

logo

NTDB id 112733 A6L35 RS09820 WP 002220421.1
NTDB id 1133 OK783 RS06970 WP 010951252.1
consensus

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consensus

PELSPFAPEVMRWRLDLFRS^{EE}FRNTAEFEDVRNVLQDYLGSGESADYQLAGQLADIFDQYLWVRPQWIDAWQQGRRLG
 PELSPFAPEVMRWRLDLFRS^{EA}FRNTAEFEDVRNVLQDYLGSGESADYQLAGQLADIFDQYLWVRPQWIDAWQQGRRLG 160
 PELSPFAPEVMRWRLDLFRS^{AE}FQNGAEFEDVRNVLQDYLGSGESADYQLAGQLADIFDQYLWVRPQWIDAWQQGRRLG 160

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LGDDEIWQSKLWRYLDDGRQSAPHRVALWEKLLAALDKDKLPERYFVFEGISTMAPMYLQLLHKLSEHCDVVFALNPSGM 240
 LGDDEIWQSKLWRYLDDGRQSAPHRVALWEKLLAALDKDKLPERYFVFEGISTMAPMYLQLLHKLSEHCDVVFALNPSGM 240

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Y H I G N V E A A Q I L K G G G D P D L T Q A G H P L L A S L G K Q G R D F F D F L N E M E I E E T P V F E E G G R D T L L H A L Q T D I Q N L K M P S E N V
 Y W G N V I E A A Q I L K G G G D P D L T Q A G H P L L A S L G K Q G R D F F D F L N E M E I E E T P V F E E G G R D T L L H A L Q T D I Q N L K M P S E N V 320
 H W G N V I E A A Q I L K G G G D P D L T Q A G H P L L A S L G K Q G R D F F D F L N E M E I E E T P V F E E G G R D T L L H A L Q T D I Q N L K M P S E N V 320
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GSVNTGDGSRIVSAHSPLRELQILKDKLLKILHEHPDWQPHDIAVLTPIESYTPFIEAVFGQAQPGAQALPYSVSDVK 400
 GSVNTGDGSI RIVSAHSPLRELQILKDKLLKILHEHPDWQPHDIAVLTPIESYTPFIEAVFGQAQPGAQALPYSVSDVK 400
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ISRRQPLFHALS^{0.38}CFD^{0.18}LL^{0.18}ES^{0.18}RF^{0.18}EV^{0.18}D^{0.18}K^{0.18}V^{0.18}L^{0.18}V^{0.18}L^{0.18}L^{0.18}E^{0.18}T^{0.18}A^{0.18}P^{0.18}V^{0.18}L^{0.18}R^{0.18}R^{0.18}F^{0.18}G^{0.18}L^{0.18}T^{0.18}E^{0.18}D^{0.18}D^{0.18}L^{0.18}P^{0.18}L^{0.18}L^{0.18}H^{0.18}D^{0.18}M^{0.18}V^{0.18}A^{0.18}D^{0.18}L^{0.18}N^{0.18}V^{0.18}H^{0.18}W^{0.18}G^{0.18}L^{0.18}D^{0.18}G^{0.18}E^{0.18}M^{0.18}R^{0.18}G^{0.18}G^{0.18}T^{0.18}D^{0.18}Q^{0.18}L^{0.18}F^{0.18}T^{0.18}W^{0.18}K^{0.18}Q^{0.18}A^{0.18}

ISRRQPLFHALS^{0.18}CFD^{0.18}LL^{0.18}ES^{0.18}RF^{0.18}EV^{0.18}D^{0.18}K^{0.18}V^{0.18}L^{0.18}V^{0.18}L^{0.18}L^{0.18}E^{0.18}T^{0.18}A^{0.18}P^{0.18}V^{0.18}L^{0.18}R^{0.18}R^{0.18}F^{0.18}G^{0.18}L^{0.18}T^{0.18}E^{0.18}D^{0.18}D^{0.18}L^{0.18}P^{0.18}L^{0.18}L^{0.18}H^{0.18}D^{0.18}M^{0.18}V^{0.18}A^{0.18}D^{0.18}L^{0.18}N^{0.18}V^{0.18}H^{0.18}W^{0.18}G^{0.18}L^{0.18}D^{0.18}G^{0.18}E^{0.18}M^{0.18}R^{0.18}G^{0.18}G^{0.18}T^{0.18}D^{0.18}Q^{0.18}L^{0.18}F^{0.18}T^{0.18}W^{0.18}K^{0.18}Q^{0.18}A^{0.18}

ISRRQPLF^{0.18}H^{0.18}A^{0.18}L^{0.18}S^{0.18}C^{0.18}F^{0.18}D^{0.18}LL^{0.18}ES^{0.18}RF^{0.18}EV^{0.18}D^{0.18}K^{0.18}V^{0.18}L^{0.18}V^{0.18}L^{0.18}L^{0.18}E^{0.18}T^{0.18}A^{0.18}P^{0.18}V^{0.18}L^{0.18}R^{0.18}R^{0.18}F^{0.18}G^{0.18}L^{0.18}T^{0.18}E^{0.18}D^{0.18}D^{0.18}L^{0.18}P^{0.18}L^{0.18}L^{0.18}H^{0.18}D^{0.18}M^{0.18}V^{0.18}A^{0.18}D^{0.18}L^{0.18}N^{0.18}V^{0.18}H^{0.18}W^{0.18}G^{0.18}L^{0.18}D^{0.18}G^{0.18}E^{0.18}M^{0.18}R^{0.18}G^{0.18}G^{0.18}T^{0.18}D^{0.18}Q^{0.18}L^{0.18}F^{0.18}T^{0.18}W^{0.18}K^{0.18}Q^{0.18}A^{0.18}

ISRRQPLF^{0.18}H^{0.18}A^{0.18}L^{0.18}S^{0.18}C^{0.18}F^{0.18}D^{0.18}LL^{0.18}ES^{0.18}RF^{0.18}EV^{0.18}D^{0.18}K^{0.18}V^{0.18}L^{0.18}V^{0.18}L^{0.18}L^{0.18}E^{0.18}T^{0.18}A^{0.18}P^{0.18}V^{0.18}L^{0.18}R^{0.18}R^{0.18}F^{0.18}G^{0.18}L^{0.18}T^{0.18}E^{0.18}D^{0.18}D^{0.18}L^{0.18}P^{0.18}L^{0.18}L^{0.18}H^{0.18}D^{0.18}M^{0.18}V^{0.18}A^{0.18}D^{0.18}L^{0.18}N^{0.18}V^{0.18}H^{0.18}W^{0.18}G^{0.18}L^{0.18}D^{0.18}G^{0.18}E^{0.18}M^{0.18}R^{0.18}G^{0.18}G^{0.18}T^{0.18}D^{0.18}Q^{0.18}L^{0.18}F^{0.18}T^{0.18}W^{0.18}K^{0.18}Q^{0.18}A^{0.18}

480

480

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

560
 560

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640
640

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720
720

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800
799

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880
879

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960
959

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1040
1039

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1069
1068

 non conserved
 similar
 $\geq 50\%$ conserved