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NTDB id 601 KW2 RS02615 WP 021036805.1	MTCQNCMINEAT.....	12
NTDB id 1152122 MMH06 RS06910 WP 000882517.1	MTCQNCKINDST.....	12
NTDB id 281 KZH43 RS03550 WP 000882517.1	MTCQNCKINDST.....	12
NTDB id 245 SPD RS03860 WP 000882517.1	MTCQNCKINDST.....	12
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
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS	70
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	...MTIYSRKMQAIFHRAQLEAERFESPFLWTWHVLLAMVEVTGSAVYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLS	76
NTDB id 329 STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFLWTWHVLLAMVEVPGSAVYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLS	76
consensus	**.....*	

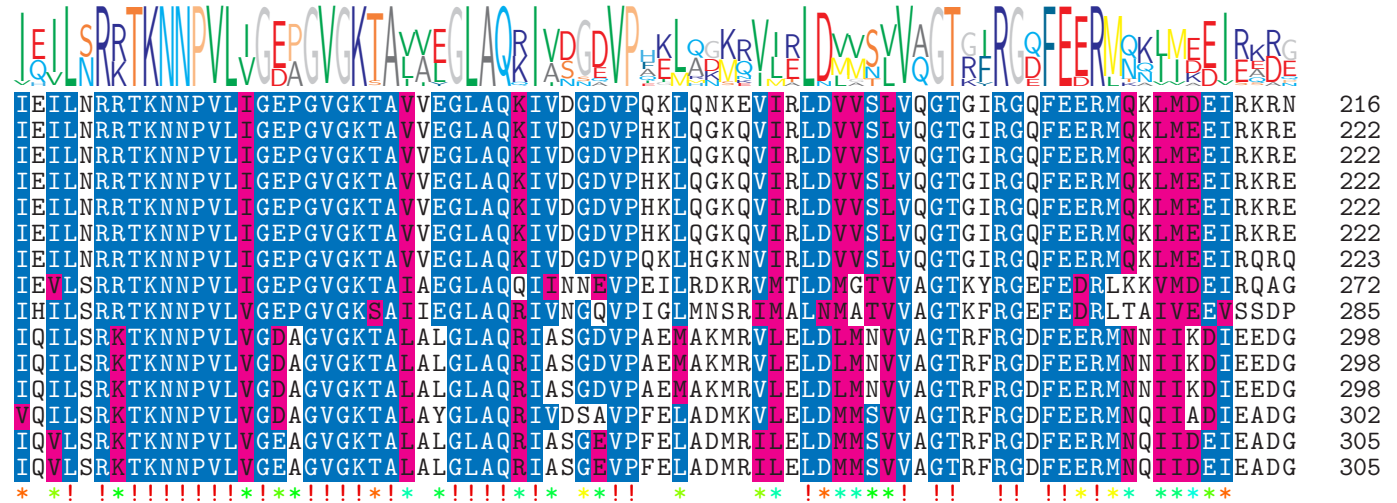
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NTDB id 1152122 MMH06 RS06910 WP 000882517.1	IHL YTNLNGKQKQIDLCQNCYKI...IKTDPNNSLFKGMTDLNNRD.....FDP.FGDFFNDLNNF	69
NTDB id 281 KZH43 RS03550 WP 000882517.1	IHL YTNLNGKQKQIDLCQNCYKI...IKTDPNNSLFKGMTDLNNRD.....FDP.FGDFFNDLNNF	69
NTDB id 245 SPD RS03860 WP 000882517.1	IHL YTNLNGKQKQIDLCQNCYKI...IKTDPNNSLFKGMTDLNNRD.....FDP.FGDFFNDLNNF	69
NTDB id 243 SPR RS03635 WP 000882517.1	IHL YTNLNGKQKQIDLCQNCYKI...IKTDPNNSLFKGMTDLNNRD.....FDP.FGDFFNDLNNF	69
NTDB id 241 SP RS04015 WP 000882523.1	IHL YTNLNGKQKQIDLCQNCYKI...IKTDPNNSLFKGMTDLNNRD.....FDP.FGDFFNDLNNF	69
NTDB id 378 SMU RS02690 WP 002263569.1	IHL YANVNCQKQIDLCQNCYQI...MKTDPENGPLNHSQQNSSS.....INPFFDDFFGDLNNF	70
NTDB id 85 BSU 00860 NP 387967.1	GQEMSQTIHYTPRAKKVIELSMDEARKLGHSYVCTEHLILGLIREGEGVAARVLNNLGVSLNKARQQVLQL.....	141
NTDB id 610 V4T04 RS10165 WP 012897346.1	VKVKRSTLRFSPRAEVEVMTAASFLAIHNNSEAVCTEHLILYALLQVEDGFGLQLLKL.....QKINIVSLRKETEKR	143
NTDB id 287 SP RS11210 WP 001109712.1	QDETFTELPFSSRRLQVLFDEAEYVASV VHAKVLCTEHLVYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 290 KZH43 RS10025 WP 001109677.1	QDETFTELPFSSRRLQILFDEAEYVASV VHAKVLCTEHLVYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 289 SPD RS10700 WP 001109677.1	QDETFTELPFSSRRLQILFDEAEYVASV 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 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	DVIMFIDEIHEIVGAGSAGDGNMDAGNILKPALARGE	LQIVGATTLNEYR	IEKDAALERRMQPVK	VDEPSVDE	ITITIL	295		
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NTDB id 610 V4T04 RS10165 WP 012897346.1	DVILFIDEIHTLIGAGG	MDSVMDAANILKPALARGE	LQIVGATTYHEYQKY	IEKDAALERRLAR	INVDEPSVDE	EAITIL		365
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NTDB id 297 STER RS00545 WP 011680614.1	KIILFIDEIHTIIGSG	IDSTLDAANILKPALARGE	TLHMVGATTQA	EYQKHIEKDAAL	SRRFAKIT	IEEPSVSE	ADIL	385
NTDB id 329 STU RS10020 WP 011225298.1	KIILFIDEIHTIIGSG	IDSTLDAANILKPALARGE	TLHMVGATTQA	EYQKHIEKDAAL	SRRFAKIT	IEEPSVSE	ADIL	385
consensus	***!!!!*!	***!*** *	* !*!!!!!!*!!!!	*****!!!!	!!	!!!!*!!*!!	* ***!*****!!	

