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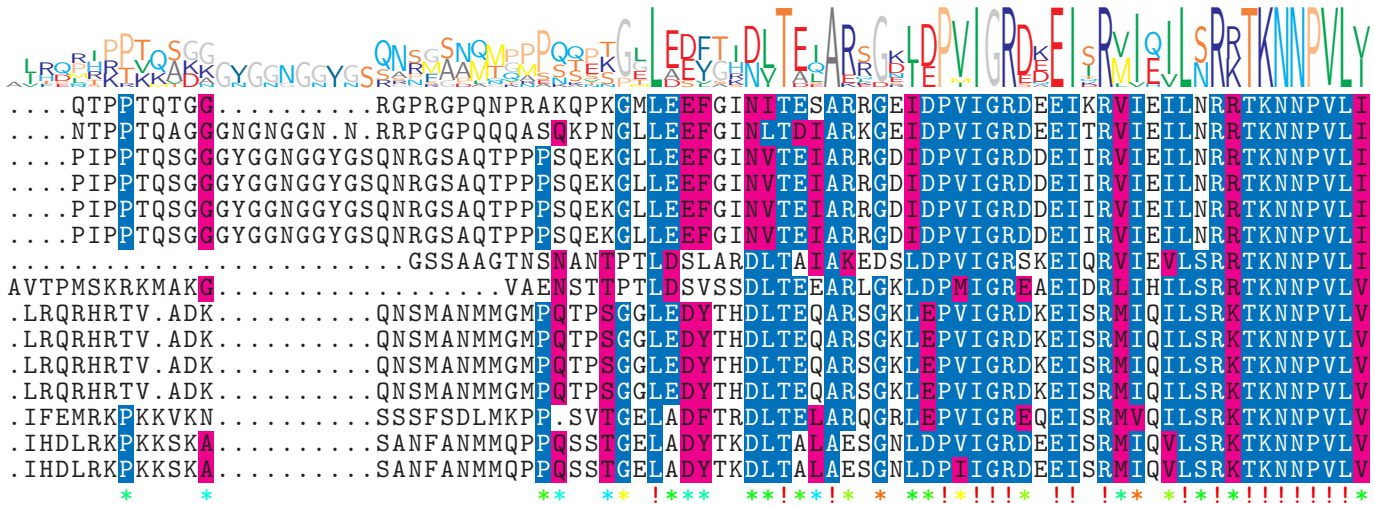
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NTDB	id	378	SMU	RS02690	WP	002263569.1	HL	YANVNC	QKKQ	ID	LCQNCYQ	I	...	M	K	T	D	P	E	N	G	P	L	N	H	.	S	Q	N	S	S		I	N	P	F	F	D	.	D	F	F	G	D	.	L	N	N	F	R	A	F	N	N	Q	.	D	L	P	.	79																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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NTDB	id	85	BSU	O0860	NP	387967.1	Q	T	I	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	T		147																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB	id	610	V4T04	RS10165	WP	012897346.1	S	T	L	R	F	S	P	R	A	E	V	M	T	A	A	S	F	L	A	I	H	N	N	S	E	A	V	G	T	E	H	L	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	.	T	R	K	E	L	E	K	R	T	.	G	L	K	V	P	E	S	K	K	.	153																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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	N	.	L	E	E	R	A	G	.	W	T	R	E	D	L	K	A	.	160																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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NTDB	id	290	KZH43	RS10025	WP	001109677.1	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	N	.	L	E	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	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	N	.	L	E	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	N	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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NTDB id 329 STU RS10020 WP 011225298.1
consensus



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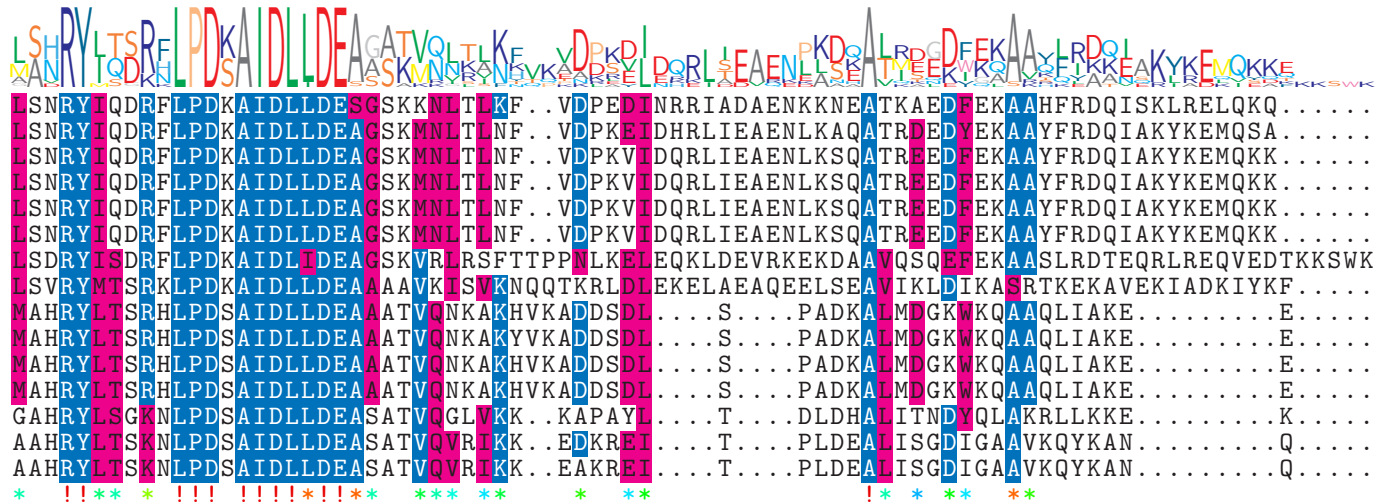
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consensus

