

NTDB id 85	BSU 00860 NP 387967.1	..MMFGRFTEAAQKVLAALAAEEALRLGHNNIGTEHLLGLVREGEGIAAKALQALGLGSEKIQKEVESLIGR.....GQEMS	75
NTDB id 610	V4T04 RS10165 WP 012897346.1	MKFENIKYIPTLDRILEKAEYEAHQVQYGTIESAHLLAAMATTSGSIAYSLLAGMNVDSDDLII.....DLEDLSSHVKVKR	77
NTDB id 287	SP RS11210 WP 001109712.1	MNYSKALNCEIESAYMVAGHFGARYLESWHLLTAMSNHSYSVAGATLNDYPYEMDRLEE.....VALELTETDYSQDET	75
NTDB id 290	KZH43 RS10025 WP 001109677.1	MNYSKALNCEIESAYMVAGHFGARYLESWHLLTAMSNHSYSVAGATLNDYPYEMDRLEE.....VALELTETDYSQDET	75
NTDB id 289	SPD RS10700 WP 001109677.1	MNYSKALNCEIESAYMVAGHFGARYLESWHLLTAMSNHSYSVAGATLNDYPYEMDRLEE.....VALELTETDYSQDET	75
NTDB id 329	STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFLETWHVLLAMVEVPGSVAYLTFDTFEDRIHSEEIETAAVLAMEKRPKDLSESDII	81
NTDB id 297	STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLEAERFESPFLETWHVLLAMVEVPGSVAYLTFDTFEDRIHSEEIETAAVLAMEKRPKDLSESDII	81
NTDB id 20372	SMA 2088 CCF03379.1	MSEYSIKMQEVFSVAQYQAARFESPYLESWHVLLAMVAIHDVAGLTFAEYQTKLAYEYEEAAAVALAIGKSPLT..DVIDRV	79
NTDB id 377	SMU RS09275 WP 002262344.1	MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSVAGLSFAEFEDVRFEDYQAAAILAIGKKPKS..SSNDI	79
consensus		*****Q*****!********************	

NTDB id 85 BSU 00860 NP 387967.1	QTTHYTPRAKKVIELSMDEARKLGHSYVGTEHLLGLIREGEGVAARVLNNLGVSLNKAQQVL..QL.....LGS.....	144
NTDB id 610 V4T04 RS10165 WP 012897346.1	STLRFSPPRAEEVMTAASF LAIHNNSEAVGTEDLYALLQVEDGFGLQLLKIQ.....KINTVSLRKELEKRTGLKVPE\$SKK	153
NTDB id 287 SP RS11210 WP 001109712.1	TLPF\$SRRLQVLDFDAEYVASVVHAKVLGTEHVLYATLHD\$SNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTR\$EDLKA	160
NTDB id 290 KZH43 RS10025 WP 001109677.1	TLPF\$SRRLQILDFDAEYVASVVHAKVLGTEHVLYATLHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTR\$EDLKA	160
NTDB id 289 SPD RS10700 WP 001109677.1	TLPF\$SRRLQILDFDAEYVASVVHAKVLGTEHVLYATLHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTR\$EDLKA	160
NTDB id 329 STU RS10020 WP 011225298.1	DLRAQSPALEAMLQEAAQTASVTGA\$VEVCSEHVLMAFLHKLDMVCRLL\$EVAGFYQKDDSDKPRIIDLR\$SLERNAGLSKQDLKA	166
NTDB id 297 STER RS00545 WP 011680614.1	DLRAQSPALEAMLQEAEI\$ASVTGA\$VEVCSEHVLMAFLHKLDMVCRLL\$EVAGFYQKDDSDKPRIIDLR\$SLERNAGLSKQDLKA	166
NTDB id 20372 SMA 2088 CCF03379.1	HFVEQSKALS\$DVLAFAESICQVTC\$NETGTEHVLYAMLLNL\$DLFATRLLEVAGFKNKEDGDAARLIDL\$RKS\$LARNAGFTKENIKA	164
NTDB id 377 SMU RS09275 WP 002262344.1	MLEQSHALKRDTL\$EA\$AASISQVTHAKEVGTEHVL\$FAMLLNP\$NLATRILELVGFHAKDDGESIRLLDLRKVIERYAGFSKEDIKA	164
consensus	* * * * *	

