

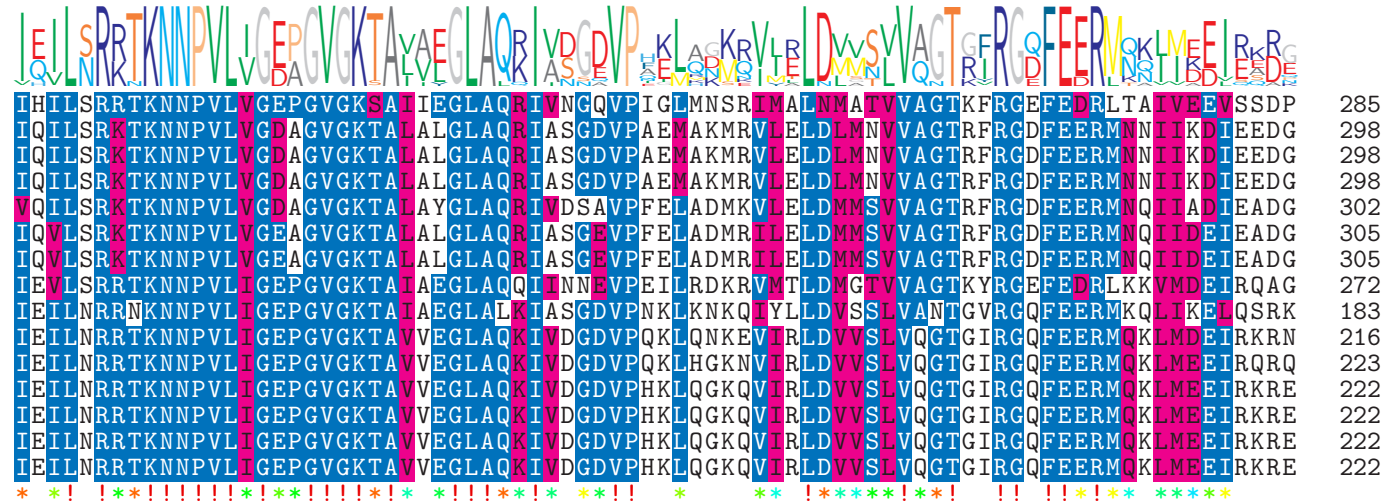
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NTDB	id	287	SP	RS11210	WP	001109712.1		MNYSKALNECIESAYM	VAGHFGARYLESWHLL	IAMS	NHYSVAGATLNDYPYEMDRLE		EVALELTETDYS	70	
NTDB	id	290	KZH43	RS10025	WP	001109677.1		MNYSKALNECIESAYM	VAGHFGARYLESWHLL	IAMS	NHYSVAGATLNDYPYEMDRLE		EVALELTETDYS	70	
NTDB	id	289	SPD	RS10700	WP	001109677.1		MNYSKALNECIESAYM	VAGHFGARYLESWHLL	IAMS	NHYSVAGATLNDYPYEMDRLE		EVALELTETDYS	70	
NTDB	id	377	SMU	RS09275	WP	002262344.1		MTDYSLKMQEVFRLAQ	FEAAHGFESSYLESHVLL	AM	VEIDSSVAGLSFAEFEAD	VRFEDYQAAAILAIGKKPKSSS	76		
NTDB	id	297	STER	RS00545	WP	011680614.1		MTIYSRKMQAIFHRAQ	LEAERFESPFL	ETWHVLL	AM	VEVTGSVAYLTFTDFEDRIHSEEI	ETA AVLAMEKRPKDL	76	
NTDB	id	329	STU	RS10020	WP	011225298.1		MTIYSRKMQAIFHRAQ	LEAERFESPFL	ETWHVLL	AM	VEVPGSVAYLTFTDFEDRIHSEEI	ETA AVLAMEKRPKDL	76	
NTDB	id	85	BSU	00860	NP	387967.1		MMFGRFTE	RAQKVLALAQEEALRLGHNN	IGTEHILL	GLVREGEGIAAKALQALGLGSEKI	QKEVESLI		GR	70
NTDB	id	181341	BSA145	RS14825	WP	075622916.1		MRCQHCQV	NEATIRLNMQVN		S				21
NTDB	id	601	KW2	RS02615	WP	021036805.1		MLCQNCN	INEATIHLYTSVN		G				21
NTDB	id	378	SMU	RS02690	WP	002263569.1		MLCQNCKL	NEATIHLYANVN		G				21
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NTDB	id	241	SP	RS04015	WP	000882523.1		MLCQNCK	INDSTIHLYTNLN		G				21
consensus								*		*	*	*			

