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Accession	Sequence	Position
NTDB id 601 KW2 RS02615 WP 021036805.1	MLCQNCNINEAT.....	12
NTDB id 241 SP RS04015 WP 000882523.1	MLCQNCNKINDST.....	12
NTDB id 57933 SPN994039 RS03875 WP 000882516.1	MLCQNCNKINDST.....	12
NTDB id 281 KZH43 RS03550 WP 000882517.1	MLCQNCNKINDST.....	12
NTDB id 245 SPD RS03860 WP 000882517.1	MLCQNCNKINDST.....	12
NTDB id 243 SPR RS03635 WP 000882517.1	MLCQNCNKINDST.....	12
NTDB id 378 SMU RS02690 WP 002263569.1	MLCQNCNKINEAT.....	12
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEGIAAKALQALGLGSEKIQKEVESLIG.....R	70
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYPTPTLDRILEKAEYYAHQYQYGTIESAHLLEAMATTSGSIAYSLLAGMNVDDSSDLLIDL.....EDLSSH	72
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYS	70
NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYS	70
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYS	70
NTDB id 377 SMU RS09275 WP 002262344.1	MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAAILAIGKKPKSSS	76
NTDB id 297 STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLEAERFESPFLFTWVLLAMVEVTGSAVYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLS	76
NTDB id 329 STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFLFTWVLLAMVEVPGSAVYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLS	76
consensus	*.....*	

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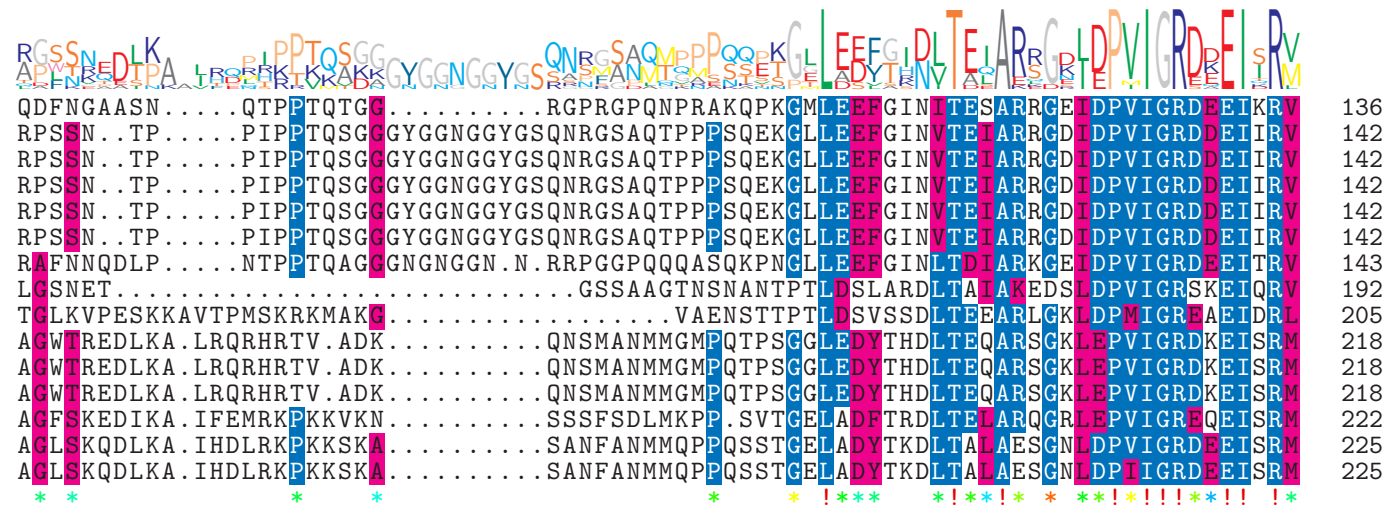
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NTDB id	241	SP	RS04015	WP	000882523.1	IHL	YTNLNGKQKKQIDLC	QCNCYKT	...IK	TDPNNSLFKGMTDL	NNRD.....FDP	FGDFFNDLNNF	69																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
NTDB id	57933	SPN	994039	RS03875	WP	000882516.1	IHL	YTNLNGKQKKQIDLC	QCNCYKT	...IK	TDPNNSLFKGMTDL	NNRD.....FDP	FGDFFNDLNNF	69																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
NTDB id	281	KZH43	RS03550	WP	000882517.1	IHL	YTNLNGKQKKQIDLC	QCNCYKT	...IK	TDPNNSLFKGMTDL	NNRD.....FDP	FGDFFNDLNNF	69																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
NTDB id	245	SPD	RS03860	WP	000882517.1	IHL	YTNLNGKQKKQIDLC	QCNCYKT	...IK	TDPNNSLFKGMTDL	NNRD.....FDP	FGDFFNDLNNF	69																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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NTDB id	378	SMU	RS02690	WP	002263569.1	IHL	YANVNGQKKQIDLC	QCNCYQT	...MK	TDPENGPLNHLSQQ	NSSS.....INP	FFDDFFGD LNNF	70																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
NTDB id	85	BSU	00860	NP	387967.1	GQEMS	QTIHYTPRAKKVI	ELSMDEARKLGHSYVG	TEHIL	LGLIREGEGVAARVL	NNLGVSLNKARQQV	LQL.....	141																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
NTDB id	610	V4T04	RS10165	WP	012897346.1	VKVKR	STLRFSAPAEVMTA	ASFLAIHNNEAVG	TEHLL	YALLQVEDGFGLQL	LKL.....QKINIV	SRLKELEKR	143																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
NTDB id	287	SP	RS11210	WP	001109712.1	QDETFT	ELPFSRRLLQVLF	DEAEYVASVVHAKVLG	TEHVLYAILHD	SNALATRILERAGFSYED	KDKDVKIAALRRN	LEER	150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
NTDB id	290	KZH43	RS10025	WP	001109677.1	QDETFT	ELPFSRRLLQILF	DEAEYVASVVHAKVLG	TEHVLYAILHD	GNALATRILERAGFSYED	KDKDVKIAALRRN	LEER	150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
NTDB id	289	SPD	RS10700	WP	001109677.1	QDETFT	ELPFSRRLLQILF	DEAEYVASVVHAKVLG	TEHVLYAILHD	GNALATRILERAGFSYED	KDKDVKIAALRRN	LEER	150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
NTDB id	377	SMU	RS09275	WP	002262344.1	N..D	IIMLEGSHALKRTLA	EAAAISQVTHAKEVG	TEHVL	FAMLLNPNLLATRIE	LVGFHAKDDGESIRLL	DLRKVIERY	154																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
NTDB id	297	STER	RS00545	WP	011680614.1	ESDI	IDLRAGSPALEAMLQE	AQEIASVTGAVEVG	SEHVLMAFILHKD	LMVCRLLLEVAGFYKD	SDSKPRIIDLRRS	LERN	156																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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NTDB id 601 KW2 RS02615 WP 021036805.1
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NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
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NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus

