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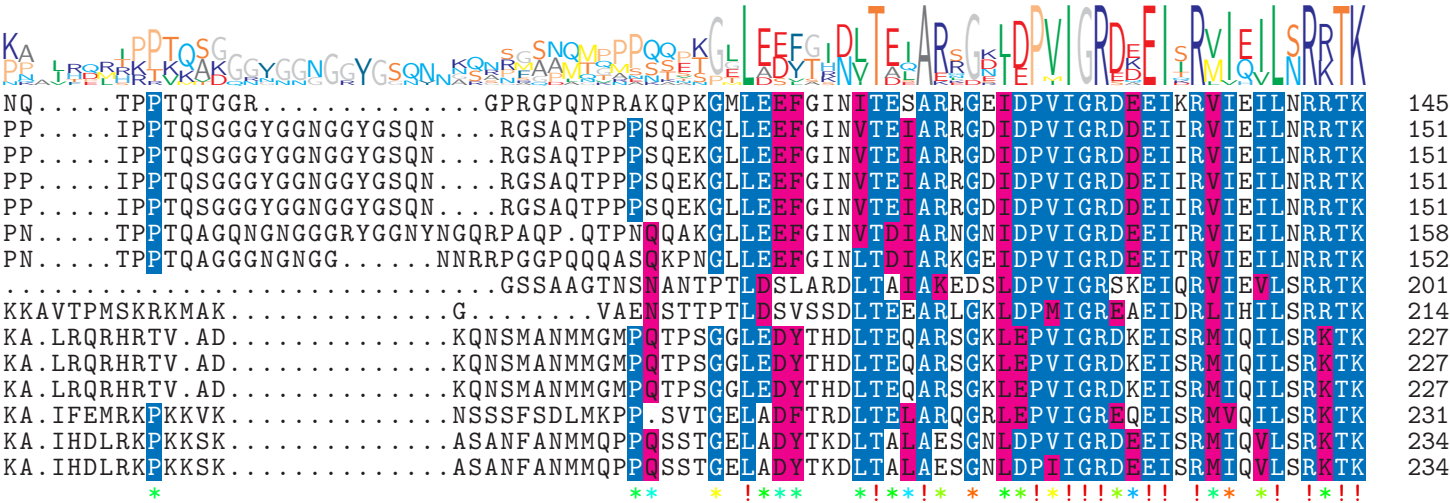
NTDB id 601 KW2 RS02615 WP 021036805.1	M CQNCNINEAT.....I	13
NTDB id 281 KZH43 RS03550 WP 000882517.1	M CQNCNINDST.....I	13
NTDB id 245 SPD RS03860 WP 000882517.1	M CQNCNINDST.....I	13
NTDB id 243 SPR RS03635 WP 000882517.1	M CQNCNINDST.....I	13
NTDB id 241 SP RS04015 WP 000882523.1	M CQNCNINDST.....I	13
NTDB id 27858 SPYM RS03260 WP 011888739.1	M CQNCNINEAT.....I	13
NTDB id 378 SMU RS02690 WP 002263569.1	M CQNCNINEAT.....I	13
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTEAQQVLALAQEEALRLGHNNIGTEHILLGLVREGEGIAAKALQALGLGSEKIQKEVESLIG.....RGQEMS	75
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYPTLDRILEKAEEYAHQYQYGTIESAHLAAATTSGSLAYSLLAGMNVDSDDLIDL.....EDLSSHVKVKR	77
NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 377 SMU RS09275 WP 002262344.1	...MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFADVRVFEDYQAAAILAIGKKPKSSSN..DI	79
NTDB id 297 STER RS00545 WP 011680614.1	...MTIYSRKMQAIFHRAQLEAERFESPFLFETWHVLLAMVEVTGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLSES	81
NTDB id 329 STU RS10020 WP 011225298.1	...MTIYSRKMQAIFHRAQLEAERFESPFLFETWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLSES	81
consensus	* * * * *	

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NTDB id 601 KW2 RS02615 WP 021036805.1	HLYTSVNGKQKQIDLC.....QNCYQITKSGG..QEAIFGAGNA.SNGNSDEFPNPFNDIFSALQGGQ.DFNGAAS	79
NTDB id 281 KZH43 RS03550 WP 000882517.1	HLYTNLNGKQKQIDLC.....QNCYKITKTD..NNSLFKGMTDL..NNRD.FDPFGDFFNDLNNFRPSSN..T	75
NTDB id 245 SPD RS03860 WP 000882517.1	HLYTNLNGKQKQIDLC.....QNCYKITKTD..NNSLFKGMTDL..NNRD.FDPFGDFFNDLNNFRPSSN..T	75
