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NTDB id 601 KW2 RS02615 WP 021036805.1	MTCQNCNINEAT.....I	13
NTDB id 281 KZH43 RS03550 WP 000882517.1	MTCQNCKINDST.....I	13
NTDB id 245 SPD RS03860 WP 000882517.1	MTCQNCKINDST.....I	13
NTDB id 243 SPR RS03635 WP 000882517.1	MTCQNCKINDST.....I	13
NTDB id 241 SP RS04015 WP 000882523.1	MTCQNCKINDST.....I	13
NTDB id 83012 H7678 RS07595 WP 003060519.1	MTCQNCNINEST.....I	13
NTDB id 378 SMU RS02690 WP 002263569.1	MTCQNCKINEAT.....I	13
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NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYPTPTLDRILEKAEYEAHQYQYGTIESAHLAAMATTSGSLAYSLLAGMNVDSDDLIDL.....EDLSSHVKVKR	77
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 377 SMU RS09275 WP 002262344.1	...MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAILAIGKKPKSSSN..DT	79
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consensus	*.....*	*

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NTDB	id	281	KZH43	RS03550	WP	000882517.1	H	L	Y	T	N	L	N	G	K	Q	K	Q	I	D	L	C	Q	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	P		77																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
NTDB	id	245	SPD	RS03860	WP	000882517.1	H	L	Y	T	N	L	N	G	K	Q	K	Q	I	D	L	C	Q	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	P		77																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