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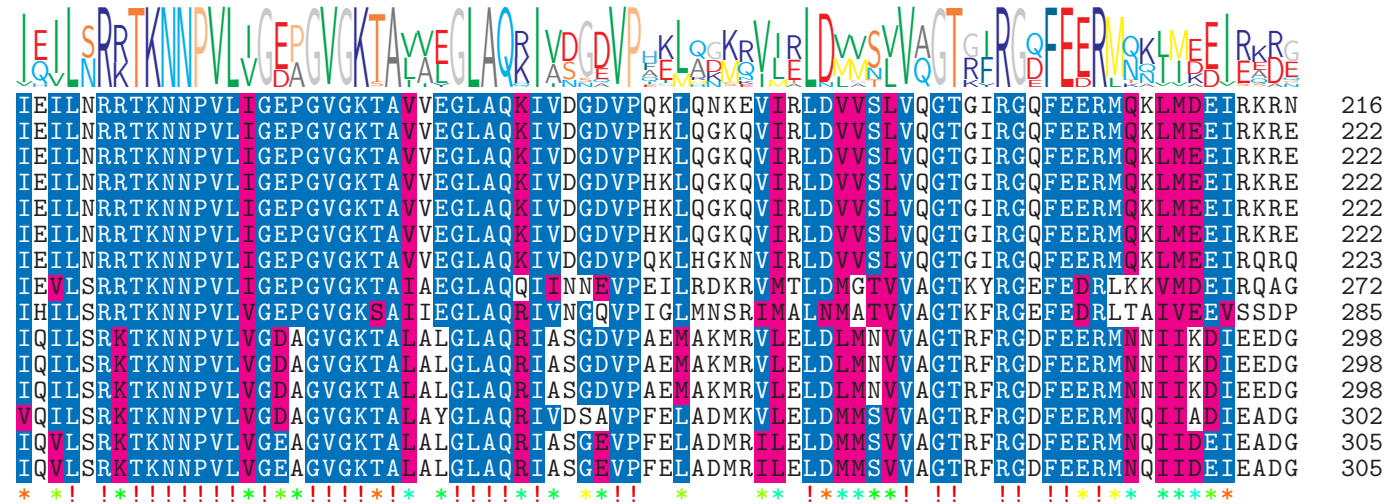


