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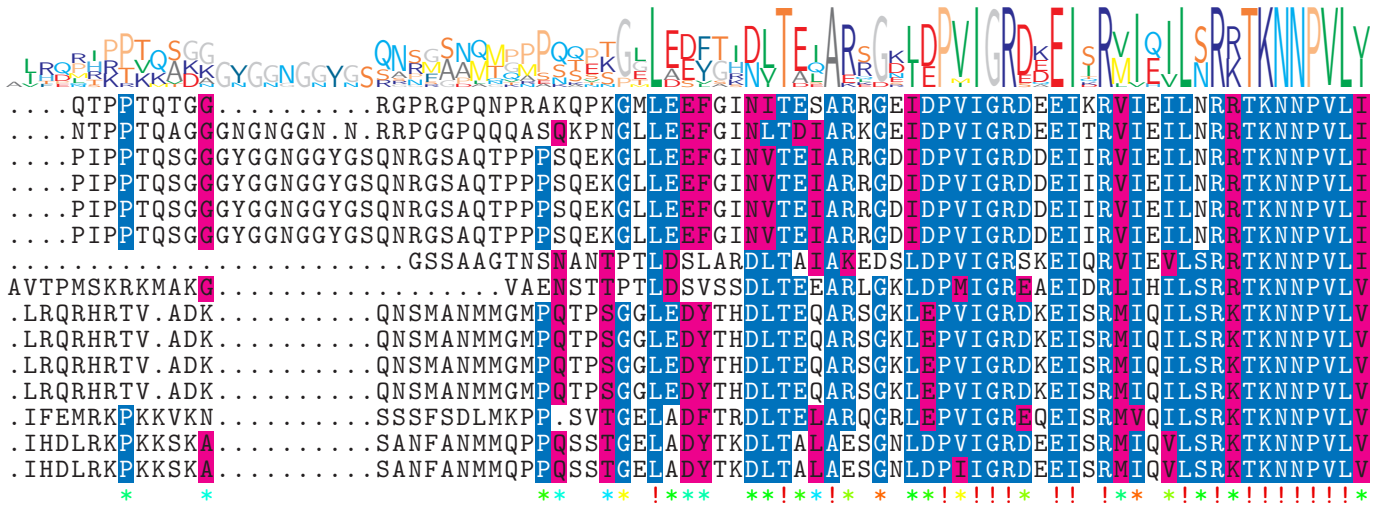
NTDB id	601 KW2 RS02615 WP 021036805.1	MLCQNCNINEA.....TI	13
NTDB id	378 SMU RS02690 WP 002263569.1	MLCQNCKLINEA.....TI	13
NTDB id	281 KZH43 RS03550 WP 000882517.1	MLCQNCKINDS.....TI	13
NTDB id	245 SPD RS03860 WP 000882517.1	MLCQNCKINDS.....TI	13
NTDB id	243 SPR RS03635 WP 000882517.1	MLCQNCKINDS.....TI	13
NTDB id	241 SP RS04015 WP 000882523.1	MLCQNCKINDS.....TI	13
NTDB id	85 BSU O0860 NP 387967.1	..MMFGRFTTERAQKVLALAQEEALRLGHNNGTEHLLGLVREGEGTAAAKALQALGLGSEKIQEVEESLI.....GRGQEMS	75
NTDB id	610 V4T04 RS10165 WP 012897346.1	MKFENIKYTPTLDRILEKAEEYAHHQYQYGTTIESAHLLAAMATTSGSLAYSLLAGMNVDSDDLII.....DLEDLSSHVKVKR	77
NTDB id	287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFHGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYSQDET	F 75
NTDB id	98936 R8570 RS10620 WP 001109701.1	MNYSKALNECIESAYMVAGHFHGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYSQDET	F 75
NTDB id	290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFHGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYSQDET	F 75
NTDB id	289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFHGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYSQDET	F 75
NTDB id	377 SMU RS09275 WP 002262344.1	...MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAAILAIGKKPKSSSN...DI	I 79
NTDB id	297 STER RS00545 WP 011680614.1	...MTIYSRKMQAIFHRAQLEAERFESPFLLETWHVLLAMVEVTGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLSEDI	I 81
NTDB id	329 STU RS10020 WP 011225298.1	...MTIYSRKMQAIFHRAQLEAERFESPFLLETWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLSEDI	I 81
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NTDB id	281	KZH43	RS03550	WP	000882517.1	HLYTNLNGKQKKQIDLCQNCYKT...IKTDPNNSLFKGMTDLNNRD.....FDP.FGDFFNDLNNFRPSSN..TP.	76
NTDB id	245	SPD	RS03860	WP	000882517.1	HLYTNLNGKQKKQIDLCQNCYKT...IKTDPNNSLFKGMTDLNNRD.....FDP.FGDFFNDLNNFRPSSN..TP.	76
NTDB id	243	SPR	RS03635	WP	000882517.1	HLYTNLNGKQKKQIDLCQNCYKT...IKTDPNNSLFKGMTDLNNRD.....FDP.FGDFFNDLNNFRPSSN..TP.	76
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NTDB id	85	BSU	O0860	NP	387967.1	QTIHYTPRAKKVIELSMDEARKLGHSYVCTEHLILLGLIREGEGVAARVLNNLGVSLNKARQQVLQL.....LGSNET....	147
NTDB id	610	V4T04	RS10165	WP	012897346.1	STLRFSPRAEVMTAASFLAIHNNSEAVCTEHLIYALLQVEDGFGLQLKL.....QKINIVSRKELEKRTGLKVPEESKK	153
NTDB id	287	SP	RS11210	WP	001109712.1	TELPFSRRLLQVLFDAAEYVASVVHAKVLCTEHVLYAILHDGNALATRIERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id	98936	R8570	RS10620	WP	001109701.1	TELPFSRRLLQVLFDAAEYVASVVHAKVLCTEHVLYAILHDGNALATRIERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
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NTDB id	329	STER	RS00545	WP	011680614.1	DLRAQSPALEAMLQEAEQIASVTGAVEVGESEHVLMFAFLHKDLMVCRILLEVAGFQYKDSDSKPRIIDLRRSLERNAGLSKQDLKA	166
NTDB id	297	STU	RS10020	WP	011225298.1	DLRAQSPALEAMLQEAEQGIASVTGAVEVGESEHVLMFAFLHKDLMVCRILLEVAGFQYKDSDSKPRIIDLRRSLERNAGLSKQDLKA	166
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NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 378 SMU RS02690 WP 002263569.1
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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 98936 R8570 RS10620 WP 001109701.1
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
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consensus



