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NTDB id	Accession	Sequence	Position
NTDB id 1005428	ABKA22 RS02785 WP 003130823.1	MLCQNCNINEA.....	11
NTDB id 601	KW2 RS02615 WP 021036805.1	MLCQNCNINEA.....	11
NTDB id 378	SMU RS02690 WP 002263569.1	MLCQNCNINEA.....	11
NTDB id 281	KZH43 RS03550 WP 000882517.1	MLCQNCNINEA.....	11
NTDB id 245	SPD RS03860 WP 000882517.1	MLCQNCNINEA.....	11
NTDB id 243	SPR RS03635 WP 000882517.1	MLCQNCNINEA.....	11
NTDB id 241	SP RS04015 WP 000882523.1	MLCQNCNINEA.....	11
NTDB id 85	BSU 00860 NP 387967.1	..MMFGRFTEAQQVLALAEQEEALRLGHNNIGTEHILLGLVREGGLAAKALQALGLGSEKIQKEVESLIG.....R	70
NTDB id 610	V4T04 RS10165 WP 012897346.1	MKFENIKYPTTLDRILEKAEYAHQYQYGTIESAHLAAMATTSGSIAYSLLAGMNVDSDDLIDL.....EDLSSH	72
NTDB id 290	KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYS	70
NTDB id 289	SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYS	70
NTDB id 287	SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYS	70
NTDB id 377	SMU RS09275 WP 002262344.1	...MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAILAIGKKPKSSS	76
NTDB id 297	STER RS00545 WP 011680614.1	...MTIYSRKMQAIFHRAQLEAERFESPFLFETWHVLLAMVEVTGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDL	76
NTDB id 329	STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFLFETWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDL	76
consensus		*.*.....	

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NTDB	id	241	SP	RS04015	WP	000882523.1	...TIHLYTNLNGKQKIDLCQNCYK...IIKTDPNNSLFKGMTDLNNRD.....FDPF.GDFFNDLNNF	69
NTDB	id	85	BSU	00860	NP	387967.1	GQEMSQTIIHYTPRAKKVIELMSDEARKLGHSYVGTEHILLGLIREGEVAAARVLNNLGVSLNKARQQVLQL.....	141
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NTDB	id	289	SPD	RS10700	WP	001109677.1	QDETFTTELFPSTRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
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NTDB	id	297	STER	RS00545	WP	011680614.1	ESDIIDLRAQSPAELAMLQAEGEIASVTGAVEVGSHEVLMFAFLHKDLMVCRLLLEVAGFYKDDSDKPRIIIDLRRSLERN	156
NTDB	id	329	STU	RS10020	WP	011225298.1	ESDIIDLRAQSPAELAMLQAEGEIASVTGAVEVGSHEVLMFAFLHKDLMVCRLLLEVAGFYKDDSDKPRIIIDLRRSLERN	156
consensus							** * * * * *	

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NTDB id 378	SMU	RS02690	WP 002263569.1	DVILFIDEIHEIVGAGSAGDGNMDAGNILKPALARGE	ELQ	LVGATT	LNEYR	IEKDAALERRMQPV	KVDEPSVAETITIL		302
NTDB id 281	KZH43	RS03550	WP 000882517.1	DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGE	ELQ	LVGATT	LNEYR	IEKDAALERRMQPV	KVDEPTVDETITIL		301
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NTDB id 610	V4T04	RS10165	WP 012897346.1	DVIIFIDELHTIIGAGGCMDSVNDAA	NILKPALARGE	DFQM	VGATTYHEYQKY	IEKDEALERRLAR	INVDEPSPDEAIAIL		365
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NTDB id 289	SPD	RS10700	WP 001109677.1	QVILFIDELHTIMGSGSGIDSTLDA	ANILKPALARGT	LRT	VGATTQEEYQKH	IEKDAALSRRFAKVT	IEEPSVADSMITIL		378
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NTDB id 377	SMU	RS09275	WP 002262344.1	HIVLFIDELHTIMGSGSGIDSTLDA	ANILKPALARGSLRT	I	GATTQEEYQKH	IEKDAALSRRFAKVT	IEEPSEEEAYQIL		382
NTDB id 297	STER	RS00545	WP 011680614.1	KIILFIDELHTIIGSGSGIDSTLDA	ANILKPALARGT	LHM	VGATTQA	EYQKHIEKDAALSRRFAK	ITIEEPSVSEADIDIL		385
NTDB id 329	STU	RS10020	WP 011225298.1	KIILFIDELHTIIGSGSGIDSTLDA	ANILKPALARGT	LHM	VGATTQA	EYQKHIEKDAALSRRFAK	ITIEEPSVSEADIDIL		385
consensus				***!!!!*! *	*!*!*** *	*!***!!!!*!!!!*	***!!	!!	!!!!*!*!! *	***!*****!!	