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NTDB id 290 KZH43 RS10025 WP 001109677.1
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NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus

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NTDB id 245 SPD RS03860 WP 000882517.1	DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGE	301
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NTDB id 378 SMU RS02690 WP 002263569.1	DVILFIDEIHEIVGAGSAGDGNMDAGNILKPALARGE	302
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NTDB id 610 V4T04 RS10165 WP 012897346.1	DVIIFIDELHTIIGAGGMDSVNDAANILKPALARGE	365
NTDB id 287 SP RS11210 WP 001109712.1	QVILFIDELHTIMSGSGIDSTLDAANILKPALARGE	378
NTDB id 290 KZH43 RS10025 WP 001109677.1	QVILFIDELHTIMSGSGIDSTLDAANILKPALARGE	378
NTDB id 289 SPD RS10700 WP 001109677.1	QVILFIDELHTIMSGSGIDSTLDAANILKPALARGE	378
NTDB id 377 SMU RS09275 WP 002262344.1	HIVLFIDELHTIMSGSGIDSTLDAANILKPALARGE	382
NTDB id 297 STER RS00545 WP 011680614.1	KIILFIDELHTIIGSGSGIDSTLDAANILKPALARGE	385
NTDB id 329 STU RS10020 WP 011225298.1	KIILFIDELHTIIGSGSGIDSTLDAANILKPALARGE	385
consensus	***!!!!*! **!*!*!* * *!!!!!!*!!!!*!!!!!! !! !!!!!*! ! * ***!*****!!	

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NTDB id 601 KW2 RS02615 WP 021036805.1	RGIQARYEDYHHVKYTDEAIEAAAHLSNRYIQDRFLPDKAIDLLDEAGSKKNITLKF..VDPEDINRRITADENKKNEAT	373
NTDB id 241 SP RS04015 WP 000882523.1	KGIQKKYEDYHHVQYTDAAIEAAATLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF..VDPKVIDQRLIEAENLKSQAT	379
NTDB id 57933 SPN994039 RS03875 WP 000882516.1	KGIQKKYEDYHHVQYTDAAIEAAATLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF..VDPKVIDQRLIEAENLKSQAT	379
NTDB id 281 KZH43 RS03550 WP 000882517.1	KGIQKKYEDYHHVQYTDAAIEAAATLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF..VDPKVIDQRLIEAENLKSQAT	379
NTDB id 245 SPD RS03860 WP 000882517.1	KGIQKKYEDYHHVQYTDAAIEAAATLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF..VDPKVIDQRLIEAENLKSQAT	379
NTDB id 243 SPR RS03635 WP 000882517.1	KGIQKKYEDYHHVQYTDAAIEAAATLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF..VDPKVIDQRLIEAENLKSQAT	379
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NTDB id 377 SMU RS09275 WP 002262344.1	LGLKKSYYETYYHHVITSDAAVMAAVKGAHRYLSGKNLPDSAIDLLDEASATVQGLVKK..KAPAYL....T....DLDHAL	452
NTDB id 297 STER RS00545 WP 011680614.1	NGLRSSYEDYHRVTITDAAVETAVKAAHRYLTSKNLPDSAIDLLDEASATVQVRITKK..EDKREI....T....PLDEAL	455
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consensus	!* *!*!*!* ! *! !***! ** !!* * !!!!!*!!!!*!!!!* **** * * *** * * *	