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NTDB	id	290	KZH43	RS10025	WP	001109677.1	QDETFTLPPFSRRLQILF	DEAEYVAS	VVHAKVLG	TEHVL	LYAIL	HDG	SNA	LATRI	LERAGFSYEDKKDQVKIAAL	LRN	LEER	150						
NTDB	id	289	SPD	RS10700	WP	001109677.1	QDETFTLPPFSRRLQILF	DEAEYVAS	VVHAKVLG	TEHVL	LYAIL	HDG	SNA	LATRI	LERAGFSYEDKKDQVKIAAL	LRN	LEER	150						
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NTDB	id	329	STU	RS10020	WP	011225298.1	ESDIIDLRAQSPALEAM	LQEAQGIAS	VTGAVEVG	SEHVL	MAFLL	LHKD	LMVCRL	LEVAGFQYKDDSDKPRII	DLRRS	LERN	156							
NTDB	id	85	BSU	00860	NP	387967.1	GQEMSQTIHYTPRAKKV	IELSMDEARK	LGH	SYVG	TEHIL	LLGL	I	REG	EGVAA.....	R.....	VLN	NLGVS	LNKA	134				
NTDB	id	181341	BSA145	RS14825	WP	075622916.1		SRSQM	VLC	EDCYTSL	...MEQ	SKMK		MGP		QLFG		50						
NTDB	id	601	KW2	RS02615	WP	021036805.1		KKKQ	IDLCQ	NCYQ	IM...KS	GQ	EAL	FG	AGNAS	NGNS	DEPFNP		FND	IFSA	LQGG	72		
NTDB	id	378	SMU	RS02690	WP	002263569.1		KKKQ	IDLCQ	NCYQ	IM...KTD	P	ENG	PLN	HL	SQ	NSSS	...INP		FFD	FFGD	LNNF	70	
NTDB	id	281	KZH43	RS03550	WP	000882517.1		KKKQ	IDLCQ	NCYK	II...KTD	P	NN	S	L	FKG	MTDL	NNRD	...FDP		FG	DFND	LNNF	69
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consensus							**	**	***	**	*	*	**	**	*	**	*							

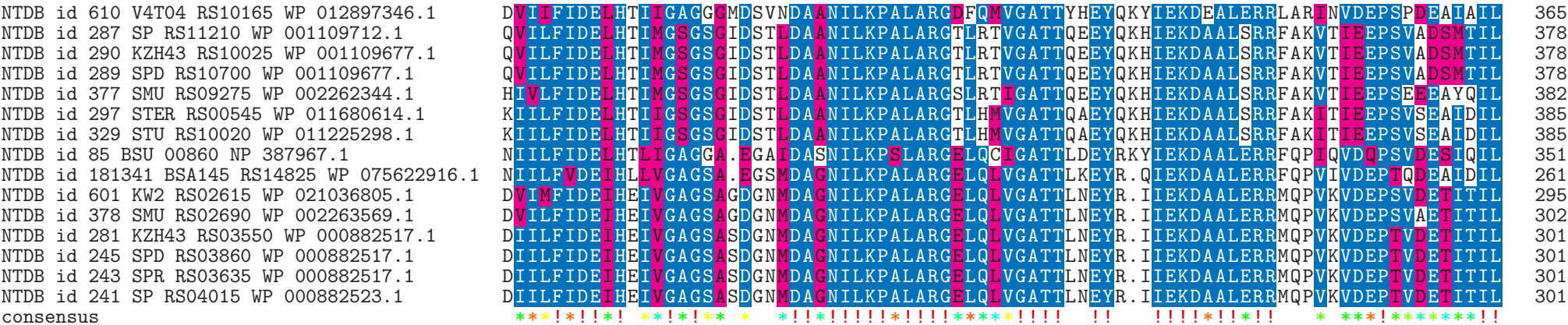
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NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
NTDB id 85 BSU 00860 NP 387967.1
NTDB id 181341 BSA145 RS14825 WP 075622916.1
NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
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consensus

