

logo

NTDB id 183420 LLJM4 RS09650 WP 134047256.1	MLCQNCNINEA.....	11
NTDB id 601 KW2 RS02615 WP 021036805.1	MLCQNCNINEA.....	11
NTDB id 378 SMU RS02690 WP 002263569.1	MLCQNCNINEA.....	11
NTDB id 281 KZH43 RS03550 WP 000882517.1	MLCQNCNINEA.....	11
NTDB id 245 SPD RS03860 WP 000882517.1	MLCQNCNINEA.....	11
NTDB id 243 SPR RS03635 WP 000882517.1	MLCQNCNINEA.....	11
NTDB id 241 SP RS04015 WP 000882523.1	MLCQNCNINEA.....	11
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGGTAAKALQALGLGSEKIQKEVESLIG.....R	70
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYTPTLDRILEKAEEYAHQYQYGTIESAHLAAMATTSGSTIAYSLLAGMNVDSDDLIDL.....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	MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAILAIGKKPKSSS	76
NTDB id 297 STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLEAERFESPFLWTWVLLAMVEVTGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLS	76
NTDB id 329 STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFLWTWVLLAMVEVTGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLS	76
consensus	MLCQNCNINEA.....	

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NTDB id 183420 LLJM4 RS09650 WP 134047256.1	...TIHLYTSVNGQKKQIDLCQNCYQ...IMKSGGQALFGAGNASNGNSDEP.....FNP.FNDIFSALQGG	72
NTDB id 601 KW2 RS02615 WP 021036805.1	...TIHLYTSVNGQKKQIDLCQNCYQ...IMKSGGQALFGAGNASNGNSDEP.....FNP.FNDIFSALQGG	72
NTDB id 378 SMU RS02690 WP 002263569.1	...TIHLYANVNGQKKQIDLCQNCYQ...IMKTDPENGPLNHLISQNSSS.....INPFDDDFGDLNNF	70
NTDB id 281 KZH43 RS03550 WP 000882517.1	...TIHLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNNRD.....FDP.FGDDFFNDLNNF	69
NTDB id 245 SPD RS03860 WP 000882517.1	...TIHLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNNRD.....FDP.FGDDFFNDLNNF	69
NTDB id 243 SPR RS03635 WP 000882517.1	...TIHLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNNRD.....FDP.FGDDFFNDLNNF	69
NTDB id 241 SP RS04015 WP 000882523.1	...TIHLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNNRD.....FDP.FGDDFFNDLNNF	69
NTDB id 85 BSU 00860 NP 387967.1	GQEMSQTIHYTPRAKKVIELSMDEARKLGHSYVGTETILLGLIREGEGVAARVLNNLGVSLNKAQQVLQL.....	141
NTDB id 610 V4T04 RS10165 WP 012897346.1	VKVKRSTLRFSPRAEEVMTAASFLAIHNNSEAVGTEHLLYALLQVEDGFGLQLLKL.....QKINIVSLRKELEKR	143
NTDB id 290 KZH43 RS10025 WP 001109677.1	QDETTFTELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 289 SPD RS10700 WP 001109677.1	QDETTFTELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 287 SP RS11210 WP 001109712.1	QDETTFTELPFSRRLQVLFDEAEYVASVVHAKVLGTEHVLYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 377 SMU RS09275 WP 002262344.1	N..DIMLLEQSHALKRTLAEEAAISQVTHAKEVGTETVLFAMLLNPNLLATRILELVGFHAKDDGESIRLLDLRKVIERY	154
NTDB id 297 STER RS00545 WP 011680614.1	ESDIIDLRAQSPALEAMLQEAQEIASVTGAVEVGESEHVLMAFLLHKDLMVCRLLEVAGFQYKDDSDKPRIIDLRSLERN	156
NTDB id 329 STU RS10020 WP 011225298.1	ESDIIDLRAQSPALEAMLQEAQGIASVTGAVEVGESEHVLMAFLLHKDLMVCRLLEVAGFQYKDDSDKPRIIDLRSLERN	156
consensus	...TIHLYTSVNGQKKQIDLCQNCYQ...IMKSGGQALFGAGNASNGNSDEP.....FNP.FNDIFSALQGG	

