSALTAIESGAQVAVMAPTEI
 AAL^RGDGTLTQALRQALPFALTD^QEKVSEICRDMAQ^T_HPMHRL^LQGDVGSCKTIVAALSALTAIESGAQVAVMAPTEI
 AAL^GGDGTLTQALRQALPFALTD^QEKVSEICRDMAQ^T_{*}PMHRL^LQGDVGSCKTIVAALSALTAIESGAQVAVMAPTEI

320
320

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LAEQHFIFKFKQWLEPLGIEW^RCLFGSLRKKAKDEAKAKLADGSVKIavgTHALFSDGVAFHNLGL^SIVDEQHRFGVAQRIL
 LAEQHFIFKFKQWLEPLGIEVVC^LFGSLRKKAKDEAKAKLADGSVKIavgTHALFSDGVAFHNLGL^SIVDEQHRFGVAQRIL
 LAEQHFIFKFKQWLEPLGIEVVR^LFGSLRKKAKDEAKAKLADGSVKIavgTHALFSDGVAFHNLGL^SIVDEQHRFGVAQRIL
 * *

400
400

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ALKNKGRE¹VHQL²MSAT³PI⁴PRTL⁵AMS⁶FFAD⁷LD⁸SV⁹IDEL¹⁰PP¹¹GR¹²TP¹³IK¹⁴TRL¹⁵VNN¹⁶VR¹⁷AE¹⁸VE¹⁹GF²⁰VL²¹GT²²CR²³KR²⁴QAY²⁵WVC²⁶PL²⁷I²⁸
 ALKNKGRE¹VHQL²MSAT³PI⁴PRTL⁵AMS⁶FFAD⁷LD⁸SV⁹IDEL¹⁰PP¹¹GR¹²TP¹³IK¹⁴TRL¹⁵VNN¹⁶VR¹⁷AE¹⁸VE¹⁹GF²⁰VL²¹GT²²CR²³KR²⁴QAY²⁵WVC²⁶PL²⁷I²⁸
 ALKNKGRE¹VHQL²MSAT³PI⁴PRTL⁵AMS⁶FFAD⁷LD⁸SV⁹IDEL¹⁰PP¹¹GR¹²TP¹³IK¹⁴TRL¹⁵VNN¹⁶VR¹⁷AE¹⁸VE¹⁹GF²⁰VL²¹GT²²CR²³KR²⁴QAY²⁵WVC²⁶PL²⁷I²⁸

480
480

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E E S E T L Q L Q T A A E T L A R L Q T A L P E N I G L V H G R M K A A E K A E V M A R F S S C G L N V L V A T T V I E V G D V P N A A L M V I E H A E R M
 E E S E T L Q L Q T A A E T L A R L Q T A L P E N I G L V H G R M K A A E K A E V M A R F S S C G L N V L V A T T V I E V G D V P N A A L M V I E H A E R M
 E E S E T L Q L Q T A A E T L A R L Q T A L P E N I G L V H G R M K A A E K A E V M A R F S S C G L N V L V A T T V I E V G D V P N A A L M V I E H A E R M
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560
560

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640
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consensus



680
680

-  non conserved
-  similar
-  ≥ 50% conserved