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NTDB id 600 KW2 RS01765 WP 011675413.1	VV	IDSVAAL	VPKAEI	DGEI	GDS	SVGLQAR	MSQAM	RKLAGH	IN	TKT	TA	IFINQ	REKV	GVM	FGS	PETTT	GG	RALKFYA	233															
NTDB id 269 KZH43 RS08665 WP 001085462.1	VVV	DSVAAL	VPRAEID	GDI	GDSHV	GLQAR	MSQAM	RKLGAS	IN	TKT	TA	IFINQ	REKV	GVM	FCN	PETTT	GG	RALKFYA	232															
NTDB id 228 SPD RS09265 WP 001085462.1	VVV	DSVAAL	VPRAEID	GDI	GDSHV	GLQAR	MSQAM	RKLGAS	IN	TKT	TA	IFINQ	REKV	GVM	FCN	PETTT	GG	RALKFYA	232															
NTDB id 194 SPR RS08825 WP 001085462.1	VVV	DSVAAL	VPRAEID	GDI	GDSHV	GLQAR	MSQAM	RKLGAS	IN	TKT	TA	IFINQ	REKV	GVM	FCN	PETTT	GG	RALKFYA	232															
NTDB id 159 SP RS09750 WP 001085462.1	VVV	DSVAAL	VPRAEID	GDI	GDSHV	GLQAR	MSQAM	RKLGAS	IN	TKT	TA	IFINQ	REKV	GVM	FCN	PETTT	GG	RALKFYA	232															
NTDB id 527 SMSK321 RS11065 WP 001085454.1	VVV	DSVAAL	VPRAEID	GDI	GDSHV	GLQAR	MSQAM	RKLGAS	IN	TKT	TA	IFINQ	REKV	GVM	FCN	PETTT	GG	RALKFYA	232															
NTDB id 499 SM12261 RS08315 WP 078228268.1	VVV	DSVAAL	VPRAEID	GDI	GDSHV	GLQAR	MSQAM	RKLGAS	IN	TKT	TA	IFINQ	REKV	GVM	FCN	PETTT	GG	RALKFYA	232															
NTDB id 453 Spy49 1753c ACI62003.1	VVV	DSVAAL	VPRAEID	GDI	GDSHV	GLQAR	MSQAM	RKLSAS	IN	TKT	TA	IFINQ	REKV	GVM	FCN	PETTT	GG	RALKFYA	232															
NTDB id 408 SMU RS09530 WP 002262392.1	VVV	DSVAAL	VPRAEID	GDI	GDSHV	GLQAR	MSQAM	RKLSAS	IN	TKT	TA	IFINQ	REKV	GVM	FCN	PETTT	GG	RALKFYA	232															
NTDB id 115 BSU 16940 NP 389576.2	VVV	DSVAAL	VPKAEI	DGEI	GDS	SVGLQAR	MSQAL	RKLSGAI	IN	SKT	TA	IFINQ	REKV	GVM	FCN	PETTT	GG	RALKFYA	217															
NTDB id 625 LCA RS02525 WP 011374196.1	L	VV	DSVAAL	VPRAEI	DGEI	MGDA	HVGLQAR	MSQAL	RKLSG	TIN	TKT	TA	IFINQ	REKV	GVM	FCN	PE	VTP	GG	RALKFYA	219													
NTDB id 1313 DR RS12030 WP 010888966.1	VVV	DSVAAL	TPRAEID	DGEI	MGDS	LP	GLQAR	MSQAL	RKLT	AI	L	SKT	GTAA	IFINQ	VREK	I	GVM	Y	CN	PETTT	GG	RALKFYA	231											
NTDB id 1245 Cj1673c YP 002345041.1	I	VV	DSVAAL	TPKAEI	DGEI	MGD	QH	VGLQAR	MSQAL	RKLT	G	I	VH	KMNT	TV	I	FINQ	IR	MK	I	GAM	GY	CT	PETTT	GG	NALKFYA	219							
NTDB id 1214 NCTC11637 00359 SQJ03206.1	VVV	DSVAAL	TPKAEI	DGEI	MGD	QH	VGLQAR	MSH	ALRK	I	T	G	V	L	H	KMNT	T	L	I	FINQ	IR	MK	I	GAM	GY	CT	PETTT	GG	NALKFYA	221				
NTDB id 1211 C694 RS00795 WP 000963128.1	VVV	DSVAAL	TPKAEI	DGEI	MGD	QH	VGLQAR	MSH	ALRK	I	T	G	V	L	H	KMNT	T	L	I	FINQ	IR	MK	I	GAM	GY	CT	PETTT	GG	NALKFYA	221				
NTDB id 1334 RAOC RS04870 WP 004918236.1	VVV	DSVAAL	TPKAEI	DGEI	MGDS	KM	GLH	AR	MSQAL	RKLT	S	S	I	S	K	T	K	C	T	V	I	FINQ	IR	D	K	I	GVM	FGS	PETTT	GG	NALKFYA	227		
NTDB id 1389 A4U84 RS07560 WP 021112712.1	I	I	V	DSVAAL	TPKAEI	DGEI	MGDS	H	M	GLQAR	MSQAL	RKLT	A	N	I	K	N	T	N	C	L	V	V	I	FINQ	IR	MK	I	GVM	FCN	PETTT	GG	NALKFYA	235
NTDB id 1130 NGFG RS03960 WP 003688695.1	VVV	DSVAAL	VPKAEI	DGEI	MGDS	H	VGLQAR	MSQAL	RKLT	G	H	I	K	K	T	N	T	L	V	V	I	FINQ	IR	MK	I	GVM	FGS	PETTT	GG	NALKFYA	219			
