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NTDB id 1313 DR RS12030 WP 010888966.1	TEIYGPESGGKTTLALAIIVAAQAQKAGGTC	AFIDAEHALDPVYARALGVNTDELLVSQPDN	GEQALEIMELLVRS	GAVD	153
NTDB id 600 KW2 RS01765 WP 011675413.1	VEIYGPESGGKTTVALHAVA	AAVQKEGGIAAFIDAENALDPEYAKALGVN	IDE	LLSQPDYGEQGLQIAEKLIT	155
NTDB id 269 KZH43 RS08665 WP 001085462.1	IEIYGPESGGKTTVALHAVA	AQAQKEGGIAAFIDAEHALDPAYAAALGVN	IDE	LLSQPDSGEQGLEIAGKLID	154
NTDB id 228 SPD RS09265 WP 001085462.1	IEIYGPESGGKTTVALHAVA	AQAQKEGGIAAFIDAEHALDPAYAAALGVN	IDE	LLSQPDSGEQGLEIAGKLID	154
NTDB id 194 SPR RS08825 WP 001085462.1	IEIYGPESGGKTTVALHAVA	AQAQKEGGIAAFIDAEHALDPAYAAALGVN	IDE	LLSQPDSGEQGLEIAGKLID	154
NTDB id 159 SP RS09750 WP 001085462.1	IEIYGPESGGKTTVALHAVA	AQAQKEGGIAAFIDAEHALDPAYAAALGVN	IDE	LLSQPDSGEQGLEIAGKLID	154
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEIYGPESGGKTTVALHAVA	AQAQKEGGIAAFIDAEHALDPAYAAALGVN	IDE	LLSQPDSGEQGLEIAGKLID	154
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEIYGPESGGKTTVALHAVA	AQAQKEGGIAAFIDAEHALDPAYAAALGVN	IDE	LLSQPDSGEQGLEIAGKLID	154
NTDB id 408 SMU RS09530 WP 002262392.1	VEIYGPESGGKTTVALHAVA	AQAQKDGGAFAFIDAEHALDPAYAAALGVN	IDE	LLSQPDSGEQGLEIAGKLID	154
NTDB id 453 Spy49 1753c ACI62003.1	IEIYGPESGGKTTVALHAVA	AQAQKEGGIAAFIDAEHALDPAYAAALGVN	IDE	LLSQPDSGEQGLEIAGKLID	154
NTDB id 115 BSU 16940 NP 389576.2	IEVYGPESGGKTTVALHAI	IAEVQQQGGQAFAFIDAEHALDPVYAQKLGVN	IE	LLSQPDTGEQALEIAEALV	139
NTDB id 625 LCA RS02525 WP 011374196.1	VEIYGPESGGKTTVALHAVA	AEVQKQGGTAAYIDAENAMD	PKYAT	ALGVNID	141
NTDB id 1245 Cj1673c YP 002345041.1	IEIYGPESGGKTTTLHII	IAEQKAGGVC	AFIDAEHALDVKYAKNLGVN	TD	140
NTDB id 1211 C694 RS00795 WP 000963128.1	IEIYGPESGGKTTLSLHI	IAEQKNGGVC	AFIDAEHALDVHYAKRLGVD	TEN	142
NTDB id 1214 NCTC11637 00359 SQJ03206.1	IEIYGPESGGKTTLSLHI	IAEQKNGGVC	AFIDAEHALDVHYAKRLGVD	TEN	142
NTDB id 1334 RAOC RS04870 WP 004918236.1	VEIYGPESGGKTTTLHAI	IAEAQVGGTA	AFIDAEHAFDMHYAEKLGIN	LE	149
NTDB id 306636 CVS54 RS10520 WP 046748328.1	VEIYGPESGGKTTTLHAI	IANAQRAGGIA	AFIDAEHALDPDYAAKLGVD	ID	142
NTDB id 1389 A4U84 RS07560 WP 021112712.1	VEIYGPESGGKTTTLSLI	IAQAQKGNKTC	AFIDAEHALDPVYARNLGVN	TDE	157
NTDB id 1130 NGFG RS03960 WP 003688695.1	VEIFGPESGGKTTLCLEA	VQAQCQKNGGVC	AFVDAEHAFDPVYARKLGVK	VE	141
NTDB id 1124 NGFG RS03960 WP 003688695.1	VEIFGPESGGKTTLCLEA	VQAQCQKNGGVC	AFVDAEHAFDPVYARKLGVK	VE	141
NTDB id 1123 OK783 RS03845 WP 003688695.1	VEIFGPESGGKTTLCLEA	VQAQCQKNGGVC	AFVDAEHAFDPVYARKLGVK	VE	141
NTDB id 1427 RS RS02760 WP 011000510.1	VEIYGPESGGKTTTLQV	VAAEMQKLGGTC	AFIDAEHALDVTYADKLGVK	VP	149
NTDB id 1165 A1552VC RS01565 WP 000344154.1	VEIFGPESGGKTTTLELI	IAAAQREGKTC	AFIDAEHALDPVYAKKLGVN	ID	140
NTDB id 1142 GTF74 RS11550 WP 000344154.1	VEIFGPESGGKTTTLELI	IAAAQREGKTC	AFIDAEHALDPVYAKKLGVN	ID	140
NTDB id 1205 PSJM300 05545 AFN77183.1	VEIYGPESGGKTTTL	LSVIAAAQRMGSTC	AFVDAEHALDPDYAGKLGVN	V	140
NTDB id 1022 ACIAD RS06390 WP 004925639.1	VEIYGPESGGKTTMTL	QAIQAQCQKAGGTC	AFIDAEHALDPQYARKLGVD	ID	140
NTDB id 1074 ABD1 RS10195 WP 000344167.1	IEIYGPESGGKTTMTL	QAIQAQCQKSGGTC	AFIDAEHALDPQYARKLGVD	ID	140
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		EE	
NTDB id 1313 DR RS12030 WP 010888966.1	..	363	
NTDB id 600 KW2 RS01765 WP 011675413.1	..	387	
NTDB id 269 KZH43 RS08665 WP 001085462.1	EE	388	
NTDB id 228 SPD RS09265 WP 001085462.1	EE	388	
NTDB id 194 SPR RS08825 WP 001085462.1	EE	388	
NTDB id 159 SP RS09750 WP 001085462.1	EE	388	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	EE	384	
NTDB id 499 SM12261 RS08315 WP 078228268.1	EE	384	
NTDB id 408 SMU RS09530 WP 002262392.1	..	383	
NTDB id 453 Spy49 1753c ACI62003.1	..	378	
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 306636 CVS54 RS10520 WP 046748328.1	..	349	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	..	372	
NTDB id 1130 NGFG RS03960 WP 003688695.1	..	348	
NTDB id 1124 NGFG RS03960 WP 003688695.1	..	348	
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