

NTDB id	601	KW2	RS02615	WP	021036805.1	..SNQTP	P	TQTG	C		RGRPGPNPRAKQPK	G	MLEEFGIN	I	TESARRGEI	D	PVIGRDEEIKRVIEILNRRTKNNPVLI	151
NTDB id	378	SMU	RS02690	WP	002263569.1	..LPNTP	P	TQAGC	G	NGNG.GN.NRRPGGPQQAS	C	KPNGLLEEFGIN	L	TDIARKGEI	D	PVIGRDEEITRVIEILNRRTKNNPVLI	158	
NTDB id	61679	SANR	RS07955	WP	003038586.1	..EPQTP	P	TQSGC	G	YG.NGGYGSNQGGGARQQA	P	CQPKGLLEEFGIN	V	TEFARRGEI	D	PVIGRDEEIVRVIEILNRRTKNNPVLI	156	
NTDB id	281	KZH43	RS03550	WP	000882517.1	..TPIIP	P	TQSGC	G	YGGNGGYGSQNRGSAQTTP	P	SQEKGLEEFGIN	V	TEIARRGD	I	DPVIGRDEEIIRVIEILNRRTKNNPVLI	157	
NTDB id	245	SPD	RS03860	WP	000882517.1	..TPPIP	P	TQSGC	G	YGGNGGYGSQNRGSAQTTP	P	PSQEKGLEEFGIN	V	TEIARRGD	I	DPVIGRDEEIIRVIEILNRRTKNNPVLI	157	
NTDB id	243	SPR	RS03635	WP	000882517.1	..TPPIP	P	TQSGC	G	YGGNGGYGSQNRGSAQTTP	P	PSQEKGLEEFGIN	V	TEIARRGD	I	DPVIGRDEEIIRVIEILNRRTKNNPVLI	157	
NTDB id	241	SP	RS04015	WP	000882523.1	..TPPIP	P	TQSGC	G	YGGNGGYGSQNRGSAQTTP	P	PSQEKGLEEFGIN	V	TEIARRGD	I	DPVIGRDEEIIRVIEILNRRTKNNPVLI	157	
NTDB id	85	BSU	00860	NP	387967.1		.	.	.		GSSAAGTNS	N	ANTPTLD	S	LARDLTATAIKEDSL	D	PVIGRSKEIQRVIEVLSRRTTKNNPVLI	207
NTDB id	610	V4T04	RS10165	WP	012897346.1	AVTPMSKR	K	MAKC	.		.VAENSTTPT	L	DSVSSDLTEEARLGKL	D	PMIGRAEIDRLIHLSRRTTKNNPVLV	220		
NTDB id	290	KZH43	RS10025	WP	001109677.1	.LRQRHRTV.ADK		.	.		QNSMANMMGM	P	CTPSGLEDYTHD	L	TEQARSCKLEPVIGRDKEISRMIIQLSRKTKNPPVLV	233		
NTDB id	289	SPD	RS10700	WP	001109677.1	.LRQRHRTV.ADK		.	.		QNSMANMMGM	P	CTPSGLEDYTHD	L	TEQARSCKLEPVIGRDKEISRMIIQLSRKTKNPPVLV	233		
NTDB id	287	SP	RS11210	WP	001109712.1	.LRQRHRTV.ADK		.	.		QNSMANMMGM	P	CTPSGLEDYTHD	L	TEQARSCKLEPVIGRDKEISRMIIQLSRKTKNPPVLV	233		
NTDB id	377	SMU	RS09275	WP	002262344.1	.IFEMRK	P	KKVK	N		SSSFSDLMKPP	.	SVTGELADFTRD	L	TELARQGRLEPVIGREQEISRMVQILSRKTKNPPVLV	237		
NTDB id	297	STER	RS00545	WP	011680614.1	.IHDLRK	P	KKSKA	.		SANFANMMQP	P	CSSTGELADYTCKD	L	TALAESGNLDPVIGRDEEISRMIVLSRKTKNPPVLV	240		
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consensus						*		*			* * *	*	! * * *	*	! * * ! * *	*	* * ! * ! ! ! * ! ! ! ! ! * ! ! * ! ! ! ! ! ! *	

