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NTDB id 601 KW2 RS02615 WP 021036805.1	MTCQNCNINEA.....	TI	13
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NTDB id 281 KZH43 RS03550 WP 000882517.1	MTCQNCNINDS.....	TI	13
NTDB id 245 SPD RS03860 WP 000882517.1	MTCQNCNINDS.....	TI	13
NTDB id 243 SPR RS03635 WP 000882517.1	MTCQNCNINDS.....	TI	13
NTDB id 94764 AOD66 RS00470 WP 000971179.1	..MMFGRFTERAQKVLALSQEEAIRIGHNNIGTEHILLGLVREGEGLAAKALIALGLSPEKVQKEVEALIG.....RGTEAS	75	75
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEGLAAKALQALGLGSEKIQKEVESLIG.....RGQEMS	75	75
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NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAHFHGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYSQDET	75	75
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAHFHGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYSQDET	75	75
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAHFHGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYSQDET	75	75
NTDB id 377 SMU RS09275 WP 002262344.1	...MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAILAIGKKPKSSSN...DI	79	79
NTDB id 297 STER RS00545 WP 011680614.1	...MTIYSRKMQAIFHRAQLEAERFESPFLTWHVLLAMVEVTGSAVYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLSESDI	81	81
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consensus	*** * * * * *	**	**

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NTDB	id	378	SMU	RS02690	WP	002263569.1	HL	YANVNG	QKKQ	ID	LCQNCYQI	...	M	K	T	D	P	E	N	G	P	L	N	H	.	S	Q	N	S	S		I	N	P	F	F	D	.	D	F	F	G	D	.	L	N	N	F	R	A	F	N	N	Q	D	L	P	N		80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
NTDB	id	241	SP	RS04015	WP	000882523.1	HL	YTNLNG	KKKQ	ID	LCQNCYKI	...	I	K	T	D	P	N	S	L	F	K	G	M	T	.	D	L	N	N	R	D		F	D	P	.	F	G	D	F	F	N	D	.	L	N	N	F	R	P	S	S	N	..	T	P	P		77																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
NTDB	id	281	KZH43	RS03550	WP	000882517.1	HL	YTNLNG	KKKQ	ID	LCQNCYKI	...	I	K	T	D	P	N	S	L	F	K	G	M	T	.	D	L	N	N	R	D		F	D	P	.	F	G	D	F	F	N	D	.	L	N	N	F	R	P	S	S	N	..	T	P	P		77																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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NTDB	id	243	SPR	RS03635	WP	000882517.1	HL	YTNLNG	KKKQ	ID	LCQNCYKI	...	I	K	T	D	P	N	S	L	F	K	G	M	T	.	D	L	N	N	R	D		F	D	P	.	F	G	D	F	F	N	D	.	L	N	N	F	R	P	S	S	N	..	T	P	P		77																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
NTDB	id	94764	AOD66	RS00470	WP	000971179.1	Q	T	V	H	Y	T	P	R	A	K	K	V	I	E	L	S	M	D	E	A	R	K	L	G	H	S	Y	V	G	T	E	H	I	L	L	G	L	I	R	E	G	E	G	V	A	A	R	V	.	L	N	N	L	G	V	S	L	N	K	A	R	Q	Q	V	L	Q	..	L	L	G	S	N	E			146																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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NTDB	id	610	V4T04	RS10165	WP	012897346.1	S	T	L	R	F	S	P	R	A	E	E	V	M	T	A	A	S	F	L	A	I	H	N	N	S	E	A	V	G	T	E	H	L	Y	A	L	L	Q	V	E	D	.	G	F	G	L	Q	L	L	K	L		...	Q	K	I	N	I	V	S	.	L	R	K	E	.	L	E	K	R	T	G	L	K	V	P	E	S	K		153																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
NTDB	id	290	KZH43	RS10025	WP	001109677.1	T	E	L	P	F	S	R	R	L	Q	I	L	F	D	E	A	E	Y	V	A	S	.	V	H	A	K	V	L	G	T	E	H	V	L	Y	A	I	L	H	D	.	S	N	A	L	A	T	R	.	L	E	R	A	G	F	S	Y	E	D	K	K	D	Q	V	K	I	A	A	.	L	R	R	N	.	L	E	R	A	G	W	T	R	E	D	L	K	A		160																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
NTDB	id	289	SPD	RS10700	WP	001109677.1	T	E	L	P	F	S	R	R	L	Q	I	L	F	D	E	A	E	Y	V	A	S	.	V	H	A	K	V	L	G	T	E	H	V	L	Y	A	I	L	H	D	.	S	N	A	L	A	T	R	.	L	E	R	A	G	F	S	Y	E	D	K	K	D	Q	V	K	I	A	A	.	L	R	R	N	.	L	E	R	A	G	W	T	R	E	D	L	K	A		160																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
NTDB	id	287	SP	RS11210	WP	001109712.1	T	E	L	P	F	S	R	R	L	Q	V	L	F	D	E	A	E	Y	V	A	S	.	V	H	A	K	V	L	G	T	E	H	V	L	Y	A	I	L	H	D	.	S	N	A	L	A	T	R	.	L	E	R	A	G	F	S	Y	E	D	K	K	D	Q	V	K	I	A	A	.	L	R	R	N	.	L	E	R	A	G	W	T	R	E	D	L	K	A		160																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
NTDB	id	377	SMU	RS09275	WP	002262344.1	M	L	L	E	Q	S	H	A	L	K	R	T	L	A	E	A	A	A	I	S	Q	V	T	H	A	K	E	V	G	T	E	H	V	L	F	A	M	L	L	N	P	M	L	A	T	R	.	L	E	L	V	G	F	H	A	K	D	D	G	E	S	I	R	L	D	L	R	K	V	.	T	E	R	Y	A	G	F	S	K	E	D	I	K	A		164																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
NTDB	id	329	STER	RS00545	WP	011680614.1	D	L	R	A	Q	S	P	A	L	E	A	M	L	Q	E	A	Q	E	I	A	S	V	T	G	A	V	E	G	S	E	H	V	L	M	A	F	L	L	H	K	D	.	L	M	V	C	R	L	.	L	E	V	A	G	F	Q	Y	K	D	D	S	D	K	P	R	I	D	L	R	R	S	.	L	E	R	N	A	G	L	S	K	Q	D	L	K	A		166																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
NTDB	id	297	STU	RS10020	WP	011225298.1	D	L	R	A	Q	S	P	A	L	E	A	M	L	Q	E	A	Q	E	I	A	S	V	T	G	A	V	E	G	S	E	H	V	L	M	A	F	L	L	H	K	D	.	L	M	V	C	R	L	.	L	E	V	A	G	F	Q	Y	K	D	D	S	D	K	P	R	I	D	L	R	R	S	.	L	E	R	N	A	G	L	S	K	Q	D	L	K	A		166																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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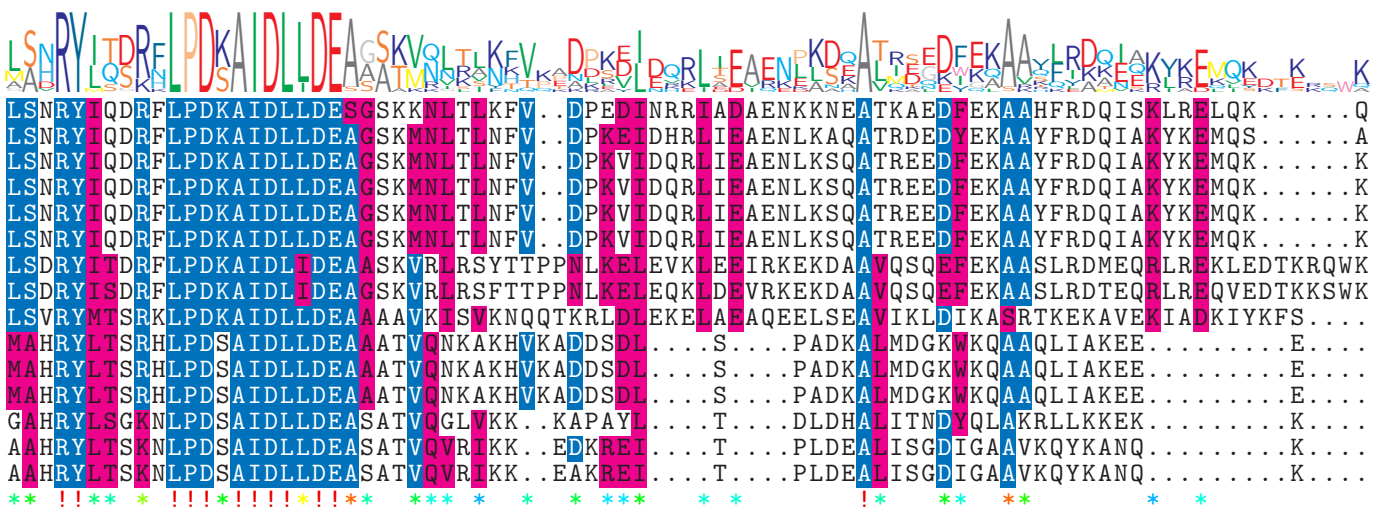
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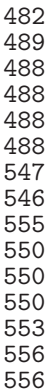


