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Accession	Sequence	Position
NTDB id 1313 DR RS12030 WP 010888966.1	LDVRRKIGQ...PTKVGNDAVANTVKTIKTVKNKVAAPPFKEVELALVYGGKGFQSLDLVGLAADMDITKKAGSFFYSYGDER	310
NTDB id 217862 CGLAU RS07455 WP 095660141.1	CDVRRRIQTLKDGQ...DSIGNRRTKLVVKNKVSPPFKVAEFDIMYGGEGISRESSITDMGVNDGIVKKSGSWFTYEGEQ	305
NTDB id 600 KW2 RS01765 WP 011675413.1	LDVARGSTKIEEGS.GDNKTTQIGKITKIKVVKNKVAPPFKVALVDIMFGEGISSTGELLNIAVEEGIITKKSAGAWFAYNDEK	315
NTDB id 269 KZH43 RS08665 WP 001085462.1	LDVARGNTQIKGTG.DQKETNVGKETKIKVVKNKVAPPFKAEAVVEIMYGGEGISKTGELLKIASDLDITKKAGAWYSYKDEK	314
NTDB id 228 SPD RS09265 WP 001085462.1	LDVARGNTQIKGTG.DQKETNVGKETKIKVVKNKVAPPFKAEAVVEIMYGGEGISKTGELLKIASDLDITKKAGAWYSYKDEK	314
NTDB id 194 SPR RS08825 WP 001085462.1	LDVARGNTQIKGTG.DQKETNVGKETKIKVVKNKVAPPFKAEAVVEIMYGGEGISKTGELLKIASDLDITKKAGAWYSYKDEK	314
NTDB id 159 SP RS09750 WP 001085462.1	LDVARGNTQIKGTG.DQKETNVGKETKIKVVKNKVAPPFKAEAVVEIMYGGEGISKTGELLKIASDLDITKKAGAWYSYKDEK	314
NTDB id 499 SM12261 RS08315 WP 078228268.1	LDVARGSTQIKGTG.DQKDTNVGKETKIKVVKNKVAPPFKAEAVVEIMYGGEGISKTGELLKIASDLDITKKAGAWYSYKDEK	314
NTDB id 527 SMSK321 RS11065 WP 001085454.1	LDVARGSTQIKGTG.DQKDTNVGKETKIKVVKNKVAPPFKAEAVVEIMYGGEGISKTGELLKIASDLDITKKAGAWYSYKDEK	314
NTDB id 453 Spy49 1753c ACI62003.1	LDVARGTTQIKGTG.DQKDSSTGKETKIKVVKNKVAPPFKVAEVEIMYGGEGISRTGELVKIASDLDITQKAGAWFSYNGEK	314
NTDB id 408 SMU RS09530 WP 002262392.1	LDVARGNTQIKGTG.EQKDSNIGKETKIKVVKNKVAPPFKAEAVVEIYGGEGISRTGELVKIASDLGITQKAGAWYSYNGEK	314
NTDB id 115 BSU 16940 NP 389576.2	LEVRRRAEQLKQGN...DVMGNKTKIKVVKNKVAPPFRTAEVDDIMYGGEGISKEGETIDLGTELDIVQKKSWSWYSYEEER	295
NTDB id 625 LCA RS02525 WP 011374196.1	LEVRRRAETIKNGT...DMIGNRARIKVVKNKVAPPFKVAEVDIMYGGEGISRTGELVDMAVEKDIINKKSWSWYSYGSER	297
NTDB id 1245 Cj1673c YP 002345041.1	LDVRRKVAT...L.KQNEEPIGNRNVKVVKNKVAPPFRQAEEFDVDFGEGLSREGELIDYGVKLDIVDKSAGAWFSYKDKK	297
NTDB id 1211 C694 RS00795 WP 000963128.1	IDIRRIAS...L.KQNEQHIGNRAKAKVVKNKVAPPFRQAEEFDIMFGEGISKEGETIDYGVKLDIVDKSAGAWLSYQDKK	299
NTDB id 1214 NCTC11637 00359 SQJ03206.1	IDIRRIAA...L.KQNEQHIGNRAKAKVVKNKVAPPFRQAEEFDIMFGEGISKEGETIDYGVKLDIVDKSAGAWLSYQDKK	299
NTDB id 1334 RAOC RS04870 WP 004918236.1	IDIRRSLSDTGKIKDKSDEVIGNRRTKLVVKNKVAPPFKSAEFDIMYGGEGVSKVGEILDVATDLDTITQKKSWSWFSYQDTK	310
NTDB id 1389 A4U84 RS07560 WP 021112712.1	LDIRRCGV...V.KDGDDEIGSETKVVVKNKVAPPFRREVQFDIMYGGEGISRMNELLILAEANGFITKKSAGAWFSYDGTK	313
NTDB id 1130 NGFG RS03960 WP 003688695.1	LDIRRTGS...I.KKGEVVLGNETRNVKVIKNKVAPPFRQAEEFDILYGGEGISWEGELIDIGVKNDIINKSAGAWYSYNGAK	297
NTDB id 1124 NGFG RS03960 WP 003688695.1	LDIRRTGS...I.KKGEVVLGNETRNVKVIKNKVAPPFRQAEEFDILYGGEGISWEGELIDIGVKNDIINKSAGAWYSYNGAK	297
NTDB id 1123 OK783 RS03845 WP 003688695.1	LDIRRTGS...I.KKGEVVLGNETRNVKVIKNKVAPPFRQAEEFDILYGGEGISWEGELIDIGVKNDIINKSAGAWYSYNGAK	297