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consensus

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consensus

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NTDB id 183420 LLJM4 RS09650 WP 134047256.1	DVIMFIDEIHEIVGAGSAGDGNMDAGNILKPALARGEELQLVGATTLNNEYR.IIEKDAALERRMQPVKVDEPSVDETITIL	295
NTDB id 601 KW2 RS02615 WP 021036805.1	DVIMFIDEIHEIVGAGSAGDGNMDAGNILKPALARGEELQLVGATTLNNEYR.IIEKDAALERRMQPVKVDEPSVDETITIL	295
NTDB id 378 SMU RS02690 WP 002263569.1	DVILFIDEIHEIVGAGSAGDGNMDAGNILKPALARGEELQLVGATTLNNEYR.IIEKDAALERRMQPVKVDEPSVAETITIL	302
NTDB id 281 KZH43 RS03550 WP 000882517.1	DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGEELQLVGATTLNNEYR.IIEKDAALERRMQPVKVDEPTVDETITIL	301
NTDB id 245 SPD RS03860 WP 000882517.1	DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGEELQLVGATTLNNEYR.IIEKDAALERRMQPVKVDEPTVDETITIL	301
NTDB id 243 SPR RS03635 WP 000882517.1	DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGEELQLVGATTLNNEYR.IIEKDAALERRMQPVKVDEPTVDETITIL	301
NTDB id 241 SP RS04015 WP 000882523.1	DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGEELQLVGATTLNNEYR.IIEKDAALERRMQPVKVDEPTVDETITIL	301
NTDB id 85 BSU 00860 NP 387967.1	NIILFIDELHTLIGAGG.AEGAIDASNILKPSLARGEIQCIGATTLDEYRKYIEKDAALERRFQPIQVDPQSPVDESIIQIL	351
NTDB id 610 V4T04 RS10165 WP 012897346.1	DVIIFIDELHTIIGAGGCMDSVNDAAANILKPALARGDFQMVGATTYHEYQKYIEKDEALERRRLARINVDPESPDEAIIAIL	365
NTDB id 290 KZH43 RS10025 WP 001109677.1	QVILFIDELHTIMGSGSGIDSTLDAANILKPALARGTLRTVGATTQEEYQKHIEKDAALSRRFAKVTIEEPSVADSMTIL	378
NTDB id 289 SPD RS10700 WP 001109677.1	QVILFIDELHTIMGSGSGIDSTLDAANILKPALARGTLRTVGATTQEEYQKHIEKDAALSRRFAKVTIEEPSVADSMTIL	378
NTDB id 287 SP RS11210 WP 001109712.1	QVILFIDELHTIMGSGSGIDSTLDAANILKPALARGTLRTVGATTQEEYQKHIEKDAALSRRFAKVTIEEPSVADSMTIL	378
NTDB id 377 SMU RS09275 WP 002262344.1	HIVLFIDELHTIMGSGSGIDSTLDAANILKPALARGSLRTIGATTQEEYQKHIEKDAALSRRFAKVTIEEPSEEEAYQIL	382
NTDB id 297 STER RS00545 WP 011680614.1	KIILFIDELHTIIGSGSGIDSTLDAANILKPALARGTLHMVGATTQAHEYQKHIEKDAALSRRFAKITIEEPSVSEATDIL	385
NTDB id 329 STU RS10020 WP 011225298.1	KIILFIDELHTIIGSGSGIDSTLDAANILKPALARGTLHMVGATTQAHEYQKHIEKDAALSRRFAKITIEEPSVSEATDIL	385
consensus	***!!!!!!*! **!*!*** * *!!!!!!*!!!!!!*!!!!!!*!! !!!!!!*!!!!!! * ****!*****!!	