NTDB id 243 SPR RS03635 WP 000882517.1	HLYTNLNGKQKQIDLC.....QNCYKITKTD..NNSLFKGMTDL..NNRD.FDPFGDFFNDLNNFRPSSN..T	75
NTDB id 241 SP RS04015 WP 000882523.1	HLYTNLNGKQKQIDLC.....QNCYKITKTD..NNSLFKGMTDL..NNRD.FDPFGDFFNDLNNFRPSSN..T	75
NTDB id 27858 SPYM RS03260 WP 011888739.1	HLYTSVNGKQKQIDLC.....QNCYQITKSNP..ANSITNGLTPGYRAQDRSTSPFFDDFFGD LNNFRAFGN..L	79
NTDB id 378 SMU RS02690 WP 002263569.1	HLYANVNGKQKQIDLC.....QNCYKITKTD..ENGPLNHL SQ...QNSSSINPFDDFFGD LNNFRAFNNQDL	78
NTDB id 85 BSU 00860 NP 387967.1	QTIHYTPRAKVIELSMDEARKLGHSYVGTEHILLGLIREGEGVAARVLNNL..GVSLNKARQQVLQL.....LCSNET..	147
NTDB id 610 V4T04 RS10165 WP 012897346.1	STLRFSPRAEVMTAASFLAIHNNSEAVGTEHLVALIQVEDGFGLQLKL.....QKINIVSLRKELEKRTGLKVPES	151
NTDB id 290 KZH43 RS10025 WP 001109677.1	TELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLVATLHDGNALATRLERA..GFSYEDKKDQVKIAALRRNLEERAGWTREDL	158
NTDB id 289 SPD RS10700 WP 001109677.1	TELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLVATLHDGNALATRLERA..GFSYEDKKDQVKIAALRRNLEERAGWTREDL	158
NTDB id 287 SP RS11210 WP 001109712.1	TELPFSRRLQVLFDEAEYVASVVHAKVLGTEHVLVATLHDSNALATRLERA..GFSYEDKKDQVKIAALRRNLEERAGWTREDL	158
NTDB id 377 SMU RS09275 WP 002262344.1	MLEQSHALKTLAEAAAISQVTHAKEVGTEHVLFAMLLNPNNLATRLLELV..GFHAKDDGESIRLLDLRKVTERYACFSKEDI	162
NTDB id 297 STER RS00545 WP 011680614.1	DRAQSPALFAMQEAQEIASVTGAVEVGSEHVLMAFLHKKDLMVCRLEVA..GFQYKDDSDKPRIIDLRRSLERNAGLSKQDL	164
NTDB id 329 STU RS10020 WP 011225298.1	DRAQSPALFAMQEAQGIASVTGAVEVGSEHVLMAFLHKKDLMVCRLEVA..GFQYKDDSDKPRIIDLRRSLERNAGLSKQDL	164
consensus	* * * * * * * * * *	

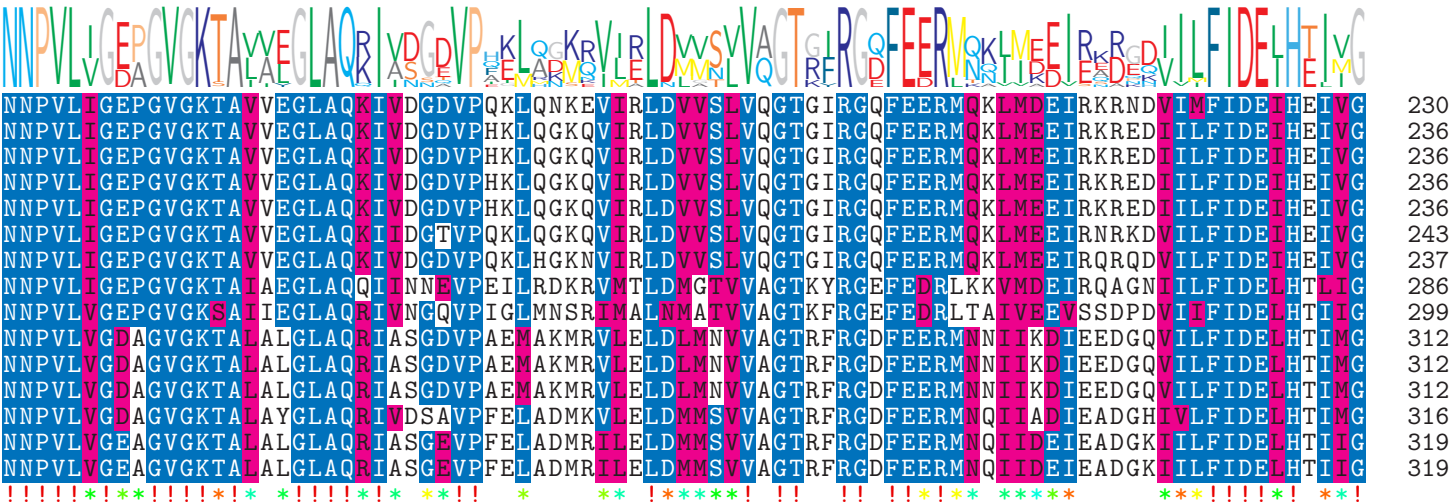
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NTDB id	27858	SPYM	RS03260	WP	011888739.1
NTDB id	378	SMU	RS02690	WP	002263569.1
NTDB id	85	BSU	00860	NP	387967.1
