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NTDB id 600 KW2 RS01765 WP 011675413.1	VEIYGPESSGKTTVALHAVA	AAVQK	EGGI	AAFIDAENALDPEYAKALGVN	IDE	LLSQPDYGEQGLQIAEK	LITSGAVDLV	155		
NTDB id 269 KZH43 RS08665 WP 001085462.1	IEIYGPESSGKTTVALHAVA	AQAQK	EGGI	AAFIDAEHALDPAYAAALGVN	IDE	LLSQPDSGEQGLEIAGKL	IDSGAVDLV	154		
NTDB id 228 SPD RS09265 WP 001085462.1	IEIYGPESSGKTTVALHAVA	AQAQK	EGGI	AAFIDAEHALDPAYAAALGVN	IDE	LLSQPDSGEQGLEIAGKL	IDSGAVDLV	154		
NTDB id 194 SPR RS08825 WP 001085462.1	IEIYGPESSGKTTVALHAVA	AQAQK	EGGI	AAFIDAEHALDPAYAAALGVN	IDE	LLSQPDSGEQGLEIAGKL	IDSGAVDLV	154		
NTDB id 159 SP RS09750 WP 001085462.1	IEIYGPESSGKTTVALHAVA	AQAQK	EGGI	AAFIDAEHALDPAYAAALGVN	IDE	LLSQPDSGEQGLEIAGKL	IDSGAVDLV	154		
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEIYGPESSGKTTVALHAVA	AQAQK	EGGI	AAFIDAEHALDPAYAAALGVN	IDE	LLSQPDSGEQGLEIAGKL	IDSGAVDLV	154		
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEIYGPESSGKTTVALHAVA	AQAQK	EGGI	AAFIDAEHALDPAYAAALGVN	IDE	LLSQPDSGEQGLEIAGKL	IDSGAVDLV	154		
NTDB id 408 SMU RS09530 WP 002262392.1	VEIYGPESSGKTTVALHAVA	AQAQK	DGGI	AAFIDAEHALDPAYAAALGVN	IDE	LLSQPDSGEQGLEIAGKL	IDSGAVDLV	154		
NTDB id 453 Spy49 1753c ACI62003.1	IEIYGPESSGKTTVALHAVA	AQAQK	EGGI	AAFIDAEHALDPAYAAALGVN	IDE	LLSQPDSGEQGLEIAGKL	IDSGAVDLV	154		
NTDB id 115 BSU 16940 NP 389576.2	IEVYGPESSGKTTVALHAVA	AEVQQ	GGQA	AFIDAEHALDPVYAQKLGVN	IE	LLSQPDTGEQALEIAE	ALVRSGAVDIV	139		
NTDB id 625 LCA RS02525 WP 011374196.1	VEIYGPESSGKTTVALHAVA	AEVQQ	GGTA	YIDAENAMDPKYATALGVN	ID	LLSQPDTGEQGLEIAD	ALVSSGAVDIL	141		
NTDB id 1313 DR RS12030 WP 010888966.1	TEIYGPESSGKTTVALHAVA	AQAQK	AGGTC	AFIDAEHALDPVYARALGVN	TD	ELLVSPDNNGEQALEI	ME	LLVRSGATDVV	153	
NTDB id 1245 Cj1673c YP 002345041.1	IEIYGPESSGKTTVALHAVA	AEVQQ	GGTA	AFIDAEHALDVKYAKNLGVN	TD	LVVSPDFGEQALEIVE	TI	ARSGAVDLI	140	
NTDB id 1211 C694 RS00795 WP 000963128.1	IEIYGPESSGKTTVALHAVA	AQAQK	GGVCA	AFIDAEHALDVHYAKRLGVD	TE	NLLVSPDTGEQALEILE	TI	TRSGIDLIV	142	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	IEIYGPESSGKTTVALHAVA	AQAQK	GGVCA	AFIDAEHALDVHYAKRLGVD	TE	NLLVSPDTGEQALEILE	TI	TRSGIDLIV	142	
NTDB id 1334 RAOC RS04870 WP 004918236.1	VEIYGPESSGKTTVALHAVA	AEVQQ	GGTA	AFIDAEHALDVMHYAEKLGIN	LE	ELVSPDNNGEQALEIA	D	SLTRSGVDIV	149	
NTDB id 1130 NGFG RS03960 WP 003688695.1	VEIFGPESSGKTTVALHAVA	AQAQK	GGVCA	AFVDAEHAFFDPVYARKLGVK	VE	EELYLSQPDTGEQALEI	C	D	TLVRSGGIDMV	141
NTDB id 1124 NGFG RS03960 WP 003688695.1	VEIFGPESSGKTTVALHAVA	AQAQK	GGVCA	AFVDAEHAFFDPVYARKLGVK	VE	EELYLSQPDTGEQALEI	C	D	TLVRSGGIDMV	141
NTDB id 1123 OK783 RS03845 WP 003688695.1	VEIFGPESSGKTTVALHAVA	AQAQK	GGVCA	AFVDAEHAFFDPVYARKLGVK	VE	EELYLSQPDTGEQALEI	C	D	TLVRSGGIDMV	141
NTDB id 50346 H1204 RS02840 WP 180729735.1	VEIYGPESSGKTTVALHAVA	AQAQK	GGTA	AFIDAEHALDIQYAKKLGVN	VS	ELLVSPDTGEQALEIA	D	ALVRSGSIDMI	151	
NTDB id 1427 RS RS02760 WP 011000510.1	VEIYGPESSGKTTVALHAVA	AQAQK	GGTC	AFIDAEHALDVTYADKLGKVP	D	LLSQPDTGEQALEIA	D	ALVRSGSVDLI	149	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	VEIYGPESSGKTTVALHAVA	AQAQK	GNKTC	AFIDAEHALDPVYARNLGVN	TD	ELLVSPDNNGEQALEI	C	D	ALVRSGAVDVI	157
NTDB id 1165 A1552VC RS01565 WP 000344154.1	VEIFGPESSGKTTVALHAVA	AEVQQ	REGKTC	AFIDAEHALDPVYAKKLGVN	TD	ELLVSPDTGEQALEI	C	D	ALARSGAVDVI	140
NTDB id 1142 GTF74 RS11550 WP 000344154.1	VEIFGPESSGKTTVALHAVA	AEVQQ	REGKTC	AFIDAEHALDPVYAKKLGVN	TD	ELLVSPDTGEQALEI	C	D	ALARSGAVDVI	140
NTDB id 1022 ACIAD RS06390 WP 004925639.1	VEIYGPESSGKTTVALHAVA	AQAQK	AGGTC	AFIDAEHALDPQYARKLGVD	ID	NLLVSPDHGEQALEIA	D	M	LVRSGATDLI	140
NTDB id 1074 ABD1 RS10195 WP 000344167.1	IEIYGPESSGKTTVALHAVA	AQAQK	SGGTC	AFIDAEHALDPQYARKLGVD	ID	NLLVSPDNNGEQALEIA	D	M	LVRSGATDLI	140
NTDB id 1205 PSJM300 05545 AFN77183.1	VEIYGPESSGKTTVALHAVA	AEVQQ	RMGSTC	AFVDAEHALDPDYAGKLGVN	VD	LLVSPDTGEQALEIT	D	M	LVRSNVAVDVI	140
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	...	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	...	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	...	349
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consensus

 non conserved
 similar
 ≥ 50% conserved