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NTDB id 610 V4T04 RS10165 WP 012897346.1 AVTPMSKRKMAK...G....VAENSTTPTLDSVSSDLTEEARELGKLDPMIGREAIEDRLIHILSRRTKNNNPVLVGEPGVGKSAI 230
NTDB id 287 SP RS11210 WP 001109712.1 .LRQRHRTV.ADKQNSMANMMGMPQTSPSGGLEDYTHDLTEQARSGKLEPVIGRDKEISRMQILSRKTKNNNPVLVGDAGVGKTAL 243
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NTDB id 297 STER RS00545 WP 011680614.1 .IHDLRKPKKSKASANFANMMQPPQSSSTGELADYTKDLTALAESGNLDPVIGRDEEISRMQVLSRKTKNNNPVLVGEAGVGKTAL 250
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NTDB id 377 SMU RS09275 WP 002262344.1 .IFEMRKPKKVKVNSSSFSDLMKPFSVTGELADFTRDLTELARQGRLEPVIGREQEISRMVQILSRKTKNNNPVLVGDAGVGKTAL 247
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NTDB id	85	BSU	O0860	NP	387967.1	A	E	G	L	A	Q	R	I	N	N	E	V	P	E	I	L	R	D	K	R	V	M	T	L	D	M	G	T	V	V	A	G	T	K	Y	R	G	F	E	F	E	D	R	L	K	K	V	M	D	E	I	R	Q	A	G	N	I	I	L	F	I	D	E	L	H	T	I	G	A	G	G	.	A	E	G	A	I	D	A	S	N	I	L	K		301	
NTDB id	610	V4T04	RS10165	WP	012897346.1	I	E	G	L	A	Q	R	I	V	N	G	Q	V	P	I	G	L	M	S	R	I	N	A	L	N	M	A	T	V	V	A	G	T	K	F	R	G	F	E	F	E	D	R	L	T	A	I	V	E	V	S	S	D	P	D	V	I	I	F	I	D	E	L	H	T	I	I	G	A	G	G	G	M	D	S	V	N	.	D	A	A	N	I	L	K		315
NTDB id	287	SP	RS11210	WP	001109712.1	A	L	G	L	A	Q	R	I	A	S	C	D	V	P	A	E	M	A	K	M	R	V	L	E	L	D	L	M	N	V	V	A	G	T	R	F	R	G	D	F	E	E	R	M	N	I	K	D	I	E	E	D	G	Q	V	I	L	F	I	D	E	L	H	T	I	M	G	S	G	S	G	I	D	S	T	L	D	A	A	N	I	L	K		328		
NTDB id	290	KZH43	RS10025	WP	001109677.1	A	L	G	L	A	Q	R	I	A	S	C	D	V	P	A	E	M	A	K	M	R	V	L	E	L	D	L	M	N	V	V	A	G	T	R	F	R	G	D	F	E	E	R	M	N	I	K	D	I	E	E	D	G	Q	V	I	L	F	I	D	E	L	H	T	I	M	G	S	G	S	G	I	D	S	T	L	D	A	A	N	I	L	K		328		
NTDB id	289	SPD	RS10700	WP	001109677.1	A	L	G	L	A	Q	R	I	A	S	C	D	V	P	A	E	M	A	K	M	R	V	L	E	L	D	L	M	N	V	V	A	G	T	R	F	R	G	D	F	E	E	R	M	N	I	K	D	I	E	E	D	G	Q	V	I	L	F	I	D	E	L	H	T	I	M	G	S	G	S	G	I	D	S	T	L	D	A	A	N	I	L	K		328		
NTDB id	329	STU	RS10020	WP	011225298.1	A	L	G	L	A	Q	R	I	A	S	C	E	V	P	F	E	L	A	D	M	R	I	L	E	L	D	M	S	V	V	A	G	T	R	F	R	G	D	F	E	E	R	M	N	Q	I	I	D	E	I	E	A	D	G	K	I	I	L	F	I	D	E	L	H	T	I	I	G	S	G	S	G	I	D	S	T	L	D	A	A	N	I	L	K		335	
NTDB id	297	STER	RS00545	WP	011680614.1	A	L	G	L	A	Q	R	I	A	S	C	E	V	P	F	E	L	A	D	M	R	I	L	E	L	D	M	S	V	V	A	G	T	R	F	R	G	D	F	E	E	R	M	N	Q	I	I	D	E	I	E	A	D	G	K	I	I	L	F	I	D	E	L	H	T	I	I	G	S	G	S	G	I	D	S	T	L	D	A	A	N	I	L	K		335	
NTDB id	20372	SMA	2088	CCF03379.1	A	Y	G	L	A	Q	R	I	V	N	G	A	I	P	Y	E	L	Q	D	M	R	V	L	E	L	D	M	S	V	V	A	G	T	R	F	R	G	D	F	E	E	R	M	N	Q	I	I	S	D	I	E	E	D	G	H	I	I	L	F	I	D	E	V	H	T	I	M	G	S	G	S	G	I	D	S	T	L	D	A	A	N	I	L	K		332		
NTDB id	377	SMU	RS09275	WP	002262344.1	A	Y	G	L	A	Q	R	I	V	D	S	A	V	P	F	E	L	A																																																																					

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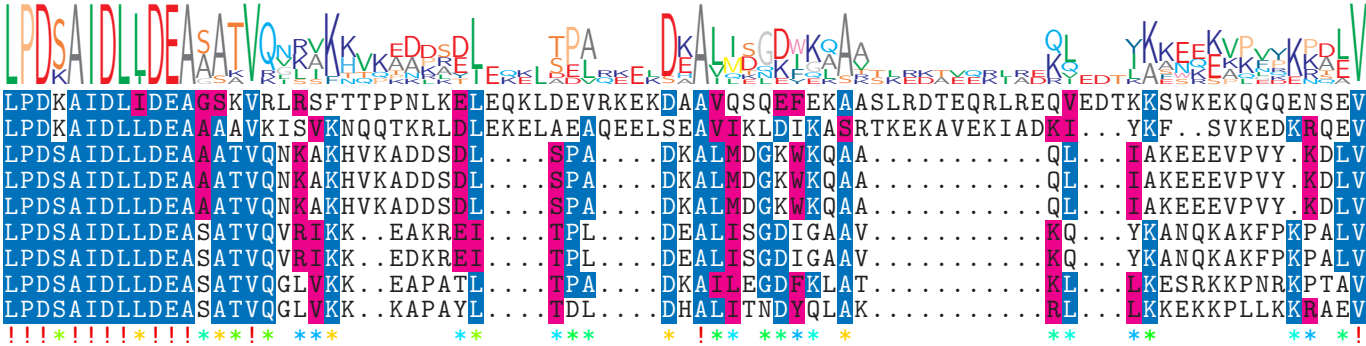
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NTDB id 20372 SMA 2088 CCF03379.1
NTDB id 377 SMU RS09275 WP 002262344.1
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NTDB id 20372 SMA 2088 CCF03379.1
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NTDB id 377 SMU RS09275 WP 002262344.1
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