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NTDB id 600 KW2 RS01765 WP 011675413.1	VEIYGPESSGKTTVALHAVA	AAVQKEGGIAAFIDAENALDPEYAKALGVMIDELLSQPDYGEQGLEIAGKLI	ITSGAVD	LV	155	
NTDB id 269 KZH43 RS08665 WP 001085462.1	VEIYGPESSGKTTVALHAVA	QAQKEGGIAAFIDAEEHALDPAYAAALGVMIDELLSQPDSGEQGLEIAGKLI	ITSGAVD	LV	154	
NTDB id 228 SPD RS09265 WP 001085462.1	VEIYGPESSGKTTVALHAVA	QAQKEGGIAAFIDAEEHALDPAYAAALGVMIDELLSQPDSGEQGLEIAGKLI	ITSGAVD	LV	154	
NTDB id 194 SPR RS08825 WP 001085462.1	VEIYGPESSGKTTVALHAVA	QAQKEGGIAAFIDAEEHALDPAYAAALGVMIDELLSQPDSGEQGLEIAGKLI	ITSGAVD	LV	154	
NTDB id 159 SP RS09750 WP 001085462.1	VEIYGPESSGKTTVALHAVA	QAQKEGGIAAFIDAEEHALDPAYAAALGVMIDELLSQPDSGEQGLEIAGKLI	ITSGAVD	LV	154	
NTDB id 499 SM12261 RS08315 WP 078228268.1	VEIYGPESSGKTTVALHAVA	QAQKEGGIAAFIDAEEHALDPAYAAALGVMIDELLSQPDSGEQGLEIAGKLI	ITSGAVD	LV	154	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	VEIYGPESSGKTTVALHAVA	QAQKEGGIAAFIDAEEHALDPAYAAALGVMIDELLSQPDSGEQGLEIAGKLI	ITSGAVD	LV	154	
NTDB id 408 SMU RS09530 WP 002262392.1	VEIYGPESSGKTTVALHAVA	QAQKGGIAAFIDAEEHALDPAYAAALGVMIDELLSQPDSGEQGLEIAGKLI	ITSGAVD	LV	154	
NTDB id 453 Spy49 1753c ACI62003.1	VEIYGPESSGKTTVALHAVA	QAQKEGGIAAFIDAEEHALDPAYAAALGVMIDELLSQPDSGEQGLEIAGKLI	ITSGAVD	LV	154	
NTDB id 115 BSU 16940 NP 389576.2	VEIYGPESSGKTTVALHAVA	AEVQKGGQAAFIDAEEHALDPVYAKKLGVMIDELLSQPDIGEQALETAEAL	VRSGAVD	IV	139	
NTDB id 625 LCA RS02525 WP 011374196.1	VEIYGPESSGKTTVALHAVA	AEVQKGGTAAYIDAENALDMPKYATALGVMIDELLSQPDIGEQALETADAL	VSSGAVD	IL	141	
NTDB id 1313 DR RS12030 WP 010888966.1	TEIYGPESSGKTTVALHAVA	AEVQKAGGTCAFIDAEEHALDPVYARALGVMIDELLSQPDN	GEQALETIMELL	VRSGA	IVV	
NTDB id 1245 Cj1673c YP 002345041.1	VEIYGPESSGKTTVALHAVA	AEVQKAGGTCAFIDAEEHALDPVYAKKLGVMIDELLSQPDF	GEQALETIVET	VRSGAVD	LI	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	VEIYGPESSGKTTVALHAVA	AEVQKNGGTCAFIDAEEHALDVHYAKRRLGVDTENLLV	SQPDIGEQALETETI	TRSGG	IDL	
NTDB id 1211 C694 RS00795 WP 000963128.1	VEIYGPESSGKTTVALHAVA	AEVQKNGGTCAFIDAEEHALDVHYAKRRLGVDTENLLV	SQPDIGEQALETETI	TRSGG	IDL	
NTDB id 1334 RAOC RS04870 WP 004918236.1	VEIYGPESSGKTTVALHAVA	AEVQKNGGTCAFIDAEEHALDVHYAKRRLGVDTENLLV	SQPDIGEQALETETI	TRSGG	IDL	
NTDB id 1001684 V5734 RS11185 WP 347309746.1	VEIYGPESSGKTTVALHAVA	AEVQKNGGTCAFIDAEEHALDPVYAKKLGVMIDELLSQPDIGEQALETIVD	TLVRSGAV	SL	LV	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	VEIYGPESSGKTTVALHAVA	AEVQKNGGTCAFIDAEEHALDPVYARNLGVMIDELLSQPDN	GEQALETICDAL	VRSGAVD	VI	