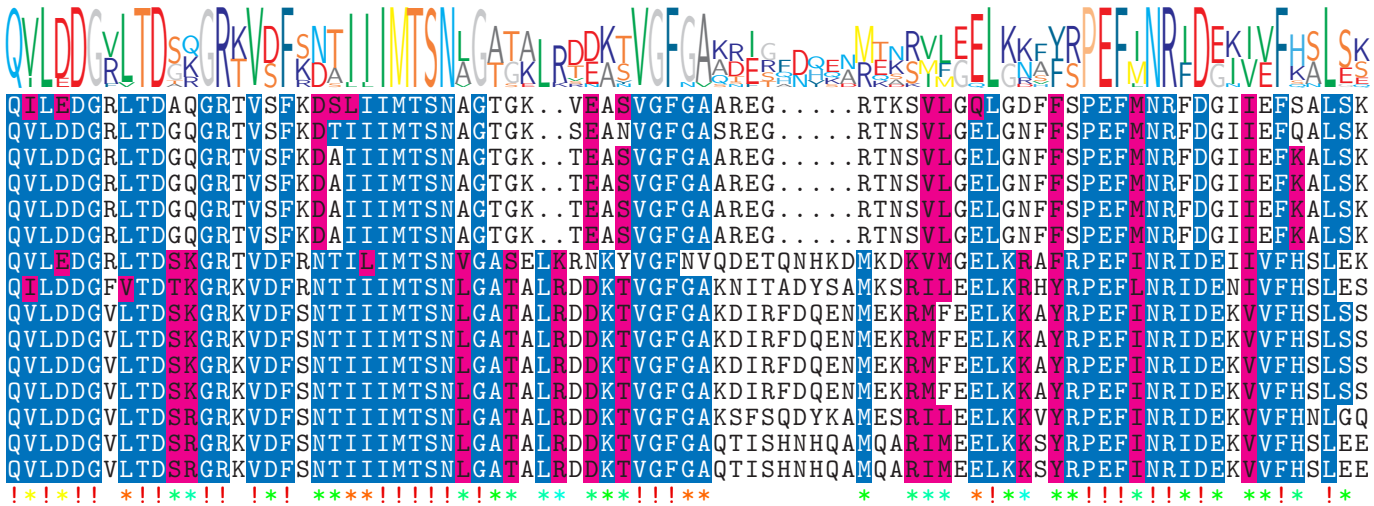
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NTDB	id	245	SPD	RS03860	WP	000882517.1	K	I	T	D	Q	D	T	P	I	I	S	E	K	T	I	E	H	I	I	E	Q	K	T	N	I	P	V	G	D	L	K	E	K	E	Q	S	Q	L	I	H	L	A	E	D	L	K	S	H	V	I	G	Q	D	A	V	D	K	I	A	K	A	I	R	R	N	R	V	G	L	G	T	P	N	R	P	I	G	S	F	L	F	V	G	P		488																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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NTDB	id	287	SP	RS11210	WP	001109712.1	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	T	D	A	K	K	Y	L	N	L	E	A	E	L	H	K	R	V	I	G	Q	D	Q	A	V	S	S	I	S	R	A	I	R	R	N	Q	S	G	I	R	S	H	K	R	P	I	G	S	F	M	F	L	G	P		550																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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NTDB	id	290	KZH43	RS10025	WP	001109677.1	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	T	D	A	K	K	Y	L	N	L	E	A	E	L	H	K	R	V	I	G	Q	D	Q	A	V	S	S	I	S	R	A	I	R	R	N	Q	S	G	I	R	S	H	K	R	P	I	G	S	F	M	F	L	G	P		550																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
NTDB	id	289	SPD	RS10700	WP	001109677.1	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	T	D	A	K	K	Y	L	N	L	E	A	E	L	H	K	R	V	I	G	Q	D	Q	A	V	S	S	I	S	R	A	I	R	R	N	Q	S	G	I	R	S	H	K	R	P	I	G	S	F	M	F	L	G	P		550																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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NTDB	id	297	STER	RS00545	WP	011680614.1	K	A	K	F	P	K	P	A	L	V	D	A	Q	I	M	Q	T	L	S	R	L	S	G	I	P	V	E	K	M	T	Q	T	D	S	K	R	Y	L	N	L	E	S	E	L	H	K	R	V	I	G	Q	D	E	A	V	S	A	S	I	S	R	A	I	R	R	N	Q	S	G	I	R	T	G	K	R	P	I	G	S	F	M	F	L	G	P		556																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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NTDB	id	601	KW2	RS02615	WP	021036805.1	TGVGKTELAKQLAKELFGSSES	MIRFDMSEYMEKH	SVAKL	IGAPPGYVGY	EEAGQ	LTERVVRNPYS	LILL	DETEKAHPD	VMH	MFL	567	
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NTDB	id	329	STU	RS10020	WP	011225298.1	TGVGKTELAKALAE	EVLFDDDESALLRFDMSEYMEK	FAA	SRLN	GAPPGYVGY	DEGGE	LTEKVRNPYS	VLL	DETEKAHPD	IFN	VLL	641
consensus								*** * *	*	*	*** * *	***	*	*** * *	***	*** *	*** *	