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NTDB id 183420 LLJM4 RS09650 WP 134047256.1	RGIQARYEDYHHVKYTDEAIEAAAHLSNRYIQDRFLPDKAIDLLDESGSKKNLTILKF..VDPEDINRRIADAESKKNEAT	373
NTDB id 601 KW2 RS02615 WP 021036805.1	RGIQARYEDYHHVKYTDEAIEAAAHLSNRYIQDRFLPDKAIDLLDESGSKKNLTILKF..VDPEDINRRIADAENKKNEAT	373
NTDB id 378 SMU RS02690 WP 002263569.1	KGIQPKYEDYHHVKYTDEAIEAAANLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF..VDPKEIDHRLIEAENLKAQAT	380
NTDB id 281 KZH43 RS03550 WP 000882517.1	KGIQKKYEDYHHVQYTDAIEAAATLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF..VDPKVIDQRLIEAENLKSQAT	379
NTDB id 245 SPD RS03860 WP 000882517.1	KGIQKKYEDYHHVQYTDAIEAAATLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF..VDPKVIDQRLIEAENLKSQAT	379
NTDB id 243 SPR RS03635 WP 000882517.1	KGIQKKYEDYHHVQYTDAIEAAATLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF..VDPKVIDQRLIEAENLKSQAT	379
NTDB id 241 SP RS04015 WP 000882523.1	KGIQKKYEDYHHVQYTDAIEAAATLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF..VDPKVIDQRLIEAENLKSQAT	379
NTDB id 85 BSU 00860 NP 387967.1	QGLRDRIEAAHRSITDDAIEAAVKLSDRYISDRFLPDKAIDLIDEAGSKVRLRSFTTPNKLKELEQKLDEVRKEKDAAV	431
NTDB id 610 V4T04 RS10165 WP 012897346.1	QGLREKFEDYHQVKFTDQAIKSAVMLSVRYMTSRKLDPKAIDLLDEAAAARKISVKNQQTQRLLDEKELAEAEQEELSEAV	445
NTDB id 290 KZH43 RS10025 WP 001109677.1	QGLKATYEKHHRVQITDEAVETAVKMAHRYLTSRHLPDSAIDLLDEAAATVQNKAKHVKAADSDS.....S.....PADKAL	450
NTDB id 289 SPD RS10700 WP 001109677.1	QGLKATYEKHHRVQITDEAVETAVKMAHRYLTSRHLPDSAIDLLDEAAATVQNKAKHVKAADSDS.....S.....PADKAL	450
NTDB id 287 SP RS11210 WP 001109712.1	QGLKATYEKHHRVQITDEAVETAVKMAHRYLTSRHLPDSAIDLLDEAAATVQNKAKHVKAADSDS.....S.....PADKAL	450
NTDB id 377 SMU RS09275 WP 002262344.1	LGLKKSJETYYHHVII SDAAVMAAVKGAHRYLSGNLPSAIDLLDEASATVQGLVKK..KAPAYL....T....DLDEAL	452
NTDB id 297 STER RS00545 WP 011680614.1	NGLRSSYEDYHRVTITDAAVETAVKAAHRYLTSKNLPDSAIDLLDEASATVQVRIRKK..EDKREI....T....PLDEAL	455
NTDB id 329 STU RS10020 WP 011225298.1	NGLRSSYEDYHRVTITDAAVETAVKAAHRYLTSKNLPDSAIDLLDEASATVQVRIRKK..EAKREI....T....PLDEAL	455
consensus	!* **!*!!! ! *! !***! ** !!* * !!!*!!!!*!!!!* *** ** * ** * * *	!