NTDB id 1427 RS RS02760 WP 011000510.1	LDIRRIGS...I.KKGEDEVVGNETKVVVKNKVAPPFRQAEEFDILYGGEGISWEGELIDIGVKNDIINKSAGAWYSYNGER	305
NTDB id 1165 A1552VC RS01565 WP 000344154.1	LDIRRTGA...I.KKGEDEVVGNETRIKVVKNKIAAPPFKEANTQIMYGGGFNREGELIDLVKHKMVEKKSAGAWYSYNGDK	296
NTDB id 1142 GTF74 RS11550 WP 000344154.1	LDIRRTGA...I.KKGEDEVVGNETRIKVVKNKIAAPPFKEANTQIMYGGGFNREGELIDLVKHKMVEKKSAGAWYSYNGDK	296
NTDB id 1205 PSJM300 05545 AFN77183.1	LDIRRTGA...V.KEGDEVVGNETRNVKVVKNKVAPPFRQAEEFDILYGGEGISWEGELIDLVKHKMVEKKSAGAWYSYNGDK	296
NTDB id 1022 ACIAD RS06390 WP 004925639.1	LDIRRIGQ...V.KEGDEIGSETKVVVKNKMAPPFREAIFFQILYGGKGVNQLGELVDLAVQQNIVQKAGAWYSYQGNK	296
NTDB id 1074 ABD1 RS10195 WP 000344167.1	LDIRRIGQ...V.KEGDEIVGSETKVVVKNKMAPPFKEAIFQILYGGKGTNQLGELVDLAVQQDIVQKAGAWYSYQGNK	296
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NTDB id 1313 DR RS12030 WP 010888966.1	IGQGKKEKTIAYIAERPMEQEIRDRVMAAIRAGNAGEAPALAPAPAA.....PEAAEA.....	363
NTDB id 217862 CGLAU RS07455 WP 095660141.1	LGQGGKEKARLFLKDNTELADEIEDKIFKALGVGAYAGKDAASDELSDDLVDMPVNIIDFDDDEDENDVNLPAQGS...	381
NTDB id 600 KW2 RS01765 WP 011675413.1	IGQGAEKAKKNYLKEHQDVDFEIDHKVRAAHGLDDSEVAETEETASKT.KAKAKKEEKAV..ETEEIELELED.....	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	IGQGSSENAKKYLAEHPFIFDEIDKQVRSKFGLEDGEEVSEQDTENKKDE.....PKKEEA....VNEEVPLDLGDELEIE	385
NTDB id 228 SPD RS09265 WP 001085462.1	IGQGSSENAKKYLAEHPFIFDEIDKQVRSKFGLEDGEEVSEQDTENKKDE.....PKKEEA....VNEEVPLDLGDELEIE	385
NTDB id 194 SPR RS08825 WP 001085462.1	IGQGSSENAKKYLAEHPFIFDEIDKQVRSKFGLEDGEEVSEQDTENKKDE.....PKKEEA....VNEEVPLDLGDELEIE	385
NTDB id 159 SP RS09750 WP 001085462.1	IGQGSSENAKKYLAEHPFIFDEIDKQVRSKFGLEDGEEVSEQDTENKKDE.....PKKEEA....VNEEVPLDLGDELEIE	385
NTDB id 499 SM12261 RS08315 WP 078228268.1	IGQGSSENAKKYLADNPEIFDEIDHQVVRVQFGLIDGEEIAES....KKDE.....AAQVDS....VNEEVTLDLGDELEIE	381
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IGQGSSENAKKYLADNPEVFAEIDHQVVRVQFGLIDGEEAAES....KKDE.....VAQVDS....VNEEVTLDLGDELEIE	381
NTDB id 453 Spy49 1753c ACI62003.1	IGQGSSENAKRYLADHPQLFDEIDRKRVRVKFGLLEESEESAMAVASE.....E.....TDDLALDLNGIEIE	377
NTDB id 408 SMU RS09530 WP 002262392.1	IGQGSSENAKKFLADNPEIFDDIDHKVVRVQYGLIEEDNTEEKQSSKEK.....ETDEK....ADKNLVLELDDTIELE	382
NTDB id 115 BSU 16940 NP 389576.2	LGQGGRENAKQFLKENKDIMLMIQEIQIREHYGLDNNGVVQQQAEETQEEL..EFE.E.....	348
NTDB id 625 LCA RS02525 WP 011374196.1	IGQGGRENAKNYLADHEDVEDEVRLKVRRAAYGISDVPEEDLPTTEDE.QI..NILPDDST.....EE.....	355
NTDB id 1245 Cj1673c YP 002345041.1	LGQGGRENSKAFLENPEIADEITKAIQNSMGIEGMISGSEDDE..GEE.....	343