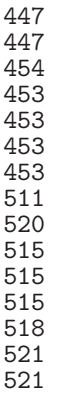
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NTDB id 85	BSU	00860	NP 387967.1	QGLRDRYE	AHHRVSI	TDDAIEAAVKLS	DRYISDRFLPDKAIDL	IDEAGSKVRL	RSFTTPN	LKELEQLDEV	RKEKDAAV	431	
NTDB id 610	V4T04	RS10165	WP 012897346.1	QGLREKF	EDYHQVKFTDQAIKS	AVMLSVRYMTSR	KLPDKAIDLLDEAAA	AVKISVKNQQT	KRLDLEKEL	AEAEQELSEAV		445	
NTDB id 290	KZH43	RS10025	WP 001109677.1	QGLKATY	EKHHRVQI	TDEAVETAVKMAHRYL	TSRHL	PDSAIDLLDEAAAT	VQNKAKHVKA	DDSDL....S....	PADKAL	450	
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NTDB id 329	STU	RS10020	WP 011225298.1	NGLRSSY	EDYHRVTI	TDAAVETAVKAAHRYL	TSKNLPDS	SAIDLLDEASAT	VQVRIKK..	EAKREI....T....	PLDEAL	455	
consensus				!* *	*!****!	! *	*!****!	*** !!*	* !!!*!!!!*!!!!*	*** **	* **	* *	!


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NTDB id 1005428 ABKA22 RS02785 WP 003130823.1
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consensus

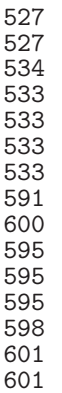
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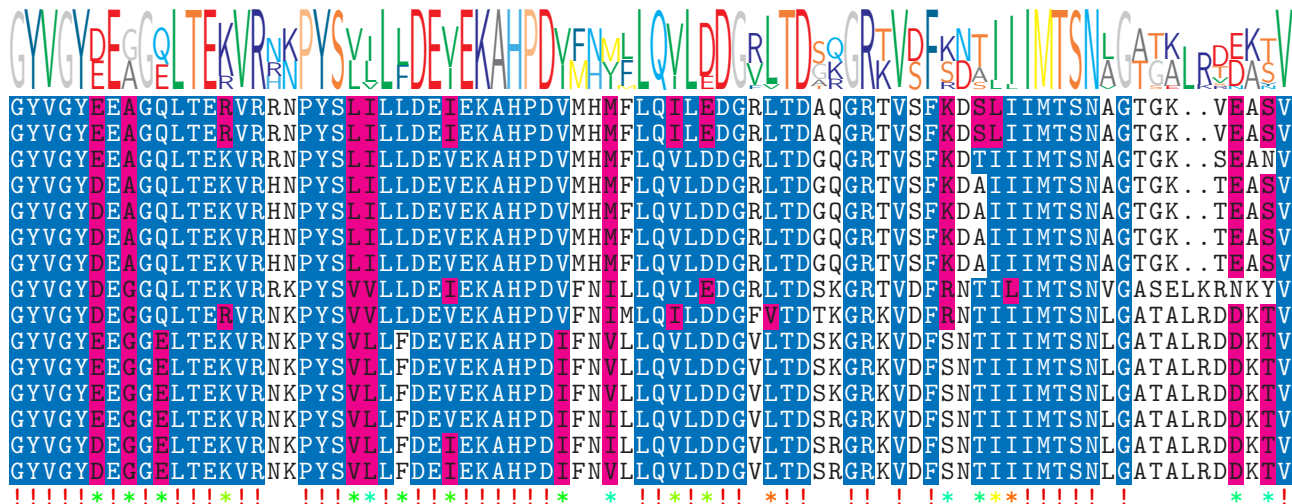
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consensus

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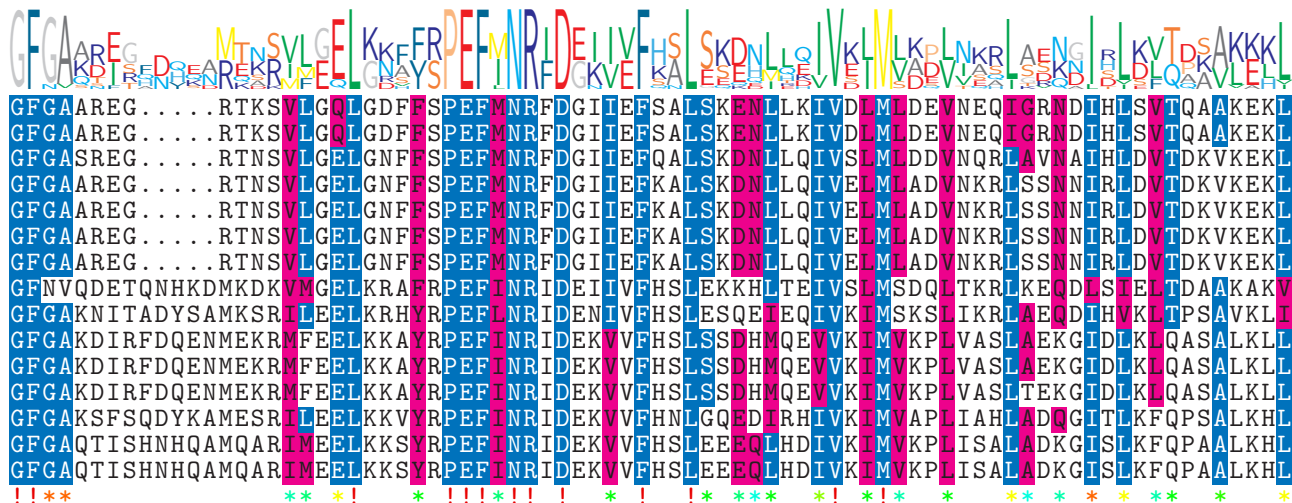
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NTDB id 329 STU RS10020 WP 011225298.1
consensus



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consensus



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consensus	* !*** *!!!!!!***! *!! *** *	

- non conserved
- similar
- ≥ 50% conserved