NTDB id	610	V4T04	RS10165	WP	012897346.1
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NTDB id	289	SPD	RS10700	WP	001109677.1
NTDB 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
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NTDB id 601 KW2 RS02615 WP 021036805.1	IDDKI	V	I	S	N	Q	T	Q	E	T	T	D	E	E	V	P	A	E		748			
NTDB id 281 KZH43 RS03550 WP 000882517.1	TSK	C	N	I	Q	I	K	S	A	K	K	A	E	V	K	S	S	E	K	E	K	..	752
NTDB id 245 SPD RS03860 WP 000882517.1	TSK	C	N	I	Q	I	K	S	A	K	K	A	E	V	K	S	S	E	K	E	K	..	752
NTDB id 243 SPR RS03635 WP 000882517.1	TSK	C	N	I	Q	I	K	S	A	K	K	A	E	V	K	S	S	E	K	E	K	..	752
NTDB id 241 SP RS04015 WP 000882523.1	TSK	C	N	I	Q	I	K	S	A	K	K	A	E	V	K	S	S	E	K	E	K	..	752
NTDB id 27858 SPYM RS03260 WP 011888739.1	TNSEN	I	T	I	K	A	V	K	E	G	D	S	F	L	N	E	E	S	L	.	D		760
NTDB id 378 SMU RS02690 WP 002263569.1	TSN	C	K	I	V	I	K	A	S	N	K	V	E	T	V	T	K	A	T	S	D	..	753
NTDB id 85 BSU 00860 NP 387967.1	VED	C	E	F	V	V	K	T	T	A	K	T	N	.	.	.	.	.	.	.	.	.	810
NTDB id 610 V4T04 RS10165 WP 012897346.1	ASN	K	K	I	K	I	A	Q	I	V	.	.	.	.	.	.	.	.	.	.	.	.	816
NTDB id 290 KZH43 RS10025 WP 001109677.1	VKA	C	Q	L	K	F	D	I	A	.	.	.	.	.	.	.	.	.	.	.	.	.	810
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NTDB id 287 SP RS11210 WP 001109712.1	VKA	C	Q	L	K	F	D	I	A	.	.	.	.	.	.	.	.	.	.	.	.	.	810
NTDB id 377 SMU RS09275 WP 002262344.1	IQKEK	I	K	F	D	I	V	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	813
NTDB id 297 STER RS00545 WP 011680614.1	CSKDK	L	T	F	T	V	V	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	816
NTDB id 329 STU RS10020 WP 011225298.1	CSKDK	L	T	F	T	V	V	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	816
consensus		*	*																				

-  non conserved
-  similar
-  ≥ 50% conserved