logo

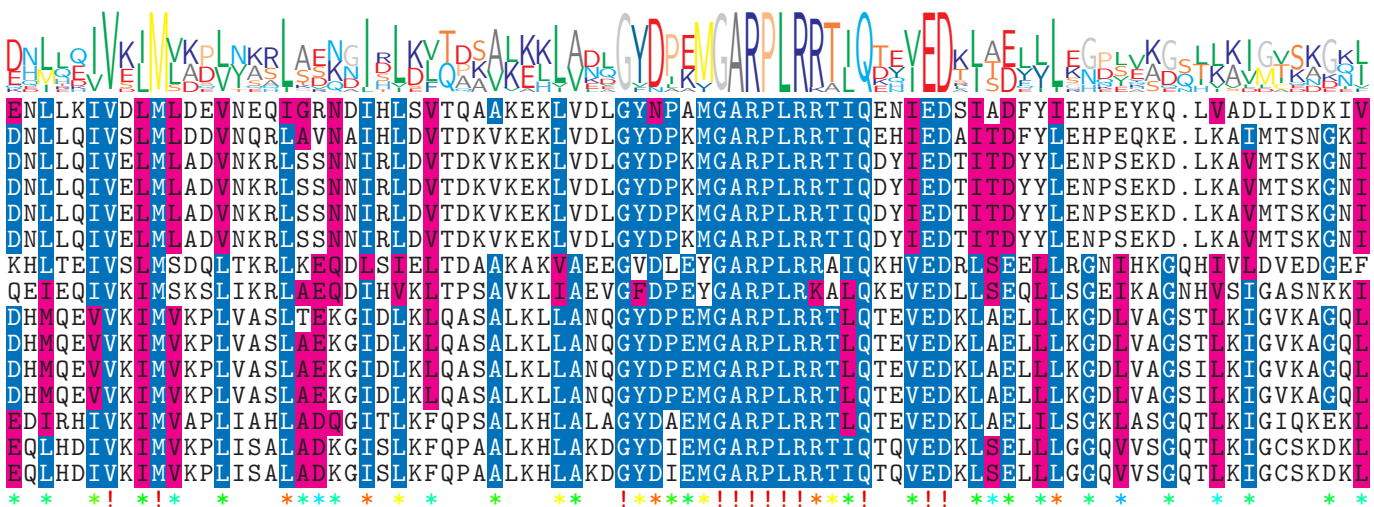
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NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 241 SP RS04015 WP 000882523.1
NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 98936 R8570 RS10620 WP 001109701.1
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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NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 378 SMU RS02690 WP 002263569.1
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 241 SP RS04015 WP 000882523.1
NTDB id 85 BSU 00860 NP 387967.1
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NTDB id 287 SP RS11210 WP 001109712.1
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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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logo

NTDB id 601 KW2 RS02615 WP 021036805.1	ISNQTQETAETTDDEEVPAE	748
NTDB id 378 SMU RS02690 WP 002263569.1	VIKASNK.VETVTKATSD.	753
NTDB id 281 KZH43 RS03550 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
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NTDB id 297 STER RS00545 WP 011680614.1	TFTVV.....	816
NTDB id 329 STU RS10020 WP 011225298.1	TFTVV.....	816
consensus		



-  non conserved
-  similar
-  ≥ 50% conserved