NTDB id 1211 C694 RS00795 WP 000963128.1	LGQGGRENAKALLKEDKALADEITLTKESIGSNEEIMPLPDEP..LEEME.....	347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	LGQGGRENAKALLKEDKALADEITLTKESIGSNEEIMPLPDEP..LEEME.....	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	LGQGRDRTVKELTKDNPELAELEIAKIREKLQAK.....	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	IGQGGKNNAVKWLKENPEIADKLEQEIRNTLASNPNSVLKATASDSNDESDFVEEFSEEE.....L.....	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	IGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGT.....QDETGERPEE.....	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	IGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGT.....QDETGERPEE.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	IGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGT.....QDETGERPEE.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	IGQGRDNCREFLRENAELAREIENKVRHGLVTPMGAV.TLAEEVEED.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	IGQGGKANACKYLLKENPEIAKTLDKKLREMLLNPNMQLIAETSSAADDVEFGAVPEEF.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	IGQGGKANACKYLLKENPEIAKTLDKKLREMLLNPNMQLIAETSSAADDVEFGAVPEEF.....	354
NTDB id 1205 PSJM300 05545 AFN77183.1	IGQGGKANAAYLEENPEIGQIEEQIRAKLLVTSANTKATPVAEDLADADI.....	347
NTDB id 1022 ACIAD RS06390 WP 004925639.1	IGQGGKNNVIRYLEENPQISTEIEAVIREQLLTKASDQTA.A.HDETEEEDPDL..ES.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	IGQGGKNNVIRYFENNQIAEEIERNIREQLLTTGTNGAVQ.I.EDEEEDPDL..LES.....	349
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NTDB id 1313 DR RS12030 WP 010888966.1	...	363	
NTDB id 217862 CGLAU RS07455 WP 095660141.1	...	381	
NTDB id 600 KW2 RS01765 WP 011675413.1	...	387	
NTDB id 269 KZH43 RS08665 WP 001085462.1	IEE	388	
NTDB id 228 SPD RS09265 WP 001085462.1	IEE	388	
NTDB id 194 SPR RS08825 WP 001085462.1	IEE	388	
NTDB id 159 SP RS09750 WP 001085462.1	IEE	388	
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE	384	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384	
NTDB id 453 Spy49 1753c ACI62003.1	D..	378	
NTDB id 408 SMU RS09530 WP 002262392.1	D..	383	
NTDB id 115 BSU 16940 NP 389576.2	...	348	
NTDB id 625 LCA RS02525 WP 011374196.1	...	355	
NTDB id 1245 Cj1673c YP 002345041.1	...	343	
NTDB id 1211 C694 RS00795 WP 000963128.1	...	347	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	...	347	
NTDB id 1334 RAOC RS04870 WP 004918236.1	...	343	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	...	372	
NTDB id 1130 NGFG RS03960 WP 003688695.1	...	348	
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NTDB id 1123 OK783 RS03845 WP 003688695.1	...	348	
NTDB id 1427 RS RS02760 WP 011000510.1	...	352	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	...	354	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	...	354	
NTDB id 1205 PSJM300 05545 AFN77183.1	...	347	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	...	349	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	...	349	

consensus

 non conserved
 similar
 ≥ 50% conserved