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NTDB id 601 KW2 RS02615 WP 021036805.1	KAE	D	F	E	K	A	A	H	F	R	D	Q	I	S	K	L	R	E	L	Q	K	.	.	.	.	.	.	Q	E	V	T	D	E	M	P	V	I	T	E	K	D	I	E	Q	I	V	E	Q	K	T	Q	I	P	V	G	D	L	K	E	K	E	Q	T	Q	L	I	N	L	A	D	D	L	K	A	H	V	I		447																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
NTDB id 241 SP RS04015 WP 000882523.1	R	E	D	F	E	K	A	A	Y	F	R	D	Q	I	A	K	Y	K	E	M	Q	K	.	.	.	.	.	.	K	K	I	T	D	Q	D	T	P	S	I	S	E	K	T	I	E	H	I	I	E	Q	K	T	N	I	P	V	G	D	L	K	E	K	E	Q	S	Q	L	I	H	L	A	E	D	L	K	S	H	V	I		453																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
NTDB id 57933 SPN994039 RS03875 WP 000882516.1	R	E	D	F	E	K	A	A	Y	F	R	D	Q	I	A	K	Y	K	E	M	Q	K	.	.	.	.	.	.	K	K	I	T	D	Q	D	T	P	I	I	S	E	K	T	I	E	H	I	I	E	Q	K	T	N	I	P	V	G	D	L	K	E	K	E	Q	S	Q	L	I	H	L	A	E	D	L	K	S	H	V	I		453																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
NTDB id 281 KZH43 RS03550 WP 000882517.1	R	E	D	F	E	K	A	A	Y	F	R	D	Q	I	A	K	Y	K	E	M	Q	K	.	.	.	.	.	.	K	K	I	T	D	Q	D	T	P	I	I	S	E	K	T	I	E	H	I	I	E	Q	K	T	N	I	P	V	G	D	L	K	E	K	E	Q	S	Q	L	I	H	L	A	E	D	L	K	S	H	V	I		453																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
NTDB id 245 SPD RS03860 WP 000882517.1	R	E	D	F	E	K	A	A	Y	F	R	D	Q	I	A	K	Y	K	E	M	Q	K	.	.	.	.	.	.	K	K	I	T	D	Q	D	T	P	I	I	S	E	K	T	I	E	H	I	I	E	Q	K	T	N	I	P	V	G	D	L	K	E	K	E	Q	S	Q	L	I	H	L	A	E	D	L	K	S	H	V	I		453																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
NTDB id 243 SPR RS03635 WP 000882517.1	R	E	D	F	E	K	A	A	Y	F	R	D	Q	I	A	K	Y	K	E	M	Q	K	.	.	.	.	.	.	K	K	I	T	D	Q	D	T	P	I	I	S	E	K	T	I	E	H	I	I	E	Q	K	T	N	I	P	V	G	D	L	K	E	K	E	Q	S	Q	L	I	H	L	A	E	D	L	K	S	H	V	I		453																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
NTDB id 378 SMU RS02690 WP 002263569.1	R	D	E	D	Y	E	K	A	A	Y	F	R	D	Q	I	A	K	Y	K	E	M	Q	S	.	.	.	.	.	A	K	L	D	K	E	N	T	P	V	I	T	E	K	N	I	E	V	I	V	E	Q	K	T	N	I	P	V	G	E	L	K	E	K	E	Q	S	Q	L	I	H	L	A	D	D	L	K	T	R	V	I		454																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
NTDB id 85 BSU 00860 NP 387967.1	Q	S	Q	E	F	E	K	A	A	S	L	R	D	T	E	Q	R	L	R	E	Q	V	E	D	T	K	K	S	W	K	E	K	Q	G	N	S	E	V	T	V	D	D	I	A	M	V	V	S	S	W	T	G	V	P	V	S	K	I	A	Q	T	E	T	D	K	L	N	M	N	I	L	H	S	R	V	I		511																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
NTDB id 610 V4T04 RS10165 WP 012897346.1	I	K	L	D	I	K	A	S	R	T	K	E	A	V	E	K	I	A	D	K	I	Y	K	F	S	.	.	.	.	.	V	K	E	D	R	K	Q	E	V	T	D	Q	A	V	A	V	A	S	T	L	G	V	P	I	T	Q	M	T	K	S	E	S	R	L	I	N	E	K	E	L	H	K	R	V	I		520																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
NTDB id 287 SP RS11210 WP 001109712.1	M	D	G	K	W	K	Q	A	A	Q	L	I	A	K	E	.	.	.	.	.	E	.	.	.	.	.	.	.	.	V	P	V	.	Y	K	D	L	V	T	E	S	D	I	L	T	T	L	S	R	L	S	G	I	P	V	Q	K	L	T	Q	D	A	K	K	Y	L	N	L	E	A	E	L	H	K	R	V	I		515																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
NTDB id 290 KZH43 RS10025 WP 001109677.1	M	D	G	K	W	K	Q	A	A	Q	L	I	A	K	E	.	.	.	.	.	E	.	.	.	.	.	.	.	.	V	P	V	.	Y	K	D	L	V	T	E	S	D	I	L	T	T	L	S	R	L	S	G	I	P	V	Q	K	L	T	Q	D	A	K	K	Y	L	N	L	E	A	E	L	H	K	R	V	I		515																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
NTDB id 289 SPD RS10700 WP 001109677.1	M	D	G	K	W	K	Q	A	A	Q	L	I	A	K	E	.	.	.	.	.	E	.	.	.	.	.	.	.	.	V	P	V	.	Y	K	D	L	V	T	E	S	D	I	L	T	T	L	S	R	L	S	G	I	P	V	Q	K	L	T	Q	D	A	K	K	Y	L	N	L	E	A	E	L	H	K	R	V	I		515																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
NTDB id 377 SMU RS09275 WP 002262344.1	I	T	N	D	Y	Q	L	A	K	R	L	L	K	K	E	.	.	.	.	.	K	.	.	.	.	.	.	.	.	P	L	L	K	K	R	A	E	V	K	E	E	D	I	L	A	T	L	S	K	L	S	G	I	P	V	K	K	L	T	Q	A	D	S	K	K	Y	L	N	L	E	R	E	L	H	K	R	V	I		518																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
NTDB id 297 STER RS00545 WP 011680614.1	I	S	G	D	I	G	A	V	K	Q	Y	K	A	N	Q	.	.	.	.	.	K	.	.	.	.	.	.	.	.	A	K	F	P	K	P	A	L	V	D	A	D	Q	I	M	Q	T	L	S	R	L	S	G	I	P	V	E	K	M	T	Q	D	S	K	R	Y	L	N	L	E	S	E	L	H	K	R	V	I		521																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
NTDB id 329 STU RS10020 WP 011225298.1	I	S	G	D	I	G	A	V	K	Q	Y	K	A	N	Q	.	.	.	.	.	K	.	.	.	.	.	.	.	.	A	K	F	P	K	P	A	L	V	D	A	D	Q	I	M	Q	T	L	S	R	L	S	G	I	P	V	E	K	M	T	Q	D	S	K	R	Y	L	N	L	E	S	E	L	H	K	R	V	I		521																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
consensus	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

