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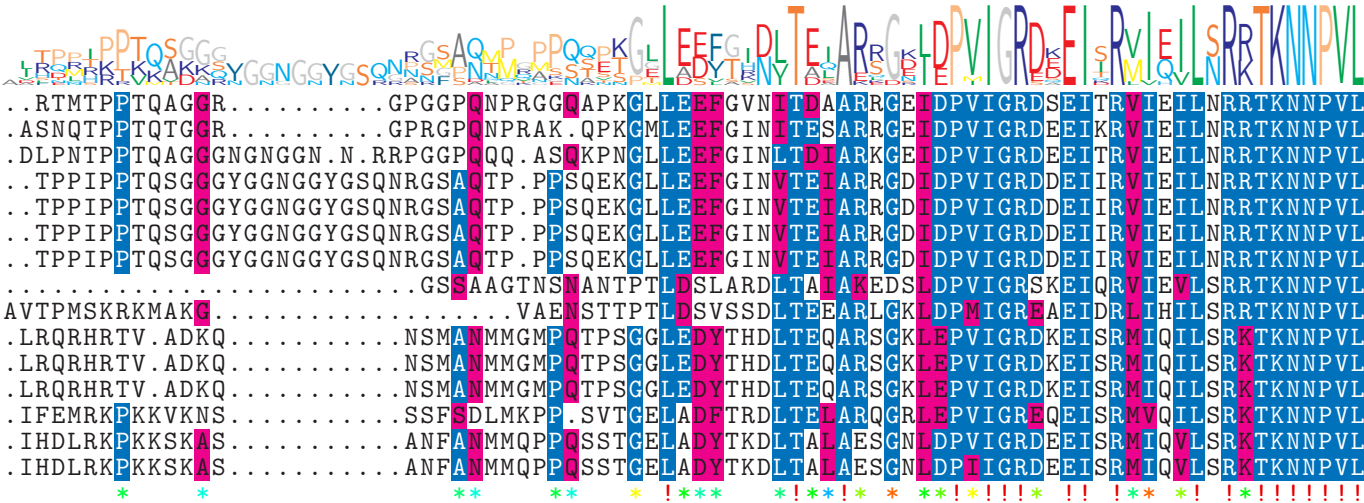
NTDB id 42109 LCGT RS07845 WP 014025304.1	M..CQNCKTNEA.....TI	13
NTDB id 601 KW2 RS02615 WP 021036805.1	M..CQNCNNEA.....TI	13
NTDB id 378 SMU RS02690 WP 002263569.1	M..CQNCKTNEA.....TI	13
NTDB id 241 SP RS04015 WP 000882523.1	M..CQNCKTNDN.....TI	13
NTDB id 281 KZH43 RS03550 WP 000882517.1	M..CQNCKTNDN.....TI	13
NTDB id 245 SPD RS03860 WP 000882517.1	M..CQNCKTNDN.....TI	13
NTDB id 243 SPR RS03635 WP 000882517.1	M..CQNCKTNDN.....TI	13
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTEAQQKVLALAQEEALRLGHNNIGTEHILLGLVREGEITAAKALQALGLGSEKIQKEVESLIG.....RGQEMS	75
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYPTPLDRILEKAEYYAHQYQYGTIESAHLLEAMATTSGSLAYSLLAGMNVDSDDLIDL.....EDLSSHVKVKR	77
NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 377 SMU RS09275 WP 002262344.1	...MTDYSLSKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFADVRFEDYQAAAILAIGKKPKSSSN..DI	79
NTDB id 297 STER RS00545 WP 011680614.1	...MTIYSRKMQAIFHRAQLEAERFESPFLFETWHVLLAMVEVTGSMAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLSESDI	81
NTDB id 329 STU RS10020 WP 011225298.1	...MTIYSRKMQAIFHRAQLEAERFESPFLFETWHVLLAMVEVPGSMAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLSESDI	81
consensus	**.....*	**

