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NTDB id 601 KW2 RS02615 WP 021036805.1	MLCQNCNINEA.....TI	13
NTDB id 378 SMU RS02690 WP 002263569.1	MLCQNCNINEA.....TI	13
NTDB id 241 SP RS04015 WP 000882523.1	MLCQNCNINDS.....TI	13
NTDB id 281 KZH43 RS03550 WP 000882517.1	MLCQNCNINDS.....TI	13
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NTDB id 243 SPR RS03635 WP 000882517.1	MLCQNCNINDS.....TI	13
NTDB id 85498 WHT RS00525 WP 000971183.1	..MMFGRFTERAQKVLALSQEEAIRIGHNNIGTEHILLGLVREGEGIAAKALIALGLSPEKVQKEVEALIG.....RGTEAS	75
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEGIAAKALQALGLGSEKIQKEVESLIG.....RGQEMS	75
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYPTLDRILEKAEYEAHQYQYGTIESAHLLEAMATTSGSIAYSLLAGMNVDSDDLIDL.....EDLSSHVKVKR	77
NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVA GHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYSQDET	75
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVA GHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYSQDET	75
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVA GHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYSQDET	75
NTDB id 377 SMU RS09275 WP 002262344.1	MTDYS LKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFADVRFEDYQAAAILAIGKKPKSSSN..DI	79
NTDB id 297 STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLEAERFESPFL ETWHVLLAMVEVTGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLSESDII	81
NTDB id 329 STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFL ETWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLSESDII	81
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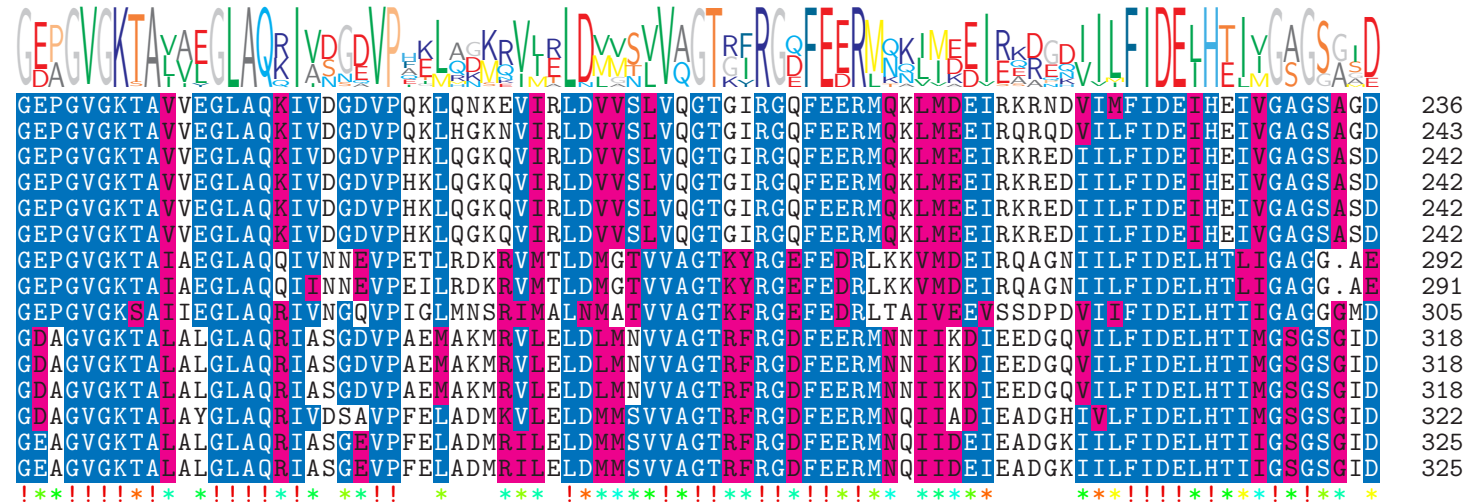
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NTDB	id	378	SMU	RS02690	WP	002263569.1	HL	Y	A	N	V	N	G	Q	K	K	Q	I	D	L	C	N	C	Y	Q	I	...	M	K	T	D	P	E	N	G	P	L	N	H	I	S	Q	N	S	S		I	N	P	F	F	D	D	F	F	G	D	L	N	N	F	R	A	F	N	N	Q	D	L	P	N		80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
NTDB	id	241	SP	RS04015	WP	000882523.1	HL	Y	T	N	L	N	G	K	Q	K	Q	I	D	L	C	N	C	Y	K	I	...	I	K	T	D	P	N	N	S	L	F	K	G	M	T	D	L	N	N	R	D		F	D	P	.	F	G	D	F	F	N	D	L	N	N	F	R	P	S	S	N	..	T	P		77																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
