

logo

NTDB id 601 KW2 RS02615 WP 021036805.1	MTCQNCMINEAT.....	12
NTDB id 997041 ABC803 RS04395 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	**.....*	

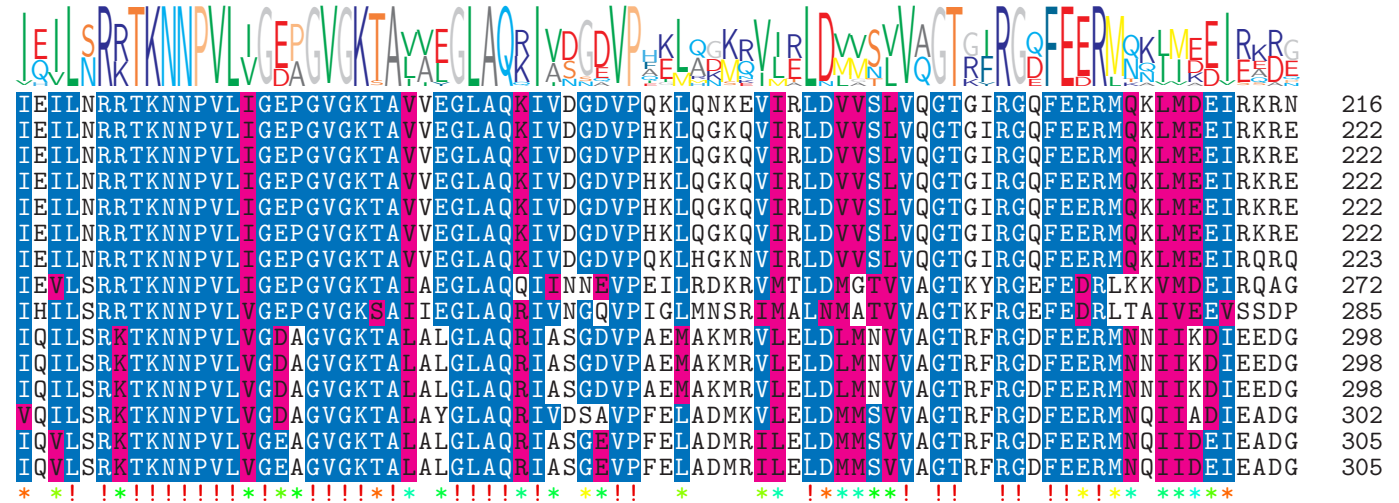
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NTDB id 601 KW2 RS02615 WP 021036805.1	IHL YTSVNCQKQIDLCQNCYQI...MKSQGGEALFGAGNASMGNSDE.....PFNP.FNDIFSAIQQG.	71
NTDB id 997041 ABC803 RS04395 WP 000882517.1	IHL YTNLNGKQKQIDLCQNCYKI...IKTDPNNSLFKGMTDLNNRD.....FDP.FGDFFNDLNNF	69
NTDB id 281 KZH43 RS03550 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	QDETFTTELPFSRRLQVLFDEAEYVASV VHAKVLCTEHLVYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 290 KZH43 RS10025 WP 001109677.1	QDETFTTELPFSRRLQILFDEAEYVASV VHAKVLCTEHLVYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 289 SPD RS10700 WP 001109677.1	QDETFTTELPFSRRLQILFDEAEYVASV VHAKVLCTEHLVYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 377 SMU RS09275 WP 002262344.1	N..DITMLEQSHALKHTLAEEAAISQVTHAKEVCTEHLVLFAMLLNPNLLATRILELVGFHAKDDGESIRLLDLRKVTERY	154
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 378 SMU RS02690 WP 002263569.1
NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
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 281 KZH43 RS03550 WP 000882517.1	DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGE	LQIVGATTLNEYR	IEKDAALERRMQPVK	VDEPTVDE	ITITIL	301		
NTDB id 245 SPD RS03860 WP 000882517.1	DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGE	LQIVGATTLNEYR	IEKDAALERRMQPVK	VDEPTVDE	ITITIL	301		
NTDB id 243 SPR RS03635 WP 000882517.1	DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGE	LQIVGATTLNEYR	IEKDAALERRMQPVK	VDEPTVDE	ITITIL	301		
NTDB id 241 SP RS04015 WP 000882523.1	DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGE	LQIVGATTLNEYR	IEKDAALERRMQPVK	VDEPTVDE	ITITIL	301		
NTDB id 378 SMU RS02690 WP 002263569.1	DVILFIDEIHEIVGAGSAGDGNMDAGNILKPALARGE	LQIVGATTLNEYR	IEKDAALERRMQPVK	VDEPSVAE	ITITIL	302		
NTDB id 85 BSU 00860 NP 387967.1	NIILFIDELHTLIGAGG	AFGATDASNILKPS	LARGE	LQIVGATTLDEYRKY	IEKDAALERRFQPIQV	QPSVDES	IQIL	351
NTDB id 610 V4T04 RS10165 WP 012897346.1	DVILFIDELHTLIGAGG	MDSVMDAANILKPALARGE	LQIVGATTYHEYQKY	IEKDEALERRLAR	IN	VDEPSVDE	EAITIL	365
NTDB id 287 SP RS11210 WP 001109712.1	QVILFIDELHTIMSGSG	IDSTLDAANILKPALARGE	TLRTVGATTQEYQKH	IEKDAALSRRFAKVT	IEEPSVAD	SM	ITIL	378
NTDB id 290 KZH43 RS10025 WP 001109677.1	QVILFIDELHTIMSGSG	IDSTLDAANILKPALARGE	TLRTVGATTQEYQKH	IEKDAALSRRFAKVT	IEEPSVAD	SM	ITIL	378
NTDB id 289 SPD RS10700 WP 001109677.1	QVILFIDELHTIMSGSG	IDSTLDAANILKPALARGE	TLRTVGATTQEYQKH	IEKDAALSRRFAKVT	IEEPSVAD	SM	ITIL	378
NTDB id 377 SMU RS09275 WP 002262344.1	HIILFIDELHTIMSGSG	IDSTLDAANILKPALARGE	SLRTVGATTQEYQKH	IEKDAALSRRFAKVT	IEEPSVEEAYQ	IL		382
NTDB id 297 STER RS00545 WP 011680614.1	KIILFIDELHTIIGSG	IDSTLDAANILKPALARGE	TLHMVGATTQAEYQKH	IEKDAALSRRFAKIT	IEEPSVSEAD	IL		385
NTDB id 329 STU RS10020 WP 011225298.1	KIILFIDELHTIIGSG	IDSTLDAANILKPALARGE	TLHMVGATTQAEYQKH	IEKDAALSRRFAKIT	IEEPSVSEAD	IL		385
consensus	***!!!!*!	***!*** *	* !*!!!!!!*!!!!	*****!!!!	!!	!!!!*!!*!!	* ***!*****!!	

