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NTDB id 1211 C694 RS00795 WP 000963128.1MAIDEDKQKATISLAIKQIDKVFSGKALVRLGDK.QVEKIDISTGSLGLDLALGIGGVPKGRIT	63
NTDB id 1214 NCTC11637 00359 SQJ03206.1MAIDEDKQKATISLAIKQIDKVFSGKALVRLGDK.QVEKIDISTGSLGLDLALGIGGVPKGRIT	63
NTDB id 1334 RAOC RS04870 WP 004918236.1MAKTETTSPNDDKKKALAAVLEKLDKTYGKGTVMKLGDTVDHNIIEVIPSGLGLDLALGVGGYPKGRIV	70
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NTDB id 1130 NGFG RS03960 WP 003688695.1MSDDKSKALAAALAQIEKSFSGKAIMKMDGSQEQENLEVISTGSLGLDLALGVGGLPRGRIV	62
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NTDB id 625 LCA RS02525 WP 011374196.1MAKDERQAALDAALKKIEKNFGKGSIMRMGEK.VDTQVSTVSSGSLALDEALGVGGYPRGRIV	62
NTDB id 247554 CNY62 RS00010 WP 069119597.1MDNRQAALDAQALKQIEKQFGKGSIMKLGEK.TDTNIKTIPSGSLALDVALGVGGYPRGRVV	60
NTDB id 115 BSU 16940 NP 389576.2MSDRQAALDMALKQIEKQFGKGSIMKLGEK.TDTRISTVPSGSLALDTALGIGGYPRGRIT	60
NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK...KTNFDDITKKYGAERDKALADALALIEKDFGKGSIMRLGGEA.ANQKVSVMSSGSLALDIALGAGGYPKGRIV	76
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NTDB id 453 Spy49 1753c ACI62003.1	.MAKK...LKKNEEITKKFGDERRKALDDALKNIEKDFGKGAVMRLGER.AEQKVQVMSSGSLALDIALGAGGYPKGRIT	75
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR...IKKTEEITKKFGDERKKALDDALKNIEKDFGKGAVMRLGER.AEQKVQVMSSGSLALDIALGAGGYPKGRIV	75
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NTDB id 1245 Cj1673c YP 002345041.1	K I G Q G R E N S K A F L K E N P E I A D E I T K A I Q N S M G I E G M I S G S E D D . . E G E E	343
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	K L G Q G R E N A K A L L K E D K A L A D E I T L K I K E S I G S N E E I M P L P D E . . P L E E M E	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	K L G Q G R D T V K E L I K D N P E L A E E L E A K I R E K L Q A K	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	K I G Q G K N N A V K W L K E N P E I A D K L E Q E I R N T L A S N P N S V L K A T A S D S N D E S D V E E F S E . . E E L	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	K I G Q G K D N V R V W L K E N P E I S D E I D A K I R A L N G V E M H I T E G T Q D E T D G E R P E . . E	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	K I G Q G K D N V R V W L K E N P E I S D E I D A K I R A L N G V E M H I T E G T Q D E T D G E R P E . . E	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	K I G Q G K D N V R V W L K E N P E I S D E I D A K I R A L N G V E M H I T E G T Q D E T D G E R P E . . E	348
NTDB id 1427 RS RS02760 WP 011000510.1	R I G Q G R D N C R E F L R E N A E L A R E I E N K V R E H L G V T P M G A V T L A . E E V E E D	352
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	K I G Q G K N N V I R Y L E E N P Q I S T E I E A V I R E Q L L T K A S D Q T A A . H D E T E E E P D L L . . E S	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	K I G Q G K N N V I R Y F E E N N Q I A E E I E R N I R E Q L L T T G T N G A V Q . I . E D E E E P D L L . . L E . . S	349
NTDB id 1205 PSJM300 05545 AFN77183.1	K I G Q G K A N A A K Y L E E N P E I G Q E I E Q Q I R A K L L V T S A N T K A T P V A E D L A D A D I	347
NTDB id 1313 DR RS12030 WP 010888966.1	R I G Q G K E K T I A Y I A E R P E M E Q E I R D R V M A A I R A G N A G E A P A L A P A P A A . P E A A E A	363
NTDB id 625 LCA RS02525 WP 011374196.1	R I G Q G R E N A K N Y L A D H E D V E D E V R L K V R A A Y G I S D V P E E D L P T T E D E Q . I N I L P D D S T E E	355
NTDB id 247554 CNY62 RS00010 WP 069119597.1	R I G Q G R E N A K Q Y L R E H T D T R L E I S G K V R N A Y G I G D D L P E S A E V V E E A A . V D T E N V E K	350
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NTDB id 600 KW2 RS01765 WP 011675413.1	K I G Q G A E K A K N Y L K E H Q D V F D E I D H K V R A A H G L L D D S E V A E T E E T T A . S K T K A K A K K E E K A V E T E E I E L E D	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	K I G Q G S E N A K K Y L A E H P E I F D E I D K Q V R S K F G L I D G E E V S E Q D T E N K K . D E P K K E E A . . V N E E V P L D L G D E L E I E I	386
NTDB id 228 SPD RS09265 WP 001085462.1	K I G Q G S E N A K K Y L A E H P E I F D E I D K Q V R S K F G L I D G E E V S E Q D T E N K K . D E P K K E E A . . V N E E V P L D L G D E L E I E I	386
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NTDB id 159 SP RS09750 WP 001085462.1	K I G Q G S E N A K K Y L A E H P E I F D E I D K Q V R S K F G L I D G E E V S E Q D T E N K K . D E P K K E E A . . V N E E V P L D L G D E L E I E I	386
NTDB id 499 SM12261 RS08315 WP 078228268.1	K I G Q G S E N A K K Y L A D N P E I F D E I D H Q V R V Q F G L I D G E E I A E S K K . D E A A Q V D S . . V N E E V T L D L G D E L E I E I	382
NTDB id 527 SMSK321 RS11065 WP 001085454.1	K I G Q G S E N A K K Y L A D N P E V F A E I D H Q V R V Q F G L I D G E E A A E S K K . D E V A Q V D S . . V N E E V T L D L G D E L E I E I	382
NTDB id 453 Spy49 1753c ACI62003.1	K I G Q G S E N A K R Y L A D H P Q L F D E I D R K V R V K F G L L E E S E E E S A M A V A S E E T D D L A L D L D N G I E I E D	378
NTDB id 408 SMU RS09530 WP 002262392.1	K I G Q G S E N A K K F L A D N P E I F D D I D H K V R V Q Y G L I E E D N T E E K Q S S K E K E T D E K . . A D K N L V L E L D D T I E L E D	383
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NTDB id 1130 NGFG RS03960 WP 003688695.1	..	348
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NTDB id 1123 OK783 RS03845 WP 003688695.1	..	348
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	..	354
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	..	349
NTDB id 1205 PSJM300 05545 AFN77183.1	..	347
NTDB id 1313 DR RS12030 WP 010888966.1	..	363
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NTDB id 247554 CNY62 RS00010 WP 069119597.1	..	350
NTDB id 115 BSU 16940 NP 389576.2	..	348
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NTDB id 269 KZH43 RS08665 WP 001085462.1	EE	388
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NTDB id 499 SM12261 RS08315 WP 078228268.1	EE	384
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NTDB id 453 Spy49 1753c ACI62003.1	..	378
NTDB id 408 SMU RS09530 WP 002262392.1	..	383

consensus

 non conserved
 similar
 ≥ 50% conserved