

logo

NTDB id 601 KW2 RS02615 WP 021036805.1	MTCQNCMINEAT.....	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 1137259 DQL03 RS05910 WP 002983882.1	MTCQNCNINEST.....	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 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	...MTIYSRKMQAIFHRAQLEAERFESPFLLETWHVLLAMVEVTGSVAYLTFDTDFEDRIHSEEIETA AVLAMEKRPKDLS	76
NTDB id 329 STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFLLETWHVLLAMVEVPGSVAYLTFDTDFEDRIHSEEIETA AVLAMEKRPKDLS	76
consensus	**.....*	

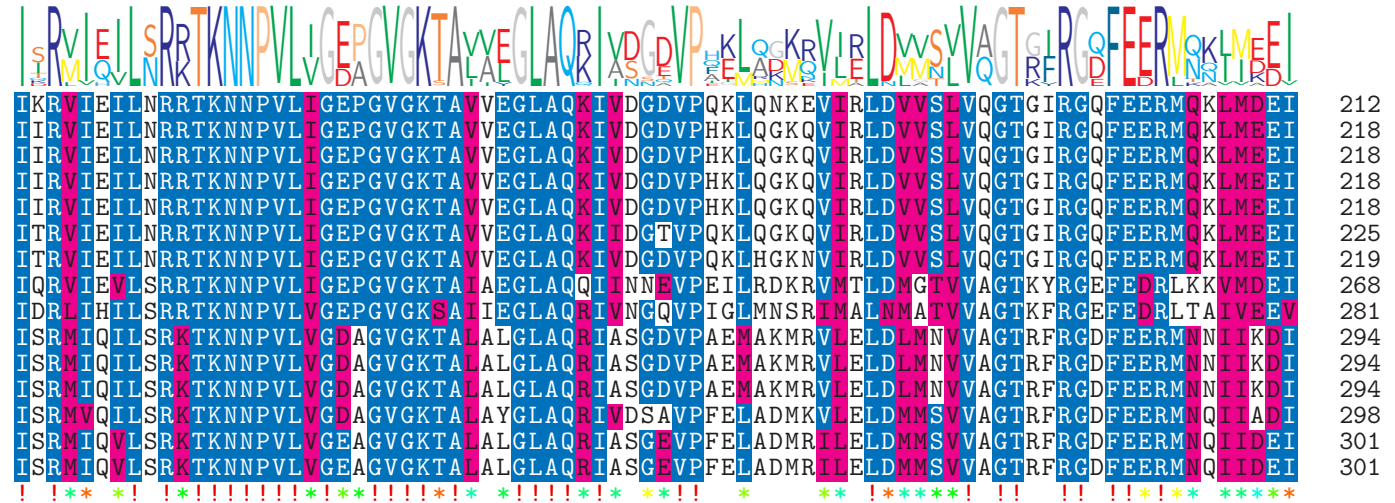
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NTDB id 601 KW2 RS02615 WP 021036805.1	IHL YTSVNGQKQIDLCQNCYQI...MKSQGTEALFGAGNASMGNS.....DEPFN.PFNDIFSATQQGQ	72
NTDB id 281 KZH43 RS03550 WP 000882517.1	IHL YTNLNGKQKQIDLCQNCYKI...IKTDPNNSLFKGMTDLN.....NRDF.DPFGDFFNDLNNF	69
NTDB id 245 SPD RS03860 WP 000882517.1	IHL YTNLNGKQKQIDLCQNCYKI...IKTDPNNSLFKGMTDLN.....NRDF.DPFGDFFNDLNNF	69
NTDB id 243 SPR RS03635 WP 000882517.1	IHL YTNLNGKQKQIDLCQNCYKI...IKTDPNNSLFKGMTDLN.....NRDF.DPFGDFFNDLNNF	69
NTDB id 241 SP RS04015 WP 000882523.1	IHL YTNLNGKQKQIDLCQNCYKI...IKTDPNNSLFKGMTDLN.....NRDF.DPFGDFFNDLNNF	69
NTDB id 1137259 DQL03 RS05910 WP 002983882.1	IHL YTSVNGKQKQVQIDLCQNCYQI...MKSDPANSTLNLGTPGYRAQ.....DRSTSPFFDDFFGD LNNF	73
NTDB id 378 SMU RS02690 WP 002263569.1	IHL YANVNGQKQKQIDLCQNCYQI...MKTDPENGPLNHLSSQQ...N.....SSSINPFFDDFFGD LNNF	70
NTDB id 85 BSU 00860 NP 387967.1	GQEMSQTIHYTPRAKKVIELSMDEARKLGHSYVCTEHLILGLIREGEGVAARVLNNLGVSLNKARQQVLQL.....	141
NTDB id 610 V4T04 RS10165 WP 012897346.1	VKVKRSTLRFSPRAEVEVMTAASFLAIHNNSEAVCTEHLILYALLQVEDGFGQLQLLKL.....QKINIVSLRKETEKR	143
NTDB id 290 KZH43 RS10025 WP 001109677.1	QDETFTELPFSSRRLQILFDEAEYVASV VHAKVLCTEHLVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 289 SPD RS10700 WP 001109677.1	QDETFTELPFSSRRLQILFDEAEYVASV VHAKVLCTEHLVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 287 SP RS11210 WP 001109712.1	QDETFTELPFSSRRLQVLFDEAEYVASV VHAKVLCTEHLVLYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
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NTDB id 297 STER RS00545 WP 011680614.1	ESDIIDLRAQSPALEAMLQEAQEIASVTGAVEVGESEHVLMAFILHKLDMVCRLLLEVAGFQYKDDSDKPRIIDLRRSLERN	156
NTDB id 329 STU RS10020 WP 011225298.1	ESDIIDLRAQSPALEAMLQEAQGIASVTGAVEVGESEHVLMAFILHKLDMVCRLLLEVAGFQYKDDSDKPRIIDLRRSLERN	156
consensus	* * * * * * * * * * * *	