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NTDB id 42109 LCGT RS07845 WP 014025304.1	HLYTNVNGQKQKQDLCCNCYQ...IMKSGGQESTFAGA.TNISNNDPPFNP.....FPDIFQALHGND.QG.....	74
NTDB id 601 KW2 RS02615 WP 021036805.1	HLYTSVNGQKQKQDLCCNCYQ...IMKSGGQEALEFGAGNASNGNSDEPFNP.....FNDIFSALQGQD.FNGA....	77
NTDB id 378 SMU RS02690 WP 002263569.1	HLYANVNGQKQKQDLCCNCYQ...IMKTDPENGPLNHSQQNSSSINPF.....FDDFFGDLNNFRAFNNQ....	76
NTDB id 241 SP RS04015 WP 000882523.1	HLYTNLNGKQKQDLCCNCYK...IKTDPNNSLEFKGMTDLNNRDFDP.....FGDFFNDLNNFRPSSN.....	74
NTDB id 281 KZH43 RS03550 WP 000882517.1	HLYTNLNGKQKQDLCCNCYK...IKTDPNNSLEFKGMTDLNNRDFDP.....FGDFFNDLNNFRPSSN.....	74
NTDB id 245 SPD RS03860 WP 000882517.1	HLYTNLNGKQKQDLCCNCYK...IKTDPNNSLEFKGMTDLNNRDFDP.....FGDFFNDLNNFRPSSN.....	74
NTDB id 243 SPR RS03635 WP 000882517.1	HLYTNLNGKQKQDLCCNCYK...IKTDPNNSLEFKGMTDLNNRDFDP.....FGDFFNDLNNFRPSSN.....	74
NTDB id 85 BSU 00860 NP 387967.1	QTIHYTPRAKKVIELSMDEARKLGHSYVCTEHLILLGLIREGEVAAARVLNNLGVSLNKARQQVLQL.....LCSNET....	147
NTDB id 610 V4T04 RS10165 WP 012897346.1	STLRFSPRAEEVMTAASFLAIHNNSEAVCTEHLIYALLQVEDGFGLQLLKL.....QKINIVSRKELEKRTGLKVPESKK	153
NTDB id 290 KZH43 RS10025 WP 001109677.1	TELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id 289 SPD RS10700 WP 001109677.1	TELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id 287 SP RS11210 WP 001109712.1	TELPFSRRLQVLFDEAEYVASVVHAKVLGTEHVLYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id 377 SMU RS09275 WP 002262344.1	MLEQSHALKKTLAEAAAISQVTHAKEVCTEHLVLFAMLLNPNLLATRILELVGFHAKDDGESIRLLDRKVIERYACFSKEDIKA	164
NTDB id 297 STER RS00545 WP 011680614.1	DLRACSPALEAMQEAQEIASVTGAVEVGSSEHVLMAFLHKLDMVCRLLLEVAGFYKDDSDKPRIIDLRRLERNAGLSKQDLKA	166
NTDB id 329 STU RS10020 WP 011225298.1	DLRACSPALEAMQEAQGIASVTGAVEVGSSEHVLMAFLHKLDMVCRLLLEVAGFYKDDSDKPRIIDLRRLERNAGLSKQDLKA	166
consensus	* * * * *	* * * * *

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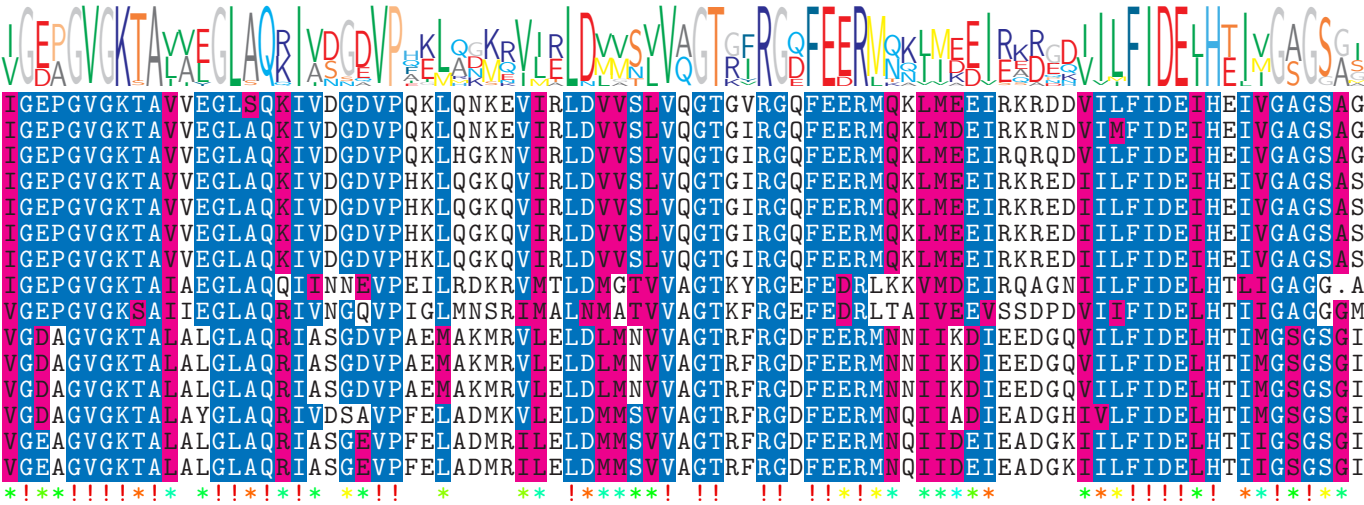
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NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus



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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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D	G	N	M	D	A	G	N	I	L	K	P	A	L	R	G	E	L	Q	L	V	G	A	T	T	L	N	E	Y	R	.	I	E	K	D	A	A	L	E	R	R	M	Q	P	V	K	V	D	E	P	S	V	D	E	T	I	L	R	G	I	Q	K	R	Y	E	D	Y	H	H	V	K	Y	S	D	E	A	I	L	A	A	A		316			
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D	G	N	M	D	A	G	N	I	L	K	P	A	L	R	G	E	L	Q	L	V	G	A	T	T	L	N	E	Y	R	.	I	E	K	D	A	A	L	E	R	R	M	Q	P	V	K	V	D	E	P	S	V	A	E	T	I	L	K	G	I	Q	P	K	Y	E	D	Y	H	H	V	K	Y	T	D	E	A	I	E	A	A	A		326			
D	G	N	M	D	A	G	N	I	L	K	P	A	L	R	G	E	L	Q	L	V	G	A	T	T	L	N	E	Y	R	.	I	E	K	D	A	A	L	E	R	R	M	Q	P	V	K	V	D	E	P	T	V	D	E	T	I	L	K	G	I	Q	K	K	Y	E	D	Y	H	H	V	Q	Y	T	D	A	I	E	A	A	A		325				
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E	G	A	I	D	A	S	N	I	L	K	P	S	L	A	R	G	E	L	Q	C	T	G	A	T	T	L	D	E	Y	R	K	Y	.	I	E	K	D	A	A	L	E	R	R	F	Q	P	I	Q	V	D	Q	P	S	V	D	E	S	I	Q	I	L	Q	L	R	D	R	Y	E	A	H	R	V	S	I	T	D	D	A	I	E	A	A	V		375
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D	S	T	L	D	A	A	N	I	L	K	P	A	L	R	G	T	L	R	T	V	G	A	T	T	Q	E	E	Y	Q	K	H	.	I	E	K	D	A</																																																

Sequence	Score
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NTDB id 42109 LCGT RS07845 WP 014025304.1	V	I	V	N	K	P	E	E	V	E	A	T	T	D	T	S	D	N	K	D	E	E	K		748
NTDB id 601 KW2 RS02615 WP 021036805.1	V	I	S	N	Q	T	Q	E	T	A	E	T	T	D	E	E	V	P	A	E	...				748
NTDB id 378 SMU RS02690 WP 002263569.1	I	V	I	K	A	S	N	K	V	E	T	V	T	K	A	T	S	D	...						753
NTDB id 241 SP RS04015 WP 000882523.1	I	Q	I	K	S	A	K	K	A	E	V	K	S	S	E	K	E	K	...						752
NTDB id 281 KZH43 RS03550 WP 000882517.1	I	Q	I	K	S	A	K	K	A	E	V	K	S	S	E	K	E	K	...						752
NTDB id 245 SPD RS03860 WP 000882517.1	I	Q	I	K	S	A	K	K	A	E	V	K	S	S	E	K	E	K	...						752
NTDB id 243 SPR RS03635 WP 000882517.1	I	Q	I	K	S	A	K	K	A	E	V	K	S	S	E	K	E	K	...						752
NTDB id 85 BSU 00860 NP 387967.1	F	V	V	K	T	T	A	K	T	N	...													810	
NTDB id 610 V4T04 RS10165 WP 012897346.1	I	K	I	A	Q	I	V	...																816	
NTDB id 290 KZH43 RS10025 WP 001109677.1	L	K	F	D	I	A	...																	810	
NTDB id 289 SPD RS10700 WP 001109677.1	L	K	F	D	I	A	...																	810	
NTDB id 287 SP RS11210 WP 001109712.1	L	K	F	D	I	A	...																	810	
NTDB id 377 SMU RS09275 WP 002262344.1	L	K	F	D	I	V	...																	813	
NTDB id 297 STER RS00545 WP 011680614.1	L	T	F	T	V	V	...																	816	
NTDB id 329 STU RS10020 WP 011225298.1	L	T	F	T	V	V	...																	816	
consensus	*																								

-  non conserved
-  similar
-  ≥ 50% conserved