NTDB	id	281	KZH43	RS03550	WP	000882517.1	HL	Y	T	N	L	N	G	K	Q	K	Q	I	D	L	C	N	C	Y	K	I	...	I	K	T	D	P	N	N	S	L	F	K	G	M	T	D	L	N	N	R	D		F	D	P	.	F	G	D	F	F	N	D	L	N	N	F	R	P	S	S	N	..	T	P		77																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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NTDB	id	243	SPR	RS03635	WP	000882517.1	HL	Y	T	N	L	N	G	K	Q	K	Q	I	D	L	C	N	C	Y	K	I	...	I	K	T	D	P	N	N	S	L	F	K	G	M	T	D	L	N	N	R	D		F	D	P	.	F	G	D	F	F	N	D	L	N	N	F	R	P	S	S	N	..	T	P		77																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
NTDB	id	85498	WHT	RS00525	WP	000971183.1	Q	T	V	H	Y	T	P	R	A	K	K	V	I	E	L	S	M	D	E	A	R	K	L	G	H	S	Y	V	G	T	E	H	I	L	L	G	L	I	R	E	G	E	G	V	A	A	R	V	I	N	N	L	G	V	S	L	N	K	A	R	Q	Q	V	L	Q	..	L	L	G	S	N	E			146																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
NTDB	id	85	BSU	00860	NP	387967.1	Q	T	I	H	Y	T	P	R	A	K	K	V	I	E	L	S	M	D	E	A	R	K	L	G	H	S	Y	V	G	T	E	H	I	L	L	G	L	I	R	E	G	E	G	V	A	A	R	V	I	N	N	L	G	V	S	L	N	K	A	R	Q	Q	V	L	Q	..	L	L	G	S	N	E			146																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
NTDB	id	610	V4T04	RS10165	WP	012897346.1	S	T	L	R	F	S	P	R	A	E	E	V	M	T	A	A	S	F	L	A	I	H	N	N	S	E	A	V	G	T	E	H	L	L	Y	A	L	L	Q	V	E	D	G	F	L	Q	L	L	K	L		Q	K	I	N	I	V	S	L	R	K	E	K	T	G	L	K	V	P	E	S	K		153																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
NTDB	id	290	KZH43	RS10025	WP	001109677.1	T	E	L	P	F	S	R	R	L	Q	I	L	F	D	E	A	E	Y	V	A	S	V	V	H	A	K	V	L	G	T	E	H	V	L	Y	A	I	L	H	D	G	N	A	L	A	T	R	I	L	E	R	A	G	F	S	Y	E	D	K	K	D	Q	V	K	I	A	A	L	R	R	N	L	E	E	R	A	G	W	T	R	E	D	L	K	A		160																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB	id	289	SPD	RS10700	WP	001109677.1	T	E	L	P	F	S	R	R	L	Q	I	L	F	D	E	A	E	Y	V	A	S	V	V	H	A	K	V	L	G	T	E	H	V	L	Y	A	I	L	H	D	G	N	A	L	A	T	R	I	L	E	R	A	G	F	S	Y	E	D	K	K	D	Q	V	K	I	A	A	L	R	R	N	L	E	E	R	A	G	W	T	R	E	D	L	K	A		160																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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NTDB	id	377	SMU	RS09275	WP	002262344.1	M	L	L	E	Q	S	H	A	L	K	R	T	L	A	E	A	A	A	I	S	Q	V	T	H	A	K	E	V	G	T	E	H	V	L	F	A	M	L	L	N	P	N	L	L	A	T	R	I	L	E	L	V	G	F	H	A	K	D	D	G	E	S	I	R	L	L	D	L	R	K	V	I	E	R	Y	A	G	F	S	K	E	D	I	K	A		164																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB	id	297	STER	RS00545	WP	011680614.1	D	L	R	A	Q	S	P	A	L	E	A	M	L	Q	E	A	Q	E	I	A	S	V	T	G	A	V	E	G	S	E	H	V	L	M	A	F	L	L	H	K	D	L	M	V	C	R	L	L	E	V	A	G	F	Q	Y	K	D	S	D	K	P	R	I	I	D	L	R	R	S	L	E	R	N	A	G	L	S	K	Q	D	L	K	A		166																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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NTDB id 329 STU RS10020 WP 011225298.1
