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NTDB id 988171 AAEU35 RS04710 WP 012897283.1	MTCQNCNINEA.....	11
NTDB id 601 KW2 RS02615 WP 021036805.1	MTCQNCNINEA.....	11
NTDB id 378 SMU RS02690 WP 002263569.1	MTCQNCNINEA.....	11
NTDB id 281 KZH43 RS03550 WP 000882517.1	MTCQNCNINDS.....	11
NTDB id 245 SPD RS03860 WP 000882517.1	MTCQNCNINDS.....	11
NTDB id 243 SPR RS03635 WP 000882517.1	MTCQNCNINDS.....	11
NTDB id 241 SP RS04015 WP 000882523.1	MTCQNCNINDS.....	11
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNGTTEHILLGLVREGGTAAKALQALGLGSEKIQKEVESLIG.....R	70
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYTPTLDRILEKAEYYAHQYQYGTIESAHLAAMATTSGSLAYSLLAGMNVDSDDLIDL.....EDLSSH	72
NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS	70
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS	70
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS	70
NTDB id 377 SMU RS09275 WP 002262344.1	MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAAILAIGKKPKSSS	76
NTDB id 297 STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLEAERFESPFLWTWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLS	76
NTDB id 329 STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFLWTWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLS	76
consensus	**.....*	

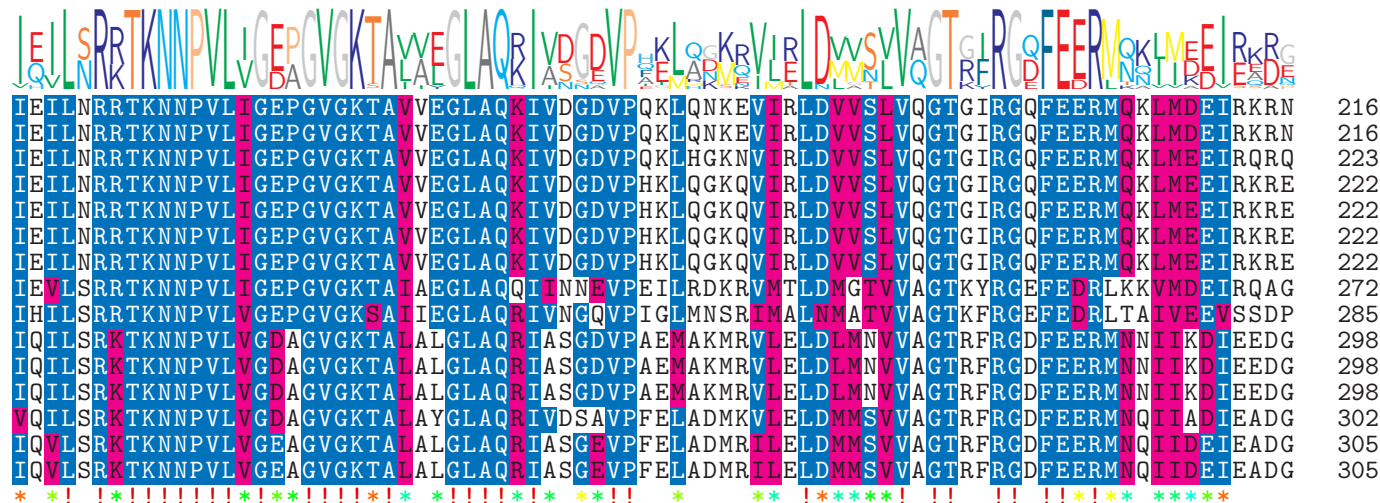
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NTDB id 988171 AAEU35 RS04710 WP 012897283.1	...TIHLYTSVNGQKQKQIDLCQNCYQ...IMKSGGQEALEFGAGNASMGNSDEP.....FNP.FNDIFSATHGQ	72
NTDB id 601 KW2 RS02615 WP 021036805.1	...TIHLYTSVNGQKQKQIDLCQNCYQ...IMKSGGQEALEFGAGNASMGNSDEP.....FNP.FNDIFSATQGQ	72
NTDB id 378 SMU RS02690 WP 002263569.1	...TIHLYANVNGQKQKQIDLCQNCYQ...IMKTDPENGPLNHSQQMSSS.....INPFDDFFGDLNMF	70
NTDB id 281 KZH43 RS03550 WP 000882517.1	...TIHLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNMRD.....FDP.FGDFFNDLNMF	69
NTDB id 245 SPD RS03860 WP 000882517.1	...TIHLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNMRD.....FDP.FGDFFNDLNMF	69
NTDB id 243 SPR RS03635 WP 000882517.1	...TIHLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNMRD.....FDP.FGDFFNDLNMF	69
NTDB id 241 SP RS04015 WP 000882523.1	...TIHLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNMRD.....FDP.FGDFFNDLNMF	69
NTDB id 85 BSU 00860 NP 387967.1	GQEMSQTIHYTPRAKKVIELSMDEARKLGHSYVCTEHLILLGLIREGEGVAARVLNNLGVSLNKARQQVLQL.....	141
NTDB id 610 V4T04 RS10165 WP 012897346.1	VKVKRSTLRFSPRAEEVMTAASFLAIHNNSEAVCTEHLIYALLQVEDGFGLQLLKL.....QKINIVSRKETEKR	143
NTDB id 290 KZH43 RS10025 WP 001109677.1	QDETFTTELPFSRRLQILFDEAEYVASVVHAKVLCTEHVLVAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 289 SPD RS10700 WP 001109677.1	QDETFTTELPFSRRLQILFDEAEYVASVVHAKVLCTEHVLVAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 287 SP RS11210 WP 001109712.1	QDETFTTELPFSRRLQVLFDEAEYVASVVHAKVLCTEHVLVAILHDSMALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
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NTDB id 297 STER RS00545 WP 011680614.1	ESDIIDLRAQSPALEAMLQEAQEIASVTGAVEVGESEHVLMAFILHKLDMVCRLLLEVAGFQYKDDSDKPRIIDRRSLERN	156
NTDB id 329 STU RS10020 WP 011225298.1	ESDIIDLRAQSPALEAMLQEAQGIASVTGAVEVGESEHVLMAFILHKLDMVCRLLLEVAGFQYKDDSDKPRIIDRRSLERN	156
consensus	** * * * * * * * * * *	

