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NTDB id 600 KW2 RS01765 WP 011675413.1	IVEIYGPESGKTTVALHAVA AVQKEGGIAAFIDAEHALDPYAKALGVNIDELLSQPDYGEQGLQIAEKLITSGAVDL	154
NTDB id 269 KZH43 RS08665 WP 001085462.1	IVEIYGPESGKTTVALHAVAQAQKEGGIAAFIDAEHALDPAYAAALGVNIDELLSQPDYGEQGLEIAGKLIDSGAVDL	153
NTDB id 228 SPD RS09265 WP 001085462.1	IVEIYGPESGKTTVALHAVAQAQKEGGIAAFIDAEHALDPAYAAALGVNIDELLSQPDYGEQGLEIAGKLIDSGAVDL	153
NTDB id 194 SPR RS08825 WP 001085462.1	IVEIYGPESGKTTVALHAVAQAQKEGGIAAFIDAEHALDPAYAAALGVNIDELLSQPDYGEQGLEIAGKLIDSGAVDL	153
NTDB id 159 SP RS09750 WP 001085462.1	IVEIYGPESGKTTVALHAVAQAQKEGGIAAFIDAEHALDPAYAAALGVNIDELLSQPDYGEQGLEIAGKLIDSGAVDL	153
NTDB id 499 SM12261 RS08315 WP 078228268.1	IVEIYGPESGKTTVALHAVAQAQKEGGIAAFIDAEHALDPAYAAALGVNIDELLSQPDYGEQGLEIAGKLIDSGAVDL	153
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IVEIYGPESGKTTVALHAVAQAQKEGGIAAFIDAEHALDPAYAAALGVNIDELLSQPDYGEQGLEIAGKLIDSGAVDL	153
NTDB id 453 Spy49 1753c ACI62003.1	IVEIYGPESGKTTVALHAVAQAQKEGGIAAFIDAEHALDPAYAAALGVNIDELLSQPDYGEQGLEIAGKLIDSGAVDL	153
NTDB id 408 SMU RS09530 WP 002262392.1	IVEIYGPESGKTTVALHAVAQAQKDGGAIAAFIDAEHALDPAYAAALGVNIDELLSQPDYGEQGLEIAGKLIDSGAVDL	153
NTDB id 115 BSU 16940 NP 389576.2	IVEVYGPESGKTTVALHAVA EVQQQGGQAFAFIDAEHALDPVYAQKLGVMIDELLSQPDYGEQALEIAEALVRSGAVDI	138
NTDB id 625 LCA RS02525 WP 011374196.1	IVEIYGPESGKTTVALHAVA EVVQKGGTAAYIDAEHALDPAKPKYATALGVNIDELLSQPDYGEQGLEIADALVSSGAVDI	140
NTDB id 1313 DR RS12030 WP 010888966.1	ITEIYGPESGKTTVALAIVAAQKAGGTCFAFIDAEHALDPVYARALGVNIDELLSQPDYGEQALEIMELLVRSGLIDV	152
NTDB id 1245 Cj1673c YP 002345041.1	IVEIYGPESGKTTTLHLIIAECQKAGGVCAFIDAEHALDVKYAKNLGVNIDELLSQPDYGEQALEIVETIARSGAVDL	139
NTDB id 1214 NCTC11637 00359 SQJ03206.1	IVEIYGPESGKTTLSLHIIAECQKNGGVCAFIDAEHALDVHYAKRLGVDIENLLVSPDYGQALEILETITRSGIDL	141
NTDB id 1211 C694 RS00795 WP 000963128.1	IVEIYGPESGKTTLSLHIIAECQKNGGVCAFIDAEHALDVHYAKRLGVDIENLLVSPDYGQALEILETITRSGIDL	141
NTDB id 1334 RAOC RS04870 WP 004918236.1	IVEIYGPESGKTTTLHLIIA EAQKVGTAFAFIDAEHALDFMHYAEKLGINLEELIVSPDNGEQALEIADSLTRSGVDI	148
NTDB id 1389 A4U84 RS07560 WP 021112712.1	IVEIYGPESGKTTTLSSLIAQAQKGNKTCFAFIDAEHALDPVYARNLGVMIDELLSQPDYGEQALEICDALVRSGAVDV	156
NTDB id 1130 NGFG RS03960 WP 003688695.1	IVEIFGPESGKTTLCLEAVAQCQKNGGVCAFVDAEHAFFDPVYARKLGVKVEELYSQPDYGEQALEICDTLVRSGGIDM	140
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NTDB id 1123 OK783 RS03845 WP 003688695.1	IVEIFGPESGKTTLCLEAVAQCQKNGGVCAFVDAEHAFFDPVYARKLGVKVEELYSQPDYGEQALEICDTLVRSGGIDM	140
NTDB id 1427 RS RS02760 WP 011000510.1	VVEIYGPESGKTTTLQVVAEMQKLGTCFAFIDAEHALDVTYADKLGVKVDPDLLSQPDYGEQALEIADALVRSGVDL	148
NTDB id 1133025 JLZ97 RS05535 WP 000963143.1	IVEIYGPESGKTTTLQVIAAAQREGKTCFAFIDAEHALDPVYARKLGVDIDNLLSQPDYGEQALEICDALARSGAVDV	141
NTDB id 1165 A1552VC RS01565 WP 000344154.1	IVEIFGPESGKTTTLELIAAAQREGKTCFAFIDAEHALDPVYAKKLGVMIDELLSQPDYGEQALEICDALARSGAVDV	139
NTDB id 1142 GTF74 RS11550 WP 000344154.1	IVEIFGPESGKTTTLELIAAAQREGKTCFAFIDAEHALDPVYAKKLGVMIDELLSQPDYGEQALEICDALARSGAVDV	139
NTDB id 1205 PSJM300 05545 AFN77183.1	IVEIYGPESGKTTTLQVIAAAQRMGSTCAFVDAEHALDPDYAGKLGVMIDELLSQPDYGEQALEITDMLVRSNVAVDV	139
NTDB id 1022 ACIAD RS06390 WP 004925639.1	IVEIYGPESGKTTMTLQAIQAQCQKAGGTCFAFIDAEHALDPQYARKLGVDIDNLLVSPDHYGEQALEIADMLVRSGATDL	139
NTDB id 1074 ABD1 RS10195 WP 000344167.1	IVEIYGPESGKTTMTLQAIQAQCQKSGGTCFAFIDAEHALDPQYARKLGVDIDNLLVSPDNGEQALEIADMLVRSGATDL	139
consensus	**!* **!!!!*!!!!* *! **!* !* ** !**!!!!*!* *!! !!* ** **!* **!* !!!* **!* * **!* **!* *	

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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
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consensus
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LEE

non conserved
 similar
 ≥ 50% conserved