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NTDB id 241 SP RS04015 WP 000882523.1	KGIQKKYEDYHHVQY	TDAEIAEAAATLSNRY	IQDRFLPDKAIDLLDE	AGSKMNLTLNF	..VDPKVIDQRL	IAENLKSQAT	379
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NTDB id 297 STER RS00545 WP 011680614.1	NGLRSSYEDYHRVTIT	DAAVETAVKAAHRYL	TSKNLPDSAIDLLDE	ASATVQVRIKK	..EDKREI....T....	PLDEAL	455
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consensus	!* ***!!!! !	*! !****	** !!* *	!!!!*!!!!!!*!!!!	*** *	* *** *	!


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consensus

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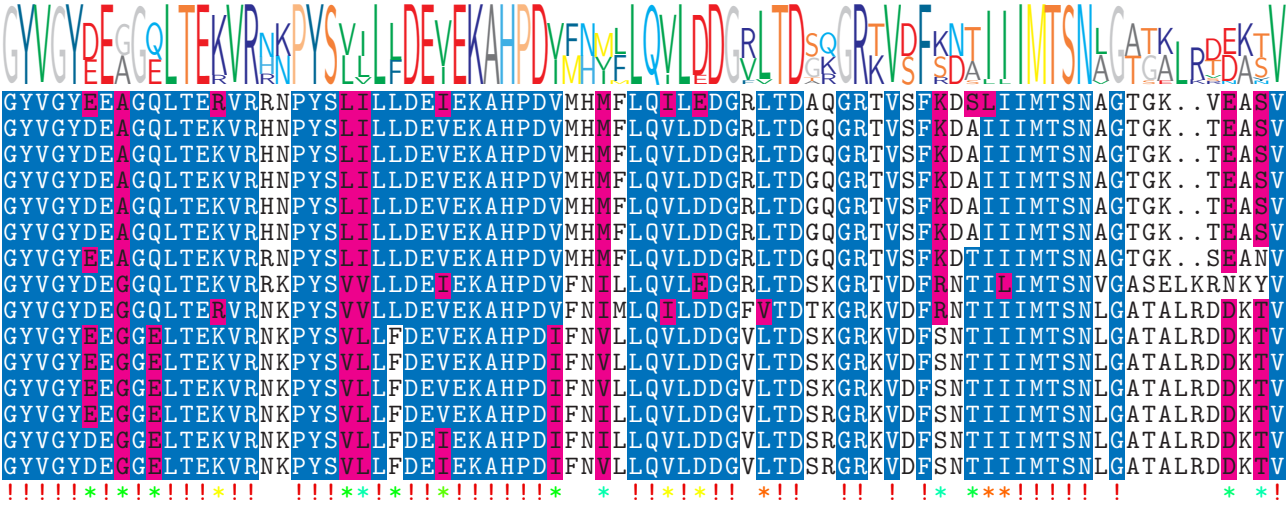
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consensus

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consensus



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consensus



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NTDB id 281 KZH43 RS03550 WP 000882517.1	VDLGYDPKMGARPLRRTIQDYIEDTTTDYYLENPSEKD.LKAVMTSKGNIQIKSAKKA.EVKSSEKEK.	752
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NTDB id 243 SPR RS03635 WP 000882517.1	VDLGYDPKMGARPLRRTIQDYIEDTTTDYYLENPSEKD.LKAVMTSKGNIQIKSAKKA.EVKSSEKEK.	752
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consensus	* !*** * !!!!!!!***! *!! *** *	

- non conserved
- similar
- ≥ 50% conserved