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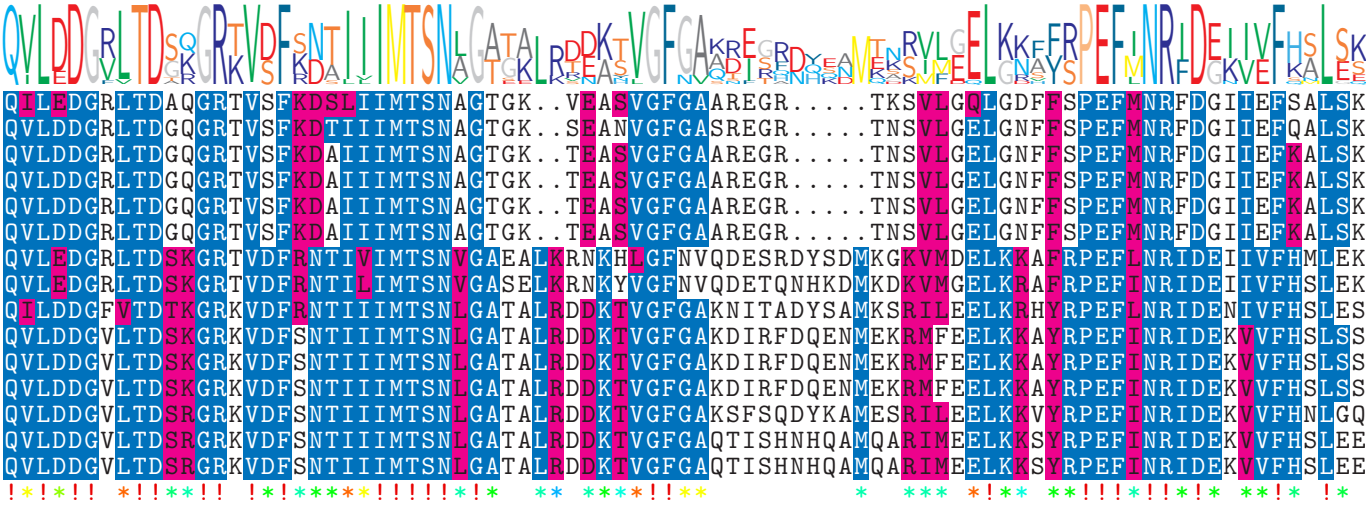
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NTDB	id	378	SMU	RS02690	WP	002263569.1	KLDKENTPVITEKNI	IEVIVEQKTN	IPVGEL	LKEKE	EQSQL	LIHLADD	DLKTRVIGQDA	AVDKI	IAKAIRNRVRLVGL	GTPNRP	IGSFL	LVGP	489			
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NTDB	id	85498	WHT	RS00525	WP	000971183.1	EQQGKENSEVT	IVEDIANV	VSTWTRIP	VSKLAQ	TETD	KLLNLES	ILHDRVIGQDE	AVVAV	AKAVRRARAGL	KDPK	RPIGSF	IFLGP	547			
NTDB	id	85	BSU	00860	NP	387967.1	EKQGKENSEVT	IVDDIAMV	VSSWTG	VPVSKI	IAQTETD	KLLN	MENILH	SRVIGQDE	AVVAV	AKAVRRARAGL	KDPK	RPIGSF	IFLGP	546		
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NTDB	id	297	STER	RS00545	WP	011680614.1	.AKFPKPALV	DADQIM	QTL	SRLSG	IPVEKMT	TQD	SKRYLN	LES	ELH	KRVIGQDE	AVSA	ISRAIRRNQSG	IRTGKR	PIGSFM	FLGP	556
NTDB	id	329	STU	RS10020	WP	011225298.1	.AKFPKPALV	DADQIM	QTL	SRLSG	IPVEKMT	TQD	SKRYLN	LES	ELH	KRVIGQDE	AVSA	ISRAIRRNQSG	IRTGKR	PIGSFM	FLGP	556
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NTDB id 329 STU RS10020 WP 011225298.1
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consensus



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NTDB id 241 SP RS04015 WP 000882523.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 281 KZH43 RS03550 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 245 SPD RS03860 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 243 SPR RS03635 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 85498 WHT RS00525 WP 000971183.1	VIHSAEKVK.....	811
NTDB id 85 BSU 00860 NP 387967.1	VVKTTAKTN.....	810
NTDB id 610 V4T04 RS10165 WP 012897346.1	KIAQIV.....	816
NTDB id 290 KZH43 RS10025 WP 001109677.1	KFDIA.....	810
NTDB id 289 SPD RS10700 WP 001109677.1	KFDIA.....	810
NTDB id 287 SP RS11210 WP 001109712.1	KFDIA.....	810
NTDB id 377 SMU RS09275 WP 002262344.1	KFDIV.....	813
NTDB id 297 STER RS00545 WP 011680614.1	TFTVV.....	816
NTDB id 329 STU RS10020 WP 011225298.1	TFTVV.....	816
consensus		

 non conserved
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 ≥ 50% conserved