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NTDB id 988171 AAU35 RS04710 WP 012897283.1
NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 378 SMU RS02690 WP 002263569.1
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NTDB id 241 SP RS04015 WP 000882523.1
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NTDB id 287 SP RS11210 WP 001109712.1
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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NTDB id 988171 AAEU35 RS04710 WP 012897283.1	DVIMFIDELHEIVGAGSAGDGNMDAGNILKPALARGE	LQLVGATTLNEYR	IEKDAALERRMQPVK	VDEPSVDE	ITITIL	295		
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NTDB id 378 SMU RS02690 WP 002263569.1	DVILFIDELHEIVGAGSAGDGNMDAGNILKPALARGE	LQLVGATTLNEYR	IEKDAALERRMQPVK	VDEPSVAET	ITITIL	302		
NTDB id 281 KZH43 RS03550 WP 000882517.1	DIILFIDELHEIVGAGSASDGNMDAGNILKPALARGE	LQLVGATTLNEYR	IEKDAALERRMQPVK	VDEPTVDE	ITITIL	301		
NTDB id 245 SPD RS03860 WP 000882517.1	DIILFIDELHEIVGAGSASDGNMDAGNILKPALARGE	LQLVGATTLNEYR	IEKDAALERRMQPVK	VDEPTVDE	ITITIL	301		
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NTDB id 289 SPD RS10700 WP 001109677.1	QVILFIDELHTIMSGSG	IDSTLDAANILKPALARGE	TLRTVGATTQE	EYQKHIEKDAAL	SRRFAKVT	IEEPSVADSM	ITIL	378
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NTDB id 377 SMU RS09275 WP 002262344.1	HIVLFIDELHTIMSGSG	IDSTLDAANILKPALARGE	SLRTVGATTQE	EYQKHIEKDAAL	SRRFAKVT	IEEPSVEEAYQIL	382	
NTDB id 297 STER RS00545 WP 011680614.1	KIILFIDELHTIIGSGSG	IDSTLDAANILKPALARGE	TLHMVGATTQ	AEYQKHIEKDAAL	SRRFAKIT	IEEPSVSEADIL	385	
NTDB id 329 STU RS10020 WP 011225298.1	KIILFIDELHTIIGSGSG	IDSTLDAANILKPALARGE	TLHMVGATTQ	AEYQKHIEKDAAL	SRRFAKIT	IEEPSVSEADIL	385	
consensus	***!!!!*!	***!*** *	* *!!!!*!!!!*!!!!*	*****!!!!	!!	!!!!*!!*!!	* ***!*****!!	

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NTDB id 601 KW2 RS02615 WP 021036805.1	RGIQARYEDYHHVQY	TDAEIAEAAHLSNRY	IQDRFLPDKAIDLLDE	SGSKKNLT	IKF..VDPED	INRRITAD	AENKKNEAT	373
NTDB id 378 SMU RS02690 WP 002263569.1	KGIQPKYEDYHHVQY	TDAEIAEAAANLSNRY	IQDRFLPDKAIDLLDE	AGSKMNL	TINF..VDPKE	IDHRLIE	ENLKAQAT	380
NTDB id 281 KZH43 RS03550 WP 000882517.1	KGIQKKYEDYHHVQY	TDAEIAEAAATLSNRY	IQDRFLPDKAIDLLDE	AGSKMNL	TINF..VDPKV	IDQRLIE	ENLKSQAT	379
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NTDB id 297 STER RS00545 WP 011680614.1	NGLRSSYEDYHRVTI	TDAAVETAVKAAHRY	LTSKNLPDSAIDLLDE	ASATVQVR	IKK..EDKRE	I....T....	PLDEAL	455
NTDB id 329 STU RS10020 WP 011225298.1	NGLRSSYEDYHRVTI	TDAAVETAVKAAHRY	LTSKNLPDSAIDLLDE	ASATVQVR	IKK..EDKRE	I....T....	PLDEAL	455
consensus	!* *!!!!*!	*! !****!	** !!* *	!!!!*!!!!*!!!!*	*** **	*	** * *	!


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