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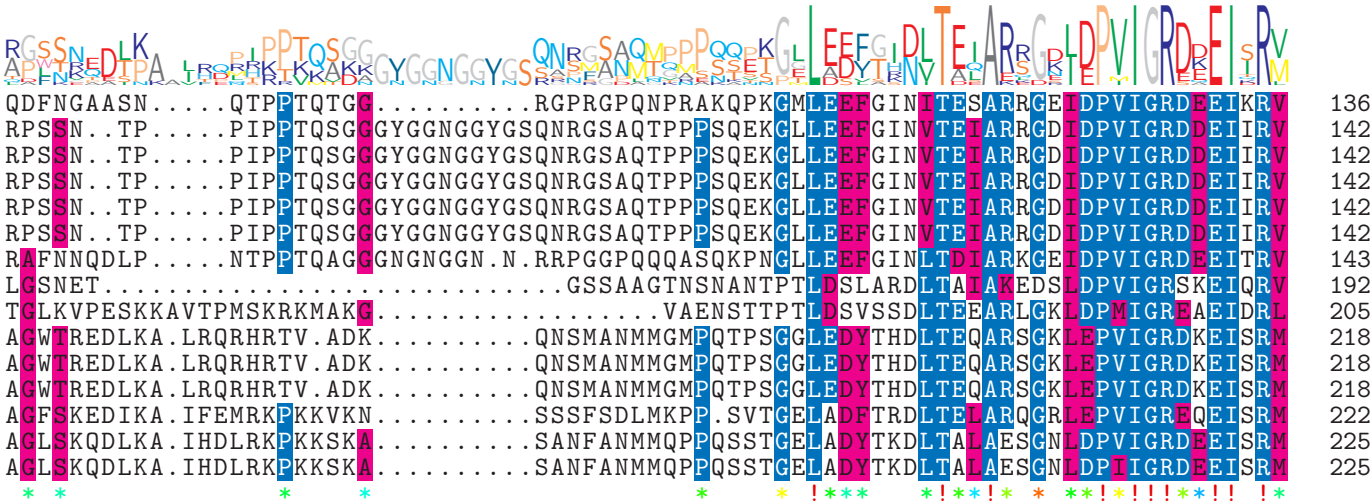
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NTDB id 281 KZH43 RS03550 WP 000882517.1	MTCQNCKINDST.....	12
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NTDB id 243 SPR RS03635 WP 000882517.1	MTCQNCKINDST.....	12
NTDB id 241 SP RS04015 WP 000882523.1	MTCQNCKINDST.....	12
NTDB id 378 SMU RS02690 WP 002263569.1	MTCQNCKINEAT.....	12
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEGTAAKALQALGLGSEKIQKEVESLIG.....R	70
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYTPTLDRILEKAEYYAHQYQYGTIESAHLLEAMATTSGSLAYSLLAGMNVDSDDLIDL.....EDLSSH	72
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NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS	70
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS	70
NTDB id 377 SMU RS09275 WP 002262344.1	MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAAILAIGKKPKSSS	76
NTDB id 297 STER RS00545 WP 011680614.1	...MTIYSRKMQAIFHRAQLEAERFESPFFLETWHVLLAMVEVTGSAVYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLS	76
NTDB id 329 STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFFLETWHVLLAMVEVPGSAVYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLS	76
consensus	**.....*	