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NTDB id 601 KW2 RS02615 WP 021036805.1	RGIQAR	YEDYHHVQY	TDAAEAAAHLSNRY	IQDRFLPDKAIDLLDE	SGSKKNITLKF	..VDPED	INRRITAD	ENKKN	EA	AT	373
NTDB id 997041 ABC803 RS04395 WP 000882517.1	KGIQKKY	YEDYHHVQY	TDAAEAAATLSNRY	IQDRFLPDKAIDLLDE	AGSKMNLTLNF	..VDPK	VIDQRLIE	ENLKS	QA	AT	379
NTDB id 281 KZH43 RS03550 WP 000882517.1	KGIQKKY	YEDYHHVQY	TDAAEAAATLSNRY	IQDRFLPDKAIDLLDE	AGSKMNLTLNF	..VDPK	VIDQRLIE	ENLKS	QA	AT	379
NTDB id 245 SPD RS03860 WP 000882517.1	KGIQKKY	YEDYHHVQY	TDAAEAAATLSNRY	IQDRFLPDKAIDLLDE	AGSKMNLTLNF	..VDPK	VIDQRLIE	ENLKS	QA	AT	379
NTDB id 243 SPR RS03635 WP 000882517.1	KGIQKKY	YEDYHHVQY	TDAAEAAATLSNRY	IQDRFLPDKAIDLLDE	AGSKMNLTLNF	..VDPK	VIDQRLIE	ENLKS	QA	AT	379
NTDB id 241 SP RS04015 WP 000882523.1	KGIQKKY	YEDYHHVQY	TDAAEAAATLSNRY	IQDRFLPDKAIDLLDE	AGSKMNLTLNF	..VDPK	VIDQRLIE	ENLKS	QA	AT	379
NTDB id 378 SMU RS02690 WP 002263569.1	KGIQPKY	YEDYHHVQY	TDAAEAAANLSNRY	IQDRFLPDKAIDLLDE	AGSKMNLTLNF	..VDPK	ETHRLIE	ENLKA	QA	AT	380
NTDB id 85 BSU 00860 NP 387967.1	QCLRD	RYEAHHRV	SITDDAEAAV	KLSDRYISDRFLPDKAIDLLDE	AGSKVRLRSFTTPPNL	KELEQKL	DEVRKE	KDA	AV		431
NTDB id 610 V4T04 RS10165 WP 012897346.1	QCLRE	KFEDYH	QVKFTDQA	IKSAVMLSVRYMTSRKLPDKAIDLLDE	AAAVKISVKN	QQT	KRLDIE	KE	AEAEQEEL	SEAV	445
NTDB id 287 SP RS11210 WP 001109712.1	QCLKATY	EKHHRV	QITDEAVETAVKMAHRYL	TSRHLPD	SAIDLLDEAAATVQ	NKAKHV	KADDS	DL	S....	PADKAL	450
NTDB id 290 KZH43 RS10025 WP 001109677.1	QCLKATY	EKHHRV	QITDEAVETAVKMAHRYL	TSRHLPD	SAIDLLDEAAATVQ	NKAKHV	KADDS	DL	S....	PADKAL	450
NTDB id 289 SPD RS10700 WP 001109677.1	QCLKATY	EKHHRV	QITDEAVETAVKMAHRYL	TSRHLPD	SAIDLLDEAAATVQ	NKAKHV	KADDS	DL	S....	PADKAL	450
NTDB id 377 SMU RS09275 WP 002262344.1	LGLKKS	YETYHHV	IISDAAVMAAVKGAHRYL	SGKNLPD	SAIDLLDEASATVQ	GLVKK	..KAPAYL	T....	DL	DHAL	452
NTDB id 297 STER RS00545 WP 011680614.1	NGLRSSY	EDYHRVTITDAAVETAVKAAHRYL	TSKNLPD	SAIDLLDEASATVQ	VVR	IKK	..EDKREI	T....	PL	DEAL	455
NTDB id 329 STU RS10020 WP 011225298.1	NGLRSSY	EDYHRVTITDAAVETAVKAAHRYL	TSKNLPD	SAIDLLDEASATVQ	VVR	IKK	..EAKREI	T....	PL	DEAL	455
consensus	!* *	***!!! *	*! !***! ** !* *	* !!!!!*!!!!*!!*	*** *	*	*** *	* *		!	