NTDB id 1124 NGFG RS03960 WP 003688695.1	VVV	DSVAAL	VPKAEI	DGEI	MGDS	H	VGLQAR	MSQAL	RKLT	G	H	I	K	K	T	N	T	L	V	V	I	FINQ	IR	MK	I	GVM	FGS	PETTT	GG	NALKFYA	219			
NTDB id 1123 OK783 RS03845 WP 003688695.1	VVV	DSVAAL	VPKAEI	DGEI	MGDS	H	VGLQAR	MSQAL	RKLT	G	H	I	K	K	T	N	T	L	V	V	I	FINQ	IR	MK	I	GVM	FGS	PETTT	GG	NALKFYA	219			
NTDB id 1427 RS RS02760 WP 011000510.1	I	V	I	DSVAAL	VPKAEI	DGEI	MGDA	L	P	GLQAR	MSQAL	RKLT	G	T	I	K	R	T	N	C	L	V	V	I	FINQ	IR	MK	I	GVM	FGS	PETTT	GG	NALKFYA	227
NTDB id 981353 AAFX12 RS02510 WP 005380874.1	M	V	V	DSVAAL	TPKAEI	DGEI	MGDS	H	M	GLQAR	MSQAM	RKLT	G	N	L	K	Q	S	N	C	M	C	I	FINQ	IR	MK	I	GVM	FCN	PETTT	GG	NALKFYA	218	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	I	V	V	DSVAAL	TPKAEI	DGEI	MGDS	H	M	GLQAR	MSQAM	RKLT	G	N	L	K	Q	S	N	C	M	C	I	FINQ	IR	MK	I	GVM	FCN	PETTT	GG	NALKFYA	218	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	I	V	V	DSVAAL	TPKAEI	DGEI	MGDS	H	M	GLQAR	MSQAM	RKLT	G	N	L	K	Q	S	N	C	M	C	I	FINQ	IR	MK	I	GVM	FCN	PETTT	GG	NALKFYA	218	
NTDB id 1205 PSJM300 05545 AFN77183.1	I	I	V	DSVAAL	VPKAEI	DGEI	MGDA	H	VGLQAR	MSQAL	RKLT	G	N	L	K	N	A	N	C	L	V	V	I	FINQ	IR	MK	I	GVM	FGS	PETTT	GG	NALKFYA	218	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	I	V	V	DSVAAL	TPKAEI	DGEI	MGDS	H	M	GLQAR	MSQAL	RKLT	G	N	A	K	R	S	N	C	M	V	I	FINQ	IR	MK	I	GVM	FGS	PETTT	GG	NALKFYA	218	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	L	V	V	DSVAAL	TPKAEI	DGEI	MGDS	H	M	GLQAR	MSQAL	RKLT	G	N	A	K	R	S	N	C	M	V	I	FINQ	IR	MK	I	GVM	FGS	PETTT	GG	NALKFYA	218	
consensus		***	!!!!!!	!	*!!!!	*!!!!	*!!!!	*!!!!	*!!!!	*!!!!	*!!!!	*!!!!	*!!!!	*!!!!	*	**	*	*	*	*	*	*	!!!!!!	*!	!*!*	*!	!!*!	!!	!!!!!!	*				

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NTDB id 600 KW2 RS01765 WP 011675413.1
 NTDB id 269 KZH43 RS08665 WP 001085462.1
 NTDB id 228 SPD RS09265 WP 001085462.1
 NTDB id 194 SPR RS08825 WP 001085462.1
 NTDB id 159 SP RS09750 WP 001085462.1
 NTDB id 527 SMSK321 RS11065 WP 001085454.1
 NTDB id 499 SM12261 RS08315 WP 078228268.1
 NTDB id 453 Spy49 1753c ACI62003.1
 NTDB id 408 SMU RS09530 WP 002262392.1
 NTDB id 115 BSU 16940 NP 389576.2
 NTDB id 625 LCA RS02525 WP 011374196.1
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 NTDB id 1214 NCTC11637 00359 SQJ03206.1
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 NTDB id 981353 AAFX12 RS02510 WP 005380874.1
 NTDB id 1165 A1552VC RS01565 WP 000344154.1
 NTDB id 1142 GTF74 RS11550 WP 000344154.1
 NTDB id 1205 PSJM300 05545 AFN77183.1
 NTDB id 1022 ACIAD RS06390 WP 004925639.1
 NTDB id 1074 ABD1 RS10195 WP 000344167.1
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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 527 SMSK321 RS11065 WP 001085454.1 IEE 384
NTDB id 499 SM12261 RS08315 WP 078228268.1 IEE 384
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NTDB id 1022 ACIAD RS06390 WP 004925639.1 ... 349
NTDB id 1074 ABD1 RS10195 WP 000344167.1 ... 349
consensus
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 non conserved
 similar
 ≥ 50% conserved