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NTDB id 601 KW2 RS02615 WP 021036805.1
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NTDB id 245 SPD RS03860 WP 000882517.1
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NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
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
consensus

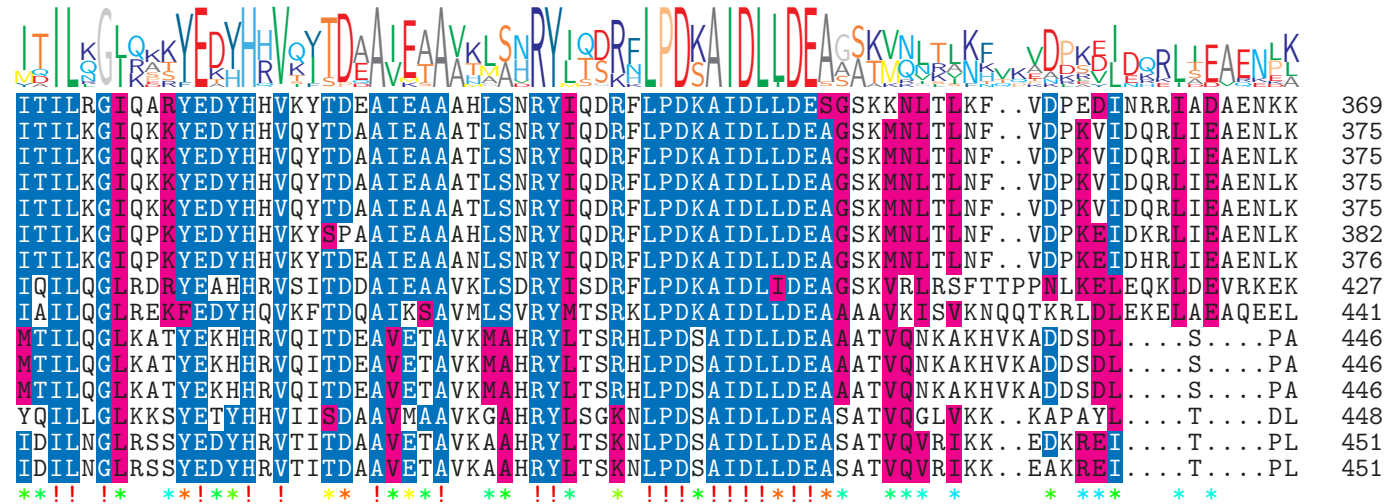
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NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus

