

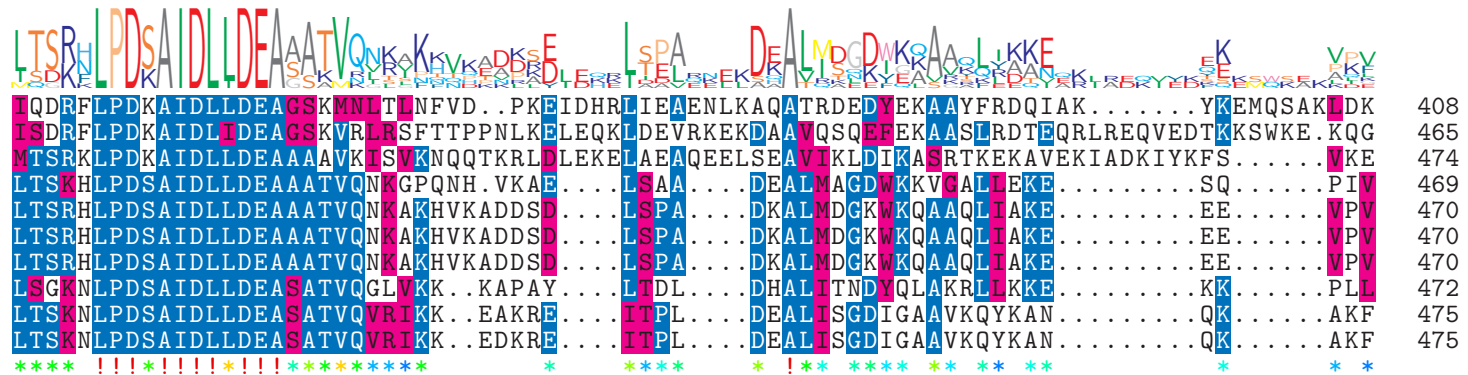

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NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 39215 SANR RS10010 WP 003036608.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 329 STU RS10020 WP 011225298.1
NTDB id 297 STER RS00545 WP 011680614.1
consensus

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consensus



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NTDB id	85	BSU 00860 NP 387967.1
NTDB id	610	V4T04 RS10165 WP 012897346.1
NTDB id	39215	SANR RS10010 WP 003036608.1
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	329	STU RS10020 WP 011225298.1
NTDB id	297	STER RS00545 WP 011680614.1
consensus		

NTDB id 378	SMU RS02690 WP 002263569.1	KTEL	S	K	Q	L	A	I	E	F	G	S	E	D	S	M	I	R	F	D	M	S	E	Y	M	E	K	H	A	V	A	K	L	V	G	A	P	P	G	Y	V	G	Y	E	E	A	G	C	L	T	E	K	V	R	N	P	S	L	I	L	L	D	E	V	E	K	A	H	P	D	V	M	H	F	L	Q	V	L	D				
NTDB id 85	BSU 00860 NP 387967.1	KTELA	R	A	L	A	E	S	I	F	G	D	E	S	M	I	R	I	D	M	S	E	Y	M	E	K	H	S	T	S	R	L	V	G	S	P	P	G	Y	V	G	Y	D	E	G	G	L	T	E	K	V	R	R	K	P	Y	S	V	L	L	D	E	I	T	E	K	A	H	P	D	V	F	N	I	L	L	Q	V	L	D			
NTDB id 610	V4T04 RS10165 WP 012897346.1	KTELA	K	A	L	A	D	S	V	F	G	S	E	D	N	M	I	R	V	D	M	S	E	F	M	E	K	H	S	T	S	R	L	I	G	A	P	P	G	Y	V	G	Y	D	E	G	G	L	T	E	R	V	R	N	K	P	Y	S	V	L	L	D	E	V	E	K	A	H	P	D	V	F	N	I	M	L	Q	I	L	D			
NTDB id 39215	SANR RS10010 WP 003036608.1	KTELA	K	A	L	A	E	A	E	V	L	F	D	D	E	S	A	L	I	R	F	D	M	S	E	Y	M	E	K	F	A	A	S	R	L	N	G	A	P	P	G	Y	V	G	Y	E	E	G	G	L	T	E	K	V	R	N	K	P	Y	S	V	L	L	D	E	V	E	K	A	H	P	D	I	F	N	V	L	L	Q	V	L	D	
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NTDB id 290	KZH43 RS10025 WP 001109677.1	KTELA	K	A	L	A	E	A	E	V	L	F	D	D	E	S	A	L	I	R	F	D	M	S	E	Y	M	E	K	F	A	A	S	R	L	N	G	A	P	P	G	Y	V	G	Y	E	E	G	G	L	T	E	K	V	R	N	K	P	Y	S	V	L	L	D	E	V	E	K	A	H	P	D	I	F	N	V	L	L	Q	V	L	D	
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NTDB id 297	STER RS00545 WP 01																																																																																		