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consensus

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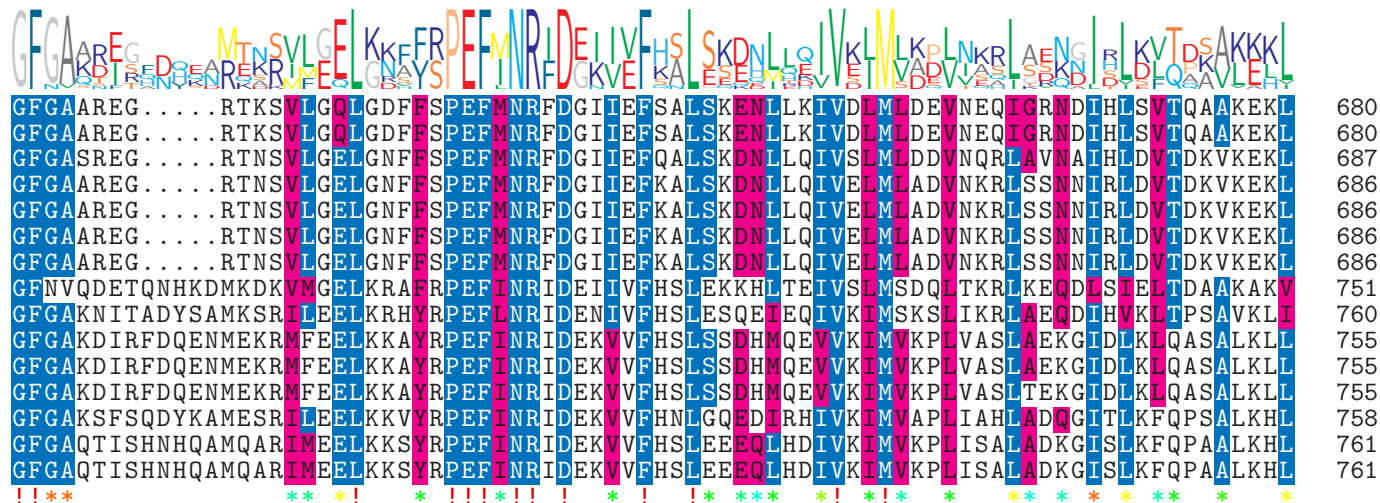
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consensus

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NTDB id 329 STU RS10020 WP 011225298.1
consensus

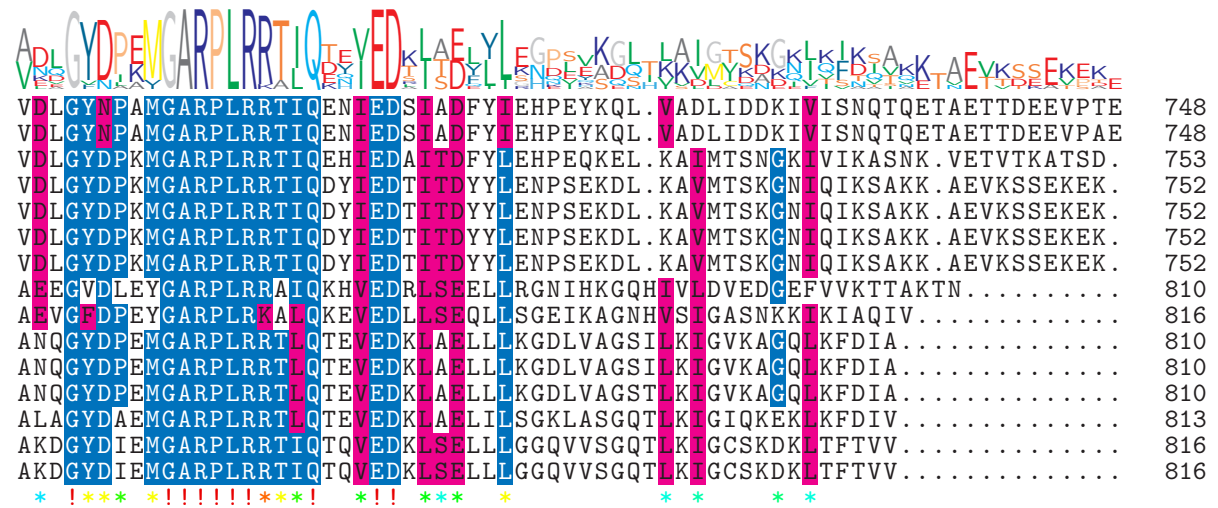
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NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus

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	non conserved
	similar
	$\geq 50\%$ conserved