logo

[illegible]

logo

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NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 241 SP RS04015 WP 000882523.1
NTDB id 57933 SPN994039 RS03875 WP 000882516.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus

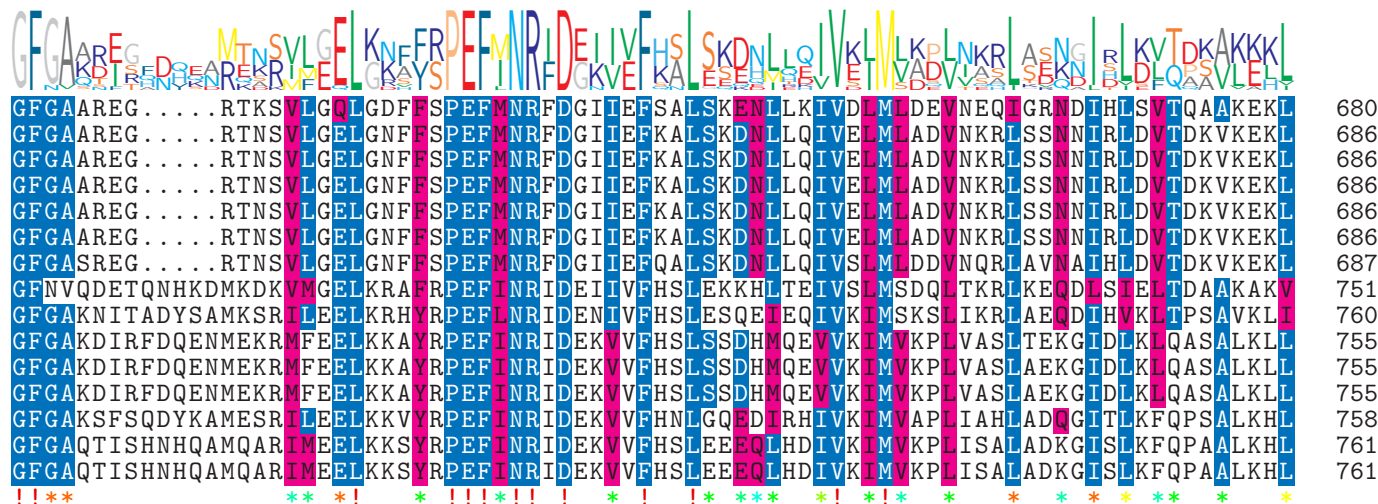
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logo

