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NTDB id 418980 GWG05 RS13235 WP 029314740.1	A L D R I I N F F P E E R R P Q I L N D L G N N L K A F V S Q R L V K T T D G . G R R A A V E V M L G T H T V R D L I K R G E F G G L K E I M E K S R A L G M V	314
NTDB id 1177 A1552VC RS01165 WP 000422572.1	A L E R I L H L V P K E Q R E Q F L L D L S L N L K G V I A Q Q L L R D K N G K G R H G V F E V L L N S P R I A D L I R R G E L H E L K A T M A R S Q E V G M Q	313
NTDB id 1203 PSJM300 01605 AFN76401.1	A L D R I I N F F P A D R Q N Q V W M D L S L N L K A I V A Q Q L V P T P D G K G R R A V I E V L I N T P L A A D L I R K G E V H E L K G L M K R S T D L G M Q	315
NTDB id 1019 ACIAD RS04205 WP 004922051.1	T L E R I I H F F D A D R H Q Q I F M D L S L N L K A V I S Q Q L I P T H D G Q S R R A A V E V L I N T P L L S D Y I R Q G E I Y K I K E L M A R S G E L G M Q	316
NTDB id 1307 DR RS10055 WP 010888596.1	S I D R I V D V F P E E Q Q E Q I R V Q L A N N L V A V M T Q Q L L P R A D G Q G R V L A Y E I L L A N P A V R A L I R E G K T F Q I T S V M Q T G A R E G M V	319
NTDB id 1185 GTF74 RS11940 WP 000350195.1	T I D R I I D V F P G S D K D M V R S M L S E S L R A V I A Q K L L K R . V G G G R V A C H E I M L A T P A I R N L I R E D K V A Q M Y S I I Q T G A A H G M Q	314
NTDB id 1176 A1552VC RS01160 WP 000350195.1	T I D R I I D V F P G S D K D M V R S M L S E S L R A V I A Q K L L K R . V G G G R V A C H E I M L A T P A I R N L I R E D K V A Q M Y S I I Q T G A A H G M Q	314
NTDB id 1283 ACE17W RS02630 WP 010947729.1	T I N R I I D V F P A E E K S M V R S M L S E S L Q A V V A Q S L L K K . N K G G R V A A L E I M M C T G A I R N L I R E D K I A Q M Y S S I Q T G Q A K G M Q	314
NTDB id 1259 GC085 RS10305 WP 010947729.1	T I N R I I D V F P A E E K S M V R S M L S E S L Q A V V A Q S L L K K . N K G G R V A A L E I M M C T G A I R N L I R E D K I A Q M Y S S I Q T G Q A K G M Q	314
NTDB id 1060 ABD1 RS04380 WP 000355489.1	T I D R V I D V F P A E E K D M V R A M L S E S L Q A V I S Q T L L K K . N G G G R V A A H E I M I G I P A I R N L I R E N K V A Q M Y S A I Q T G A N H G M T	314
NTDB id 1040 HON27 RS13360 WP 000355489.1	T I D R V I D V F P A E E K D M V R A M L S E S L Q A V I S Q T L L K K . N G G G R V A A H E I M I G I P A I R N L I R E N K V A Q M Y S A I Q T G A N H G M T	314
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	T I D R V I D V F P A E E K D M V R A M L S E S L Q A V I S Q T L L K K . N G G G R V A A H E I M I G I P A I R N L I R E N K V A Q M Y S A I Q T G A N H G M T	314
NTDB id 1202 PSJM300 01600 AFN76400.1	T I D R V V D V F P A E E K S M V R S M L S E S L Q A V I S Q T L L K K . V G G G R V A A H E I M I G T P A I R N L I R E D K V A Q M Y S S I Q T G G S L G M Q	314
NTDB id 1194 PAKAF RS01995 WP 003084552.1	T I D R V V D V F P A E E K A M V R S M L S E S L Q S V I S Q T L I K K . I G G G R V A A H E I M I G T P A I R N L I R E D K V A Q M Y S A I Q T G G S L G M Q	314
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NTDB id 418980 GWG05 RS13235 WP 029314740.1	T F D S T L F D L V E G V I D E E E A V K N A D S Q N N L R L K I K L W R E K G Q I . G N S A A A S G W S L E P T K D E . G D L F	378
NTDB id 1177 A1552VC RS01165 WP 000422572.1	T F D Q A L Y Q L V V D D K I S E Q D A L H S A D S A N D L R L M L K T K R G D D Y . . . G S G S L Q N V K I D M E	368
NTDB id 1203 PSJM300 01605 AFN76401.1	T F D Q A L Y N L Y V Q G E I T Y E D A L L H A D S S N D L R L M I K L G S E T D G E H L T S V S . Q G L T L E M S D D D P G R S F R	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	T F D Q A L F D L Y D H Q H I S Y A D A L K H A D S P N N L R L Q I K L S E E A N K P L D N R E R M S E M E R K M T F D G Q R R N L K	383
NTDB id 1307 DR RS10055 WP 010888596.1	T M D A Y L A G L F R R H L I T Y D K G L E R A I D . P K E F . . . A R L A N D A S A G L G G A S M T P A A P P V P A Y N S A S S S T G R G G D F G R G A A A P	396
NTDB id 1185 GTF74 RS11940 WP 000350195.1	T M E Q N A K Q L I A R G V V D A Q E V Q S K I E L D L K A F	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	T M E Q N A K Q L I A R G V V D A Q E V Q S K I E L D L K A F	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	T L D Q H L T E L V N K N I I S K H T A H E A A L N . K S L F	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	T L D Q H L T E L V N K N I I S K H T A H E A A L N . K S L F	344
NTDB id 1060 ABD1 RS04380 WP 000355489.1	T L D Q S L K G L V A R G V I S P Q T A R T A A K Q . P E S F . . L	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	T L D Q S L K G L V A R G V I S P Q T A R T A A K Q . P E S F . . L	345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	T L D Q S L K G L V S R G V I S P Q T A R T A A K Q . P E S F . . L	345
NTDB id 1202 PSJM300 01600 AFN76400.1	T L D S C L K G L L A K G L I S R D S A K E K A K Q . P E N F	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	T L D M C L K G L V A K G L I S R E N A R E K A K I . P E N F	344
consensus	!*** * !* ***** * *	

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NTDB id 418980 GWG05 RS13235 WP 029314740.1	ATPAAPAAAGRSEPGRAGGFGRR	378
NTDB id 1177 A1552VC RS01165 WP 000422572.1		368
NTDB id 1203 PSJM300 01605 AFN76401.1		381
NTDB id 1019 ACIAD RS04205 WP 004922051.1		383
NTDB id 1307 DR RS10055 WP 010888596.1	ATPAAPAAAGRSEPGRAGGFGRR	418
NTDB id 1185 GTF74 RS11940 WP 000350195.1		345
NTDB id 1176 A1552VC RS01160 WP 000350195.1		345
NTDB id 1283 ACE17W RS02630 WP 010947729.1		344
NTDB id 1259 GC085 RS10305 WP 010947729.1		344
NTDB id 1060 ABD1 RS04380 WP 000355489.1		345
NTDB id 1040 HON27 RS13360 WP 000355489.1		345
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NTDB id 1202 PSJM300 01600 AFN76400.1		344
NTDB id 1194 PAKAF RS01995 WP 003084552.1		344
consensus		

 non conserved
 similar
 $\geq 50\%$ conserved