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NTDB	id	601	KW2	RS02615	WP	021036805.1	NEATKAEDFEKAAHFRDQISKLRELQK.....QEVTDEDMPVITEKDTEQIVEEQTKTPVGDLEKEEQTQLINLADDLK	443
NTDB	id	281	KZH43	RS03550	WP	000882517.1	SQATREEDFEKAAAYFRDQIAKYKEMQK.....KKITDQDTPPIISEKTIEHIIIEQKTNIPVGDLKEKEQSQLIHLAEDLK	449
NTDB	id	245	SPD	RS03860	WP	000882517.1	SQATREEDFEKAAAYFRDQIAKYKEMQK.....KKITDQDTPPIISEKTIEHIIIEQKTNIPVGDLKEKEQSQLIHLAEDLK	449
NTDB	id	243	SPR	RS03635	WP	000882517.1	SQATREEDFEKAAAYFRDQIAKYKEMQK.....KKITDQDTPPIISEKTIEHIIIEQKTNIPVGDLKEKEQSQLIHLAEDLK	449
NTDB	id	241	SP	RS04015	WP	000882523.1	SQATREEDFEKAAAYFRDQIAKYKEMQK.....KKITDQDTPSISEKTIEHIIIEQKTNIPVGDLKEKEQSQLIHLAEDLK	449
NTDB	id	1137259	DQL03	RS05910	WP	002983882.1	AQATRDEDYERAAAYFRDQITYKEMQA.....QKVDEQDIPITITEKTIEAIVEEQKTNIPVGDLKEKEQSQVLNLANDLK	456
NTDB	id	378	SMU	RS02690	WP	002263569.1	AQATRDEDYEKAAAYFRDQIAKYKEMQS.....AKLDKENTPVITEKNIEVIVEEQKTNIPVGELKEKEQSQLIHLADDLK	450
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NTDB	id	610	V4T04	RS10165	WP	012897346.1	SEAVIKLDIKASRTKEKAVEKAIADKIYKFS....VKEDKRQEVTDQAVAVASTLTGVPITQMTKSESDDLINLEKELH	516
NTDB	id	290	KZH43	RS10025	WP	001109677.1	DKALMDGKWKQAAQLIAKEE.....E....VPV.YKDLVTESDILTTL SRLSGIPVQKLTQTD AKKYLNLEAEHL	511
NTDB	id	289	SPD	RS10700	WP	001109677.1	DKALMDGKWKQAAQLIAKEE.....E....VPV.YKDLVTESDILTTL SRLSGIPVQKLTQTD AKKYLNLEAEHL	511
NTDB	id	287	SP	RS11210	WP	001109712.1	DKALMDGKWKQAAQLIAKEE.....E....VPV.YKDLVTESDILTTL SRLSGIPVQKLTQTD AKKYLNLEAEHL	511
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consensus							! * * * * *	!

[illegible]

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NTDB id 245 SPD RS03860 WP 000882517.1	KEKLVLDLGYDPKMGARPLRRTIQDYIEDTTIDYYLENPSEKDLKAVMTSKCNIIQIKSAKKAIEVKSSEKEK	752
NTDB id 243 SPR RS03635 WP 000882517.1	KEKLVLDLGYDPKMGARPLRRTIQDYIEDTTIDYYLENPSEKDLKAVMTSKCNIIQIKSAKKAIEVKSSEKEK	752
NTDB id 241 SP RS04015 WP 000882523.1	KEKLVLDLGYDPKMGARPLRRTIQDYIEDTTIDYYLENPSEKDLKAVMTSKCNIIQIKSAKKAIEVKSSEKEK	752
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NTDB id 378 SMU RS02690 WP 002263569.1	KEKLVLDLGYDPKMGARPLRRTIQEHTIEDAITDFYLEHPEQKELKAIMTSNCKIVIKASNKVETVTKATSD	753
NTDB id 85 BSU 00860 NP 387967.1	KAKVAEEGVLDLEYGARPLRRRIQKHVEDRLSEELLRGNIHKGQHVLVDVEDGEFVVVKTAKTN	810
NTDB id 610 V4T04 RS10165 WP 012897346.1	VKLIAEVCFDPEYGARPLRKALQKEVEDLLSEQLLSGEIKAGNHVSTIGASNKKIKIAQIV	816
NTDB id 290 KZH43 RS10025 WP 001109677.1	LKLLANQGYDPEMGARPLRRTIQTEVEDKLAELLKKGDLVAGSILKIGVKACQLKFDIA	810
NTDB id 289 SPD RS10700 WP 001109677.1	LKLLANQGYDPEMGARPLRRTIQTEVEDKLAELLKKGDLVAGSILKIGVKACQLKFDIA	810
NTDB id 287 SP RS11210 WP 001109712.1	LKLLANQGYDPEMGARPLRRTIQTEVEDKLAELLKKGDLVAGSTLKIGVKACQLKFDIA	810
NTDB id 377 SMU RS09275 WP 002262344.1	LKHLALAGYDAEMGARPLRRTIQTEVEDKLAELLSGKLASGQTLKIGIQKEKLKFDIV	813
NTDB id 297 STER RS00545 WP 011680614.1	LKHLAKDGYDIEMGARPLRRTIQTQVEDKLSELLLGGQVVSGQTLKIGCSKDKLTFTVV	816
NTDB id 329 STU RS10020 WP 011225298.1	LKHLAKDGYDIEMGARPLRRTIQTQVEDKLSELLLGGQVVSGQTLKIGCSKDKLTFTVV	816
consensus	* * !*** *!!!!!!***! *!! *** *	

- non conserved
- similar
- ≥ 50% conserved