NTDB id 1130 NGFG RS03960 WP 003688695.1	VEIFGPESSGKTTVALHAVA	AEVQKNGGTCAFIDAEEHALDPVYARKLGVKVEELYL	SQPDIGEQALETICD	TLVRSGG	IDMV	
NTDB id 1124 NGFG RS03960 WP 003688695.1	VEIFGPESSGKTTVALHAVA	AEVQKNGGTCAFIDAEEHALDPVYARKLGVKVEELYL	SQPDIGEQALETICD	TLVRSGG	IDMV	
NTDB id 1123 OK783 RS03845 WP 003688695.1	VEIFGPESSGKTTVALHAVA	AEVQKNGGTCAFIDAEEHALDPVYARKLGVKVEELYL	SQPDIGEQALETICD	TLVRSGG	IDMV	
NTDB id 1427 RS RS02760 WP 011000510.1	VEIYGPESSGKTTVALHAVA	AEVQKNGGTCAFIDAEEHALDVYADKLGVKVDPDLL	SQPDIGEQALETADAL	VRSG	VDLI	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	VEIFGPESSGKTTVALHAVA	AEVQKNGGTCAFIDAEEHALDPVYAKKLGVMIDELLSQPDIGEQALETICDAL	VRSGAVD	VI	140	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	VEIFGPESSGKTTVALHAVA	AEVQKNGGTCAFIDAEEHALDPVYAKKLGVMIDELLSQPDIGEQALETICDAL	VRSGAVD	VI	140	
NTDB id 1205 PSJM300 05545 AFN77183.1	VEIYGPESSGKTTVALHAVA	AEVQKNGGTCAFIDAEEHALDPVYAKKLGVMIDELLSQPDIGEQALETIDML	VRSN	AVD	VI	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	VEIYGPESSGKTTVALHAVA	AEVQKNGGTCAFIDAEEHALDPVYARKLGVDIDNLLV	SQPDHGEQALETADML	VRSGA	IDL	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	VEIYGPESSGKTTVALHAVA	AEVQKNGGTCAFIDAEEHALDPVYARKLGVDIDNLLV	SQPDN	GEQALETADML	VRSGA	IDL
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NTDB id 600 KW2 RS01765 WP 011675413.1	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	E	I	E	E	388
NTDB id 228 SPD RS09265 WP 001085462.1	E	I	E	E	388
NTDB id 194 SPR RS08825 WP 001085462.1	E	I	E	E	388
NTDB id 159 SP RS09750 WP 001085462.1	E	I	E	E	388
NTDB id 499 SM12261 RS08315 WP 078228268.1	E	I	E	E	384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	E	I	E	E	384
NTDB id 408 SMU RS09530 WP 002262392.1	E	D	.	.	383
NTDB id 453 Spy49 1753c ACI62003.1	E	D	.	.	378
NTDB id 115 BSU 16940 NP 389576.2	.	.	.	.	348
NTDB id 625 LCA RS02525 WP 011374196.1	.	.	.	.	355
NTDB id 1313 DR RS12030 WP 010888966.1	.	.	.	.	363
NTDB id 1245 Cj1673c YP 002345041.1	.	.	.	.	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.	.	.	.	347
NTDB id 1211 C694 RS00795 WP 000963128.1	.	.	.	.	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	.	.	.	.	343
NTDB id 1001684 V5734 RS11185 WP 347309746.1	.	.	.	.	357
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