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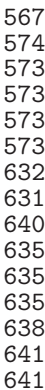
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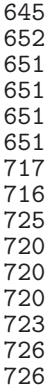
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consensus

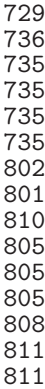
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NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 241 SP RS04015 WP 000882523.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 94764 AOD66 RS00470 WP 000971179.1
NTDB id 85 BSU 00860 NP 387967.1
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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logo

NTDB id 601 KW2 RS02615 WP 021036805.1	ISNQTQETAETTDDEEVPAE	748
NTDB id 378 SMU RS02690 WP 002263569.1	VIKASNK.VETVTKATSD.	753
NTDB id 241 SP RS04015 WP 000882523.1	QIKSAKK.AEVKSSEKEK.	752
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NTDB id 245 SPD RS03860 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 243 SPR RS03635 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 94764 AOD66 RS00470 WP 000971179.1	VIHSAEKVK.....	811
NTDB id 85 BSU 00860 NP 387967.1	VVKTTAKTN.....	810
NTDB id 610 V4T04 RS10165 WP 012897346.1	KIAQIV.....	816
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NTDB id 287 SP RS11210 WP 001109712.1	KFDIA.....	810
NTDB id 377 SMU RS09275 WP 002262344.1	KFDIV.....	813
NTDB id 297 STER RS00545 WP 011680614.1	TFTVV.....	816
NTDB id 329 STU RS10020 WP 011225298.1	TFTVV.....	816
consensus		



-  non conserved
-  similar
-  ≥ 50% conserved