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NTDB id 601 KW2 RS02615 WP 021036805.1	IHL YTSVNCQKQIDLCQNCYQI...MKSQGGEALFGAGNASMNGNSDE.....PFNP.FNDIFSAIQQG.	71
NTDB id 1116265 EQB42 RS03895 WP 000882517.1	IHL YTNLNGKQKQIDLCQNCYKI...IKTDPNNSLFKGMTDLNMRD.....FDP.FGDDFFNDLNNF	69
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NTDB id 85 BSU 00860 NP 387967.1	GQEMSQTIHYTPRAKKVIELSMDEARKLGHSYVCTEHLILGLIREGEGVAARVLNNLGVSLNKARQQVLQL.....	141
NTDB id 610 V4T04 RS10165 WP 012897346.1	VKVKRSTLRFSPRAEVEVMTAASFLAIHNNSEAVCTEHLIYALLQVEDGFGLQLLKL.....QKINIVSLRKETEKR	143
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NTDB id 290 KZH43 RS10025 WP 001109677.1	QDETFTTELPFSRRLQILFDEAEYVASV VHAKVLCTEHLVYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 289 SPD RS10700 WP 001109677.1	QDETFTTELPFSRRLQILFDEAEYVASV VHAKVLCTEHLVYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
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NTDB id 297 STER RS00545 WP 011680614.1	ESDIIDLRAQSPALEAMLQEAQEIASVTGAVEVGESEHVLMAFLLHKDLMVCRLLEVAGFQYKDDSDKPRIIDLRRSLERN	156
NTDB id 329 STU RS10020 WP 011225298.1	ESDIIDLRAQSPALEAMLQEAQGIASVTGAVEVGESEHVLMAFLLHKDLMVCRLLEVAGFQYKDDSDKPRIIDLRRSLERN	156
consensus	* * * * * * * * * * * * * * * *	

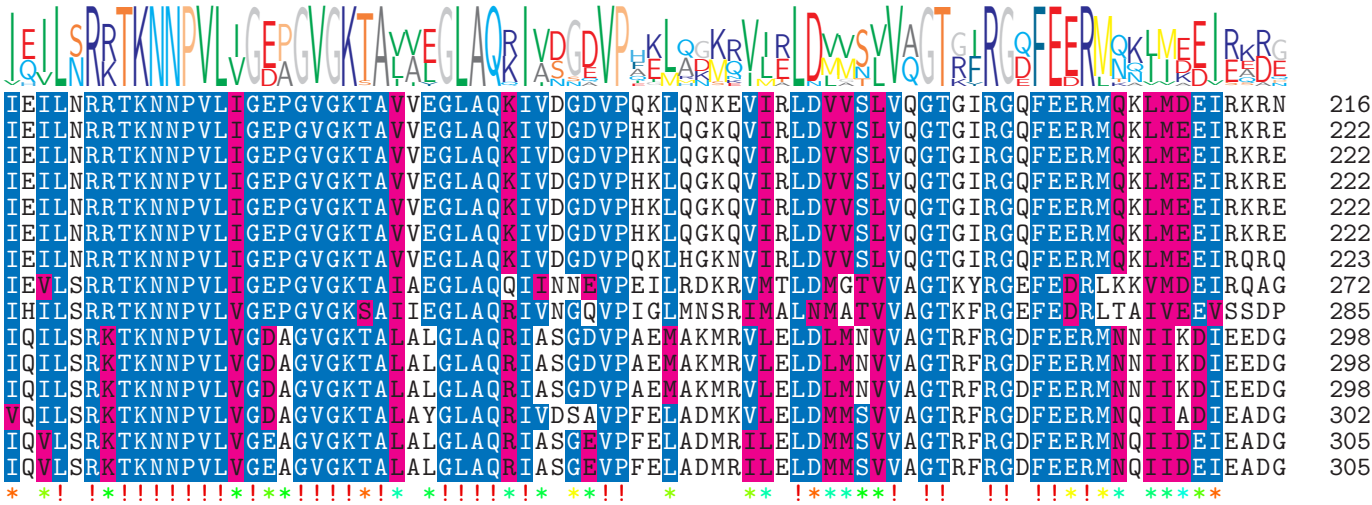
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NTDB id 329 STU RS10020 WP 011225298.1
consensus



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NTDB id 610 V4T04 RS10165 WP 012897346.1	DVILFIDEIHTIIGAGG	MDSVMDAANILKPALARGE	FGQIVGATTYHEYQKYIEKDAALERRLARIN	VDEPSVDEIAITIL	365	
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NTDB id 297 STER RS00545 WP 011680614.1	KIILFIDEIHTIIGSG	IDSTLDAANILKPALARGE	TLHMVGATTQAEYQKHIEKDAALSRRFAKIT	IEEPSVSEAD	DIL	385
NTDB id 329 STU RS10020 WP 011225298.1	KIILFIDEIHTIIGSG	IDSTLDAANILKPALARGE	TLHMVGATTQAEYQKHIEKDAALSRRFAKIT	IEEPSVSEAD	DIL	385
consensus	***!!!!*!*!*!*** *	*!***!!!!*!!!!****!!	!!	!!!!*!!*!! *	***!*****!!	