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consensus

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consensus

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NTDB id 329 STU RS10020 WP 011225298.1
consensus

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NTDB id 601 KW2 RS02615 WP 021036805.1	VDLGYNPAMGARPLRRTIQENTEDSTADFYEHPEYKQ.LVADLIDDKIVISNQTQETAETTDDEEVPÆ	748
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NTDB id 245 SPD RS03860 WP 000882517.1	VDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKD.LKAVMTSKGNIQIKSAKKA.EVKSSEKEK.	752
NTDB id 243 SPR RS03635 WP 000882517.1	VDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKD.LKAVMTSKGNIQIKSAKKA.EVKSSEKEK.	752
NTDB id 241 SP RS04015 WP 000882523.1	VDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKD.LKAVMTSKGNIQIKSAKKA.EVKSSEKEK.	752
NTDB id 378 SMU RS02690 WP 002263569.1	VDLGYDPKMGARPLRRTIQEHTEDAITDFYLEHPEQKE.LKAIMTSNCKIVIKASNKV.ETVTKATSD.	753
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NTDB id 610 V4T04 RS10165 WP 012897346.1	AEVCFDPEYGARPLRKALQKEVEDLLSEQLLSGEIKAGNHVSTIGASNNKKIKIAQIV.....	816
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NTDB id 290 KZH43 RS10025 WP 001109677.1	ANQGYDPEMGARPLRRTIQTEVEDKLAELLKGD LVAGSTLKI GVKACQLKFDIA.....	810
NTDB id 289 SPD RS10700 WP 001109677.1	ANQGYDPEMGARPLRRTIQTEVEDKLAELLKGD LVAGSTLKI GVKACQLKFDIA.....	810
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NTDB id 329 STU RS10020 WP 011225298.1	AKDGYDIEMGARPLRRTIQTQVEDKLSELLLGQVVSQGTLKIGCSKDKLTFTVV.....	816
consensus	* !*** *!!!!!!***! *!! *** *	

- non conserved
- similar
- ≥ 50% conserved