NTDB id 378	SMU RS02690 WP 002263569.1	DGR	L	T	D	G	Q	G	R	T	V	S	F	K	D	T	I	I	M	T	S	N	A	G	T	G	K	.	S	E	A	N	V	G	F	G	A	S	R	E	G	.	.	.	.	R	T	N	S	V	L	G	E	L	G	N	F	S	P	E	F	M	N	R	F	D	G	I	E	F	Q	A	L	S	K	D	N	L	656						
NTDB id 85	BSU 00860 NP 387967.1	DGR	L	T	D	S	K	G	R	T	V	D	F	R	N	T	I	L	I	M	T	S	N	V	G	A	S	E	L	K	R	N	K	V	Y	V	G	F	N	V	Q	E	T	Q	N	H	K	D	M	K	D	V	M	G	E	L	K	R	A	F	R	P	E	F	I	N	R	I	D	E	I	I	V	F	H	S	L	E	K	K	H	I	T	720	
NTDB id 610	V4T04 RS10165 WP 012897346.1	DG	F	V	T	D	T	K	G	R	K	V	D	F	R	N	T	I	I	M	T	S	N	L	G	A	T	A	L	R	D	D	K	T	V	G	F	G	A	K	N	I	A	D	S	A	M	K	S	R	I	L	E	E	L	K	R	H	Y	R	P	E	F	L	N	R	I	D	E	I	I	V	F	H	S	L	E	S	Q	E	I	E	729		
NTDB id 39215	SANR RS10010 WP 003036608.1	DG	V	L	T	D	S	K	G	R	K	V	D	F	S	N	T	I	I	M	T	S	N	L	G	A	T	A	L	R	D	D	K	T	V	G	F	G	A	D	I	R	F	D	H	E	N	M	E	K	R	M	E	E	L	K	K	A	Y	R	P	E	F	I	N	R	I	D	E	K	V	V	F	H	S	L	T	S	E	D	M	Q	723		
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NTDB id 289	SPD RS10700 WP 001109677.1	DG	V	L	T	D	S	K	G	R	K	V	D	F	S	N	T	I	I	M	T	S	N	L	G	A	T	A	L	R	D	D	K	T	V	G	F	G	A	K	D	I	R	F	D	Q	E	N	M	E	K	R	M	F	E	E	L	K	K	A	Y	R	P	E	F	I	N	R	I	D	E	K	V	V	F	H	S	L	S	S	D	H	M	Q	724
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NTDB id 378 SMU RS02690 WP 002263569.1	EIVKIMVVKPLVASLAEKGIHLKLPSPALKLLAGYDPEMGARPLRRRLQTEVEDKLSELLGLVAGQTLKIGVSAKGLKFDI	740
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NTDB id 287 SP RS11210 WP 001109712.1	EIVKIMVQPLISSLAEKGIKLFQPSALKLLAQEGYDPEMGARPLRRRLQTRVEDHLSELLLAGELKTGQSLKVGVKAGKGLKFEV	809
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consensus	***!***!*****!**********!***!***!*****!***!***!*****!***************	

logo

NTDB id 378 SMU RS02690 WP 002263569.1	SNKVETVTKATSD	753
NTDB id 85 BSU 00860 NP 387967.1	TAKTN.....	810
NTDB id 610 V4T04 RS10165 WP 012897346.1	TV.....	816
NTDB id 39215 SANR RS10010 WP 003036608.1	L.....	809
NTDB id 287 SP RS11210 WP 001109712.1	A.....	810
NTDB id 290 KZH43 RS10025 WP 001109677.1	A.....	810
NTDB id 289 SPD RS10700 WP 001109677.1	A.....	810
NTDB id 377 SMU RS09275 WP 002262344.1	V.....	813
NTDB id 329 STU RS10020 WP 011225298.1	V.....	816
NTDB id 297 STER RS00545 WP 011680614.1	V.....	816
consensus	*	

- X non conserved
- similar
- X ≥ 50% conserved