NTDB	id	601	KW2	RS02615	WP	021036805.1	G	E	P	G	V	G	K	T	A	V	E	G	L	A	Q	K	I	V	D	G	D	V	P	Q	K	L	Q	N	K	E	V	I	R	L	D	V	V	S	L	V	Q	G	T	G	I	R	G	Q	F	E	E	R	M	Q	K	L	M	D	E	I	R	K	R	N	D	V	I	M	F	I	D	E	I	H	E	I	V	G	A	G	S	A	G	D	236
NTDB	id	378	SMU	RS02690	WP	002263569.1	G	E	P	G	V	G	K	T	A	V	E	G	L	A	Q	K	I	V	D	G	D	V	P	Q	K	L	H	G	K	N	V	I	R	L	D	V	V	S	L	V	Q	G	T	G	I	R	G	Q	F	E	E	R	M	Q	K	L	M	E	E	I	R	Q	R	D	V	I	L	F	I	D	E	I	H	E	I	V	G	A	G	S	A	G	D	243	
NTDB	id	61679	SANR	RS07955	WP	003038586.1	G	E	P	G	V	G	K	T	A	V	E	G	L	A	Q	K	I	V	D	G	D	V	P	H	K	L	Q	G	K	Q	V	I	R	L	D	V	V	S	L	V	Q	G	T	G	I	R	G	Q	F	E	E	R	M	Q	K	L	M	E	E	I	R	S	R	Q	D	V	I	L	F	I	D	E	I	H	E	I	V	G	A	G	S	A	G	D	241
NTDB	id	281	KZH43	RS03550	WP	000882517.1	G	E	P	G	V	G	K	T	A	V	E	G	L	A	Q	K	I	V	D	G	D	V	P	H	K	L	Q	G	K	Q	V	I	R	L	D	V	V	S	L	V	Q	G	T	G	I	R	G	Q	F	E	E	R	M	Q	K	L	M	E	E	I	R	K	R	E	D	V	I	L	F	I	D	E	I	H	E	I	V	G	A	G	S	A	G	D	242
NTDB	id	245	SPD	RS03860	WP	000882517.1	G	E	P	G	V	G	K	T	A	V	E	G	L	A	Q	K	I	V	D	G	D	V	P	H	K	L	Q	G	K	Q	V	I	R	L	D	V	V	S	L	V	Q	G	T	G	I	R	G	Q	F	E	E	R	M	Q	K	L	M	E	E	I	R	K	R	E	D	V	I	L	F	I	D	E	I	H	E	I	V	G	A	G	S	A	G	D	242
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NTDB	id	85	BSU	00860	NP	387967.1	G	E	P	G	V	G	K	T	A	V	E	G	L	A	Q	K	I	V	D	G	D	V	P	H	K	L	Q	G	K	Q	V	I	R	L	D	V	V	S	L	V	Q	G	T	G	I	R	G	Q	F	E	E	R	M	Q	K	L	M	E	E	I	R	K	R	E	D	V	I	L	F	I	D	E	I	H	E	I	V	G	A	G	S	A	G	D	291
NTDB	id	610	V4T04	RS10165	WP	012897346.1	G	E	P	G																																																																																	

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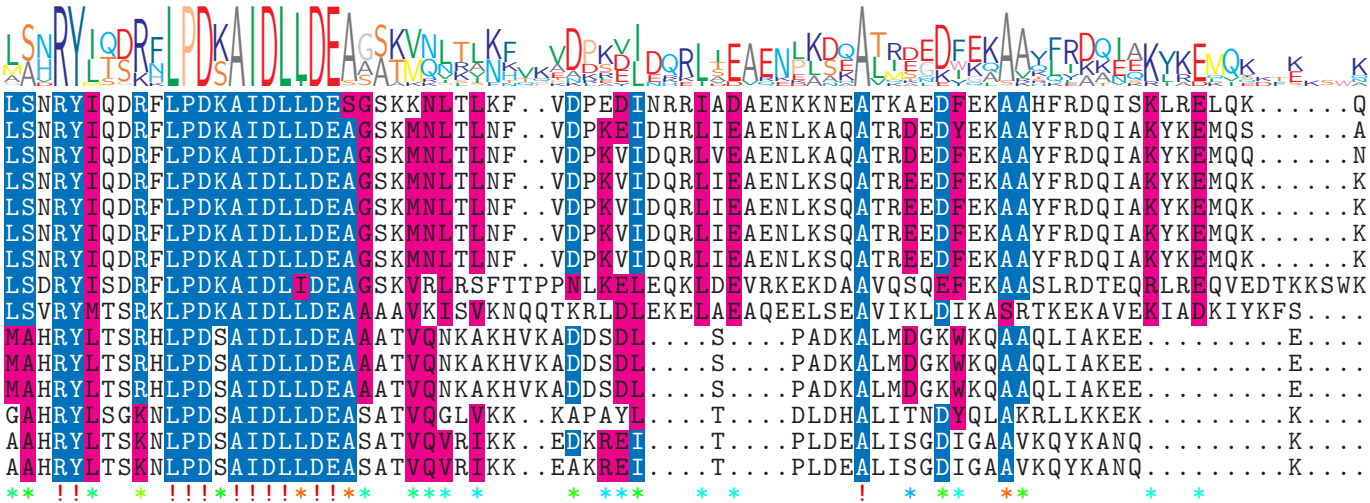
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NTDB id	329	STU	RS10020	WP	011225298.1
consensus					



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NTDB id	601	KW2	RS02615	WP	021036805.1
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consensus					

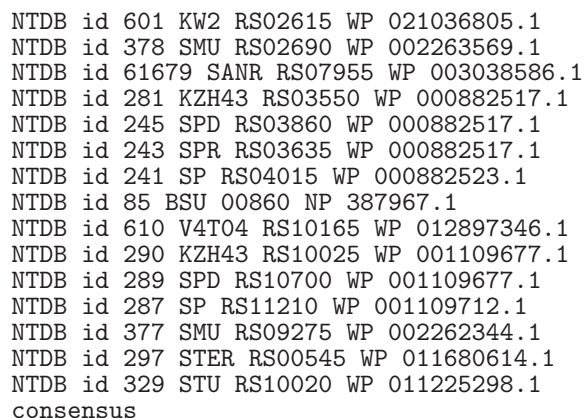


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NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus

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NTDB id 241 SP RS04015 WP 000882523.1	Q	KSAKKAEVKSSEKEK.....	752
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NTDB id 287 SP RS11210 WP 001109712.1	K	FDIA.....	810
NTDB id 377 SMU RS09275 WP 002262344.1	K	FDIV.....	813
NTDB id 297 STER RS00545 WP 011680614.1	T	FTVV.....	816
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consensus	*		

- non conserved
- similar
- ≥ 50% conserved