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NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 241 SP RS04015 WP 000882523.1
NTDB id 57933 SPN994039 RS03875 WP 000882516.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 378 SMU RS02690 WP 002263569.1
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NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus

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logo

NTDB id 601 KW2 RS02615 WP 021036805.1	VDLGYNPAMGARPLRRTTIQ	ENTIEDSIADFYIEHPEYKQ	LVADLIDDKIVISNQTQETAETTTDEEVP	748
NTDB id 241 SP RS04015 WP 000882523.1	VDLGYDPKMGARPLRRTTIQ	DYIEDTITDYYLENPSEKD	LKAVMTSKGNIQIKSAKKA.EVKSSEKEK	752
NTDB id 57933 SPN994039 RS03875 WP 000882516.1	VDLGYDPKMGARPLRRTTIQ	DYIEDTITDYYLENPNEKD	LKAVMTSKGNIQIKSAKKA.EVKSSEKEK	752
NTDB id 281 KZH43 RS03550 WP 000882517.1	VDLGYDPKMGARPLRRTTIQ	DYIEDTITDYYLENPSEKD	LKAVMTSKGNIQIKSAKKA.EVKSSEKEK	752
NTDB id 245 SPD RS03860 WP 000882517.1	VDLGYDPKMGARPLRRTTIQ	DYIEDTITDYYLENPSEKD	LKAVMTSKGNIQIKSAKKA.EVKSSEKEK	752
NTDB id 243 SPR RS03635 WP 000882517.1	VDLGYDPKMGARPLRRTTIQ	DYIEDTITDYYLENPSEKD	LKAVMTSKGNIQIKSAKKA.EVKSSEKEK	752
NTDB id 378 SMU RS02690 WP 002263569.1	VDLGYDPKMGARPLRRTTIQ	EHIEDAITDFYIEHPEKQE	LKAIMTSNGKIVIKASNKV.ETVTKATSD	753
NTDB id 85 BSU 00860 NP 387967.1	AEEGVDLLEYGARPLRRRIQ	KHVEDRLSEELLRGNHKGQHV	LDVEDGEFVVKTAKTN.....	810
NTDB id 610 V4T04 RS10165 WP 012897346.1	AEEGVDPPEYGARPLRKALQ	KEVEDLLSEQLLSGEIKAGNHVS	IGASNNKIKIAQIV.....	816
NTDB id 287 SP RS11210 WP 001109712.1	ANQGYDPEMGARPLRRTTIQ	TEVEDKLAELLKGDLVAGST	KIGVKAGQLKFDIA.....	810
NTDB id 290 KZH43 RS10025 WP 001109677.1	ANQGYDPEMGARPLRRTTIQ	TEVEDKLAELLKGDLVAGST	KIGVKAGQLKFDIA.....	810
NTDB id 289 SPD RS10700 WP 001109677.1	ANQGYDPEMGARPLRRTTIQ	TEVEDKLAELLKGDLVAGST	KIGVKAGQLKFDIA.....	810
NTDB id 377 SMU RS09275 WP 002262344.1	ALAGYDAEMGARPLRRTTIQ	TEVEDKLAELISGKLASGQT	LKIGIQKEKLKFDIV.....	813
NTDB id 297 STER RS00545 WP 011680614.1	AKDGYDIEMGARPLRRTTIQ	TQVEDKLSSELLGGQVVSQG	LKIGCSKDKLTFTVV.....	816
NTDB id 329 STU RS10020 WP 011225298.1	AKDGYDIEMGARPLRRTTIQ	TQVEDKLSSELLGGQVVSQG	LKIGCSKDKLTFTVV.....	816
consensus	* ! * * * * * ! ! ! ! ! * * * !	* ! ! * * * *	* * * * * * * *	

-  non conserved
-  similar
-  $\geq 50\%$ conserved