NTDB	id	243	SPR	RS03635	WP	000882517.1	H	L	Y	T	N	L	N	G	K	Q	K	Q	I	D	L	C	Q	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	P		77																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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NTDB	id	83012	H7678	RS07595	WP	003060519.1	H	L	Y	T	N	V	N	G	K	Q	K	Q	V	D	L	C	Q	N	C	Y	Q	I	...	M	K	T	D	P	T	N	P	.	L	G	.	L	N	G	G	Q	R	A	Q	E	R	...	S	S	N	P	F	F	D	.	D	F	F	G	D	.	L	N	N	F	R	A	F	G	N	..	L	P	N		81																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
NTDB	id	378	SMU	RS02690	WP	002263569.1	H	L	Y	A	N	V	N	G	K	Q	K	Q	I	D	L	C	Q	N	C	Y	Q	I	...	M	K	T	D	P	.	E	N	G	P	L	N	H	L	...	S	Q	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	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	V	A	A	R	.	V	L	N	N	L	G	V	S	L	N	K	A	R	Q	Q	V	L	Q	L	...	L	C	S	N	E	T	...		147																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
NTDB	id	610	V4T04	RS10165	WP	012897346.1	S	T	L	R	F	S	P	R	A	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	G	L	Q	L	L	K	L	...	Q	K	I	N	I	V	S	L	R	K	E	.	L	E	K	R	T	.	G	L	K	V	P	E	S	K		153																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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	N	P	N	L	A	T	R	I	L	E	L	V	G	F	H	A	K	D	D	G	E	S	I	R	L	D	.	L	R	K	V	.	T	E	R	Y	A	C	F	S	K	E	D	I	K	A		164																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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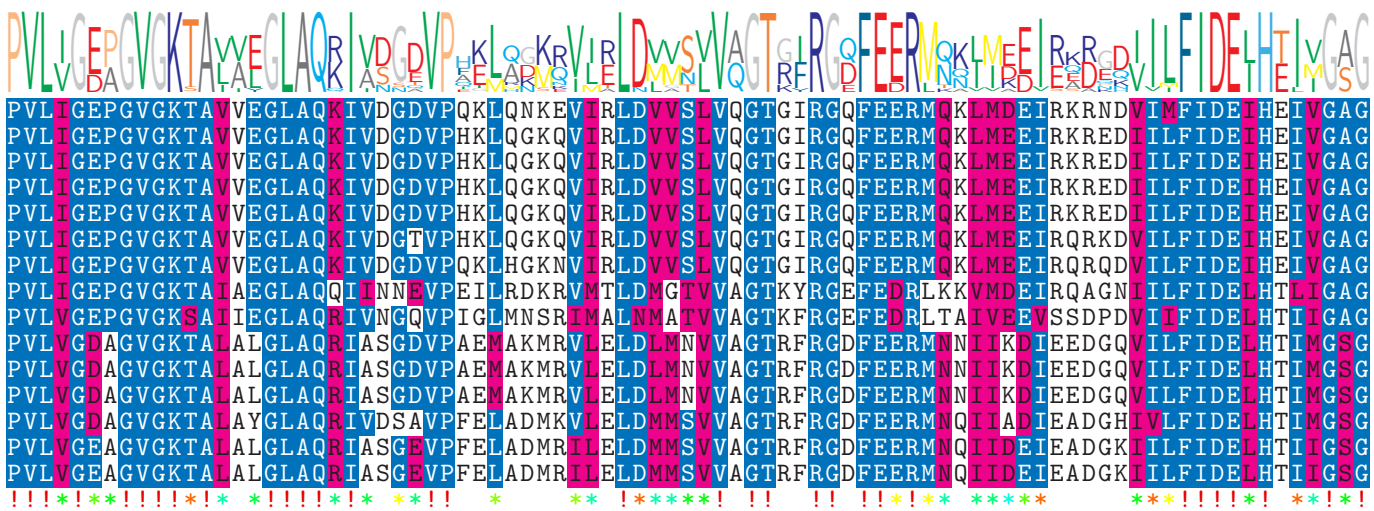
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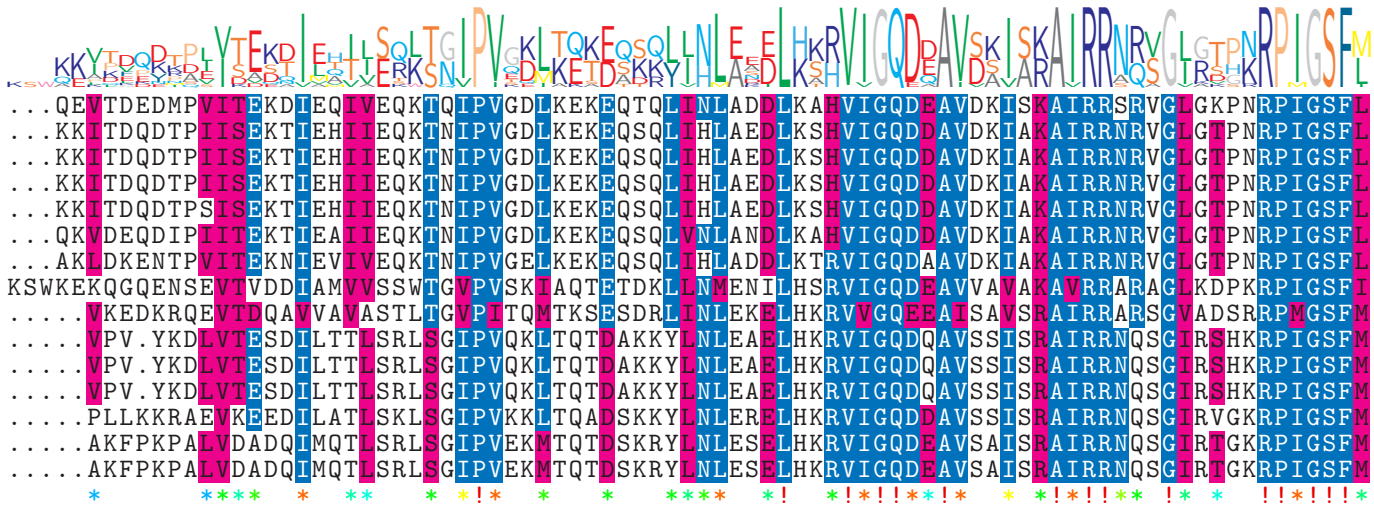