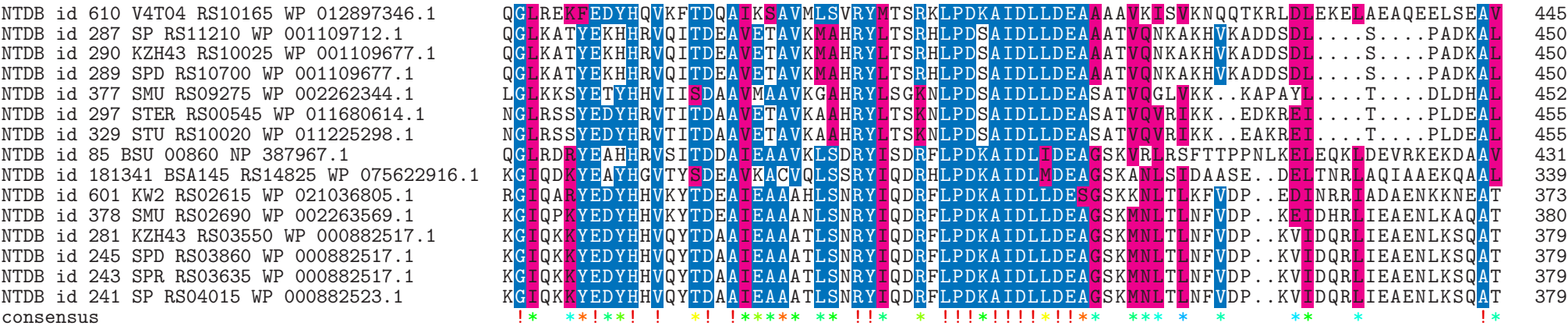
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NTDB id 610 V4T04 RS10165 WP 012897346.1
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consensus

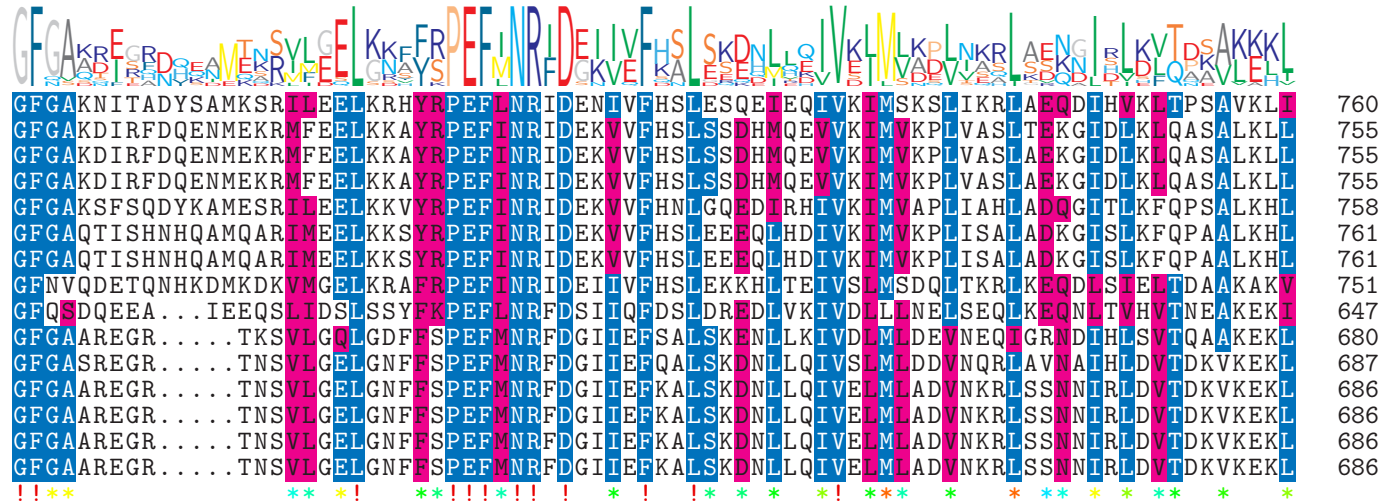
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NTDB id 610 V4T04 RS10165 WP 012897346.1
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NTDB id 243 SPR RS03635 WP 000882517.1
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consensus

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NTDB id 281 KZH43 RS03550 WP 000882517.1	VDLGYDPKMGARPLRRRIQDYIEDTITDYYLENPSEKDLKAVMT.SKCNIIQIKSAKK.AEVKSSEKEK.	752
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NTDB id 243 SPR RS03635 WP 000882517.1	VDLGYDPKMGARPLRRRIQDYIEDTITDYYLENPSEKDLKAVMT.SKCNIIQIKSAKK.AEVKSSEKEK.	752
NTDB id 241 SP RS04015 WP 000882523.1	VDLGYDPKMGARPLRRRIQDYIEDTITDYYLENPSEKDLKAVMT.SKCNIIQIKSAKK.AEVKSSEKEK.	752
consensus	* * ! * * * * * ! ! ! ! ! * * * ! * ! ! * * * * * * * * * * * * *	

- non conserved
- similar
- ≥ 50% conserved