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NTDB id 601 KW2 RS02615 WP 021036805.1	RGIQARYEDYHHVKYTDAAIEAAAHLSNRYIQDRFLPDKAIDLLDESGSKKNLITLKF..VDPEDINRRITADAENKKNEAT	373
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NTDB id 610 V4T04 RS10165 WP 012897346.1	QGLREKFEEDYHQVKFTDQAIKSAVMSLVRYMTSRKLPDKAIDLLDEAAAVKISVKNQQTKRLDLEKLEAEAEQELSEAV	445
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NTDB id 329 STU RS10020 WP 011225298.1	NGLRSSYEDYHRVTITDAAVETAVKAAHRYLTSKNLPDSAIDLLDEASATVQVRIKK..EAKREI....T....PLDEAL	455
consensus	!* **!*!!! *! **!*! ** !!* * * !!!*!!!!*!!!!*!! *** *	

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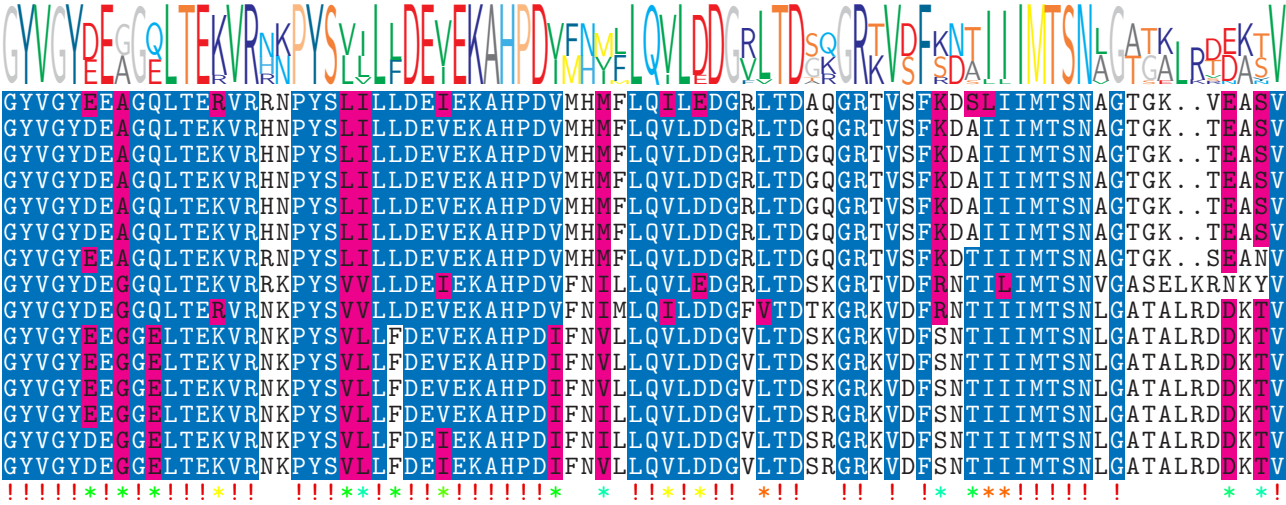
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consensus

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consensus



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consensus



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NTDB id 281 KZH43 RS03550 WP 000882517.1	VDLGYDPKMGARPLRRTIQDYIEDTTIDYYLENPSEKD.LKAVMTSKGNIQIKSAKKA.EVKSSEKEK.	752
NTDB id 245 SPD RS03860 WP 000882517.1	VDLGYDPKMGARPLRRTIQDYIEDTTIDYYLENPSEKD.LKAVMTSKGNIQIKSAKKA.EVKSSEKEK.	752
NTDB id 243 SPR RS03635 WP 000882517.1	VDLGYDPKMGARPLRRTIQDYIEDTTIDYYLENPSEKD.LKAVMTSKGNIQIKSAKKA.EVKSSEKEK.	752
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consensus	* !*** * !!!!!!!***! *!! *** *	

- non conserved
- similar
- ≥ 50% conserved