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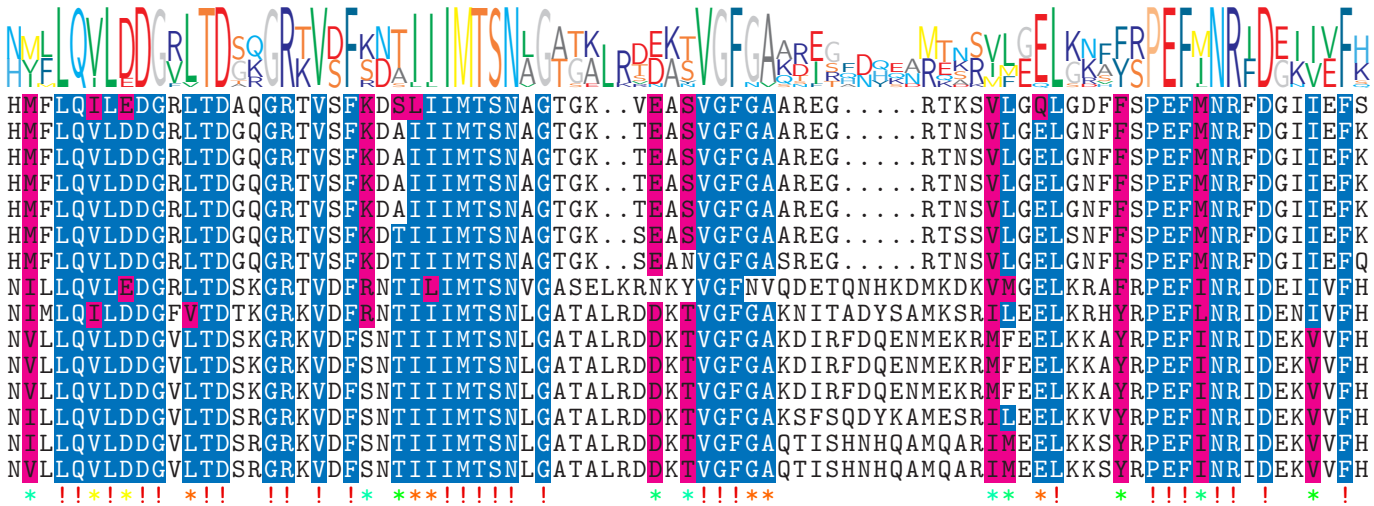
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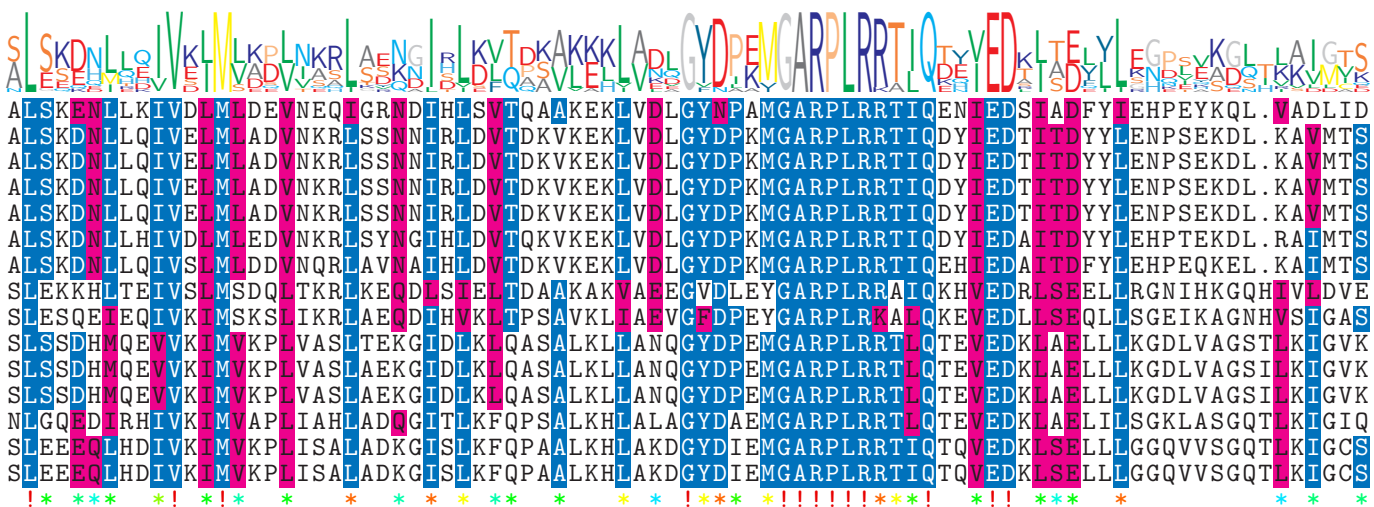
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NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus



725
731
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NTDB id 601 KW2 RS02615 WP 021036805.1	DKIVISNQTQE.TAETTDEEVPAE.	748
NTDB id 281 KZH43 RS03550 WP 000882517.1	KGNIIQIKSAKKAIEVKSSEKEK....	752
NTDB id 245 SPD RS03860 WP 000882517.1	KGNIIQIKSAKKAIEVKSSEKEK....	752
NTDB id 243 SPR RS03635 WP 000882517.1	KGNIIQIKSAKKAIEVKSSEKEK....	752
NTDB id 241 SP RS04015 WP 000882523.1	KGNIIQIKSAKKAIEVKSSEKEK....	752
NTDB id 83012 H7678 RS07595 WP 003060519.1	NSNIMIKAAKKDETVTAKQDKTDEN	763
NTDB id 378 SMURSO2690 WP 002263569.1	NGKIVIKASNKVETVTKATSD....	753
NTDB id 85 BSU 00860 NP 387967.1	DGEFVVKTTAKTN.....	810
NTDB id 610 V4T04 RS10165 WP 012897346.1	NKKIKIAQIV.....	816
NTDB id 287 SP RS11210 WP 001109712.1	AGQLKFDIA.....	810
NTDB id 290 KZH43 RS10025 WP 001109677.1	AGQLKFDIA.....	810
NTDB id 289 SPD RS10700 WP 001109677.1	AGQLKFDIA.....	810
NTDB id 377 SMU RS09275 WP 002262344.1	KEKLIKFDIV.....	813
NTDB id 297 STER RS00545 WP 011680614.1	KDKLTFTTVV.....	816
NTDB id 329 STU RS10020 WP 011225298.1	KDKLTFTTVV.....	816
consensus	* *	

- ⓧ non conserved
- ✖ similar
- ⓧ ≥ 50% conserved