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NTDB id 245 SPD RS03860 WP 000882517.1	KITDQDTP	IIESEKT	IEHI	IEQKT	NIPVGD	LKEKE	EQSQL	IHLAED	LKSHV	IGQDDA	VDKI	AKA	IRNRV	VLGTPN	RPIGSFL	LVVGP	488
NTDB id 243 SPR RS03635 WP 000882517.1	KITDQDTP	IIESEKT	IEHI	IEQKT	NIPVGD	LKEKE	EQSQL	IHLAED	LKSHV	IGQDDA	VDKI	AKA	IRNRV	VLGTPN	RPIGSFL	LVVGP	488
NTDB id 241 SP RS04015 WP 000882523.1	KITDQDTPS	IIESEKT	IEHI	IEQKT	NIPVGD	LKEKE	EQSQL	IHLAED	LKSHV	IGQDDA	VDKI	AKA	IRNRV	VLGTPN	RPIGSFL	LVVGP	488
NTDB id 85 BSU 00860 NP 387967.1	EKQQGENSE	VTVDD	IAMV	VSSW	TGVPVSK	IAQT	ETDK	LLNMEN	ILHS	RVIGQDE	AVVAVAKA	VRRARAC	LKDPK	RPIGSFL	IFLGP		546
NTDB id 610 V4T04 RS10165 WP 012897346.1	SVKEDKRQE	VTDQA	VVAVASTL	TGVPITQ	MTKSE	ESDR	LINLEK	ELHKRV	VGQEEAT	ISAV	SRA	IRRAR	SGVADSR	RP	GSF	FLGP	555
NTDB id 287 SP RS11210 WP 001109712.1	EVVPV.YKD	LVTESD	ILTTLS	RSLSG	IPVQKL	TQTD	AKKYLN	LEAEL	LHKRVIGQD	QAVSS	ISRA	IRRNQ	SGIRSHK	RP	IGSF	FLGP	550
NTDB id 60747 R8566 RS11230 WP 001109701.1	EVVPV.YKD	LVTESD	ILTTLS	RSLSG	IPVQKL	TQTD	AKKYLN	LEAEL	LHKRVIGQD	QAVSS	ISRA	IRRNQ	SGIRSHK	RP	IGSF	FLGP	550
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NTDB id 289 SPD RS10700 WP 001109677.1	EVVPV.YKD	LVTESD	ILTTLS	RSLSG	IPVQKL	TQTD	AKKYLN	LEAEL	LHKRVIGQD	QAVSS	ISRA	IRRNQ	SGIRSHK	RP	IGSF	FLGP	550
NTDB id 377 SMU RS09275 WP 002262344.1	KPLLKKRAE	VKEED	ILATLS	SKLSG	IPVKKL	TQAD	SKKYLN	LEREL	LHKRVIGQD	AVSS	ISRA	IRRNQ	SGIRV	GKRP	IGSF	FLGP	553
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consensus	*	*****	*	**	***!	*	*	*	*****	!!	*****	!!	!!	*****	!!	!!	

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NTDB id 601 KW2 RS02615 WP 021036805.1	TGVGKTELAKALAEV	FGDESSM	REDMSEYMEK	HAASRL	NGAPP	GYVGY	DEGGQ	TEKVRN	KPYSV	LLF	DEVEKAHPD	VFN	MYEL	567
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NTDB id 243 SPR RS03635 WP 000882517.1	TGVGKTELAKALAEV	FGDESSM	REDMSEYMEK	HAASRL	NGAPP	GYVGY	DEGGQ	TEKVRN	KPYSV	LLF	DEVEKAHPD	VFN	MYEL	573
NTDB id 241 SP RS04015 WP 000882523.1	TGVGKTELAKALAEV	FGDESSM	REDMSEYMEK	HAASRL	NGAPP	GYVGY	DEGGQ	TEKVRN	KPYSV	LLF	DEVEKAHPD	VFN	MYEL	573
NTDB id 85 BSU 00860 NP 387967.1	TGVGKTELAKALAEV	FGDESSM	REDMSEYMEK	HAASRL	NGAPP	GYVGY	DEGGQ	TEKVRN	KPYSV	LLF	DEVEKAHPD	VFN	MYEL	631
NTDB id 610 V4T04 RS10165 WP 012897346.1	TGVGKTELAKALAEV	FGDESSM	REDMSEYMEK	HAASRL	NGAPP	GYVGY	DEGGQ	TEKVRN	KPYSV	LLF	DEVEKAHPD	VFN	MYEL	640
NTDB id 287 SP RS11210 WP 001109712.1	TGVGKTELAKALAEV	FGDESSM	REDMSEYMEK	HAASRL	NGAPP	GYVGY	DEGGQ	TEKVRN	KPYSV	LLF	DEVEKAHPD	VFN	MYEL	635
NTDB id 60747 R8566 RS11230 WP 001109701.1	TGVGKTELAKALAEV	FGDESSM	REDMSEYMEK	HAASRL	NGAPP	GYVGY	DEGGQ	TEKVRN	KPYSV	LLF	DEVEKAHPD	VFN	MYEL	635
NTDB id 290 KZH43 RS10025 WP 001109677.1	TGVGKTELAKALAEV	FGDESSM	REDMSEYMEK	HAASRL	NGAPP	GYVGY	DEGGQ	TEKVRN	KPYSV	LLF	DEVEKAHPD	VFN	MYEL	635
NTDB id 289 SPD RS10700 WP 001109677.1	TGVGKTELAKALAEV	FGDESSM	REDMSEYMEK	HAASRL	NGAPP	GYVGY	DEGGQ	TEKVRN	KPYSV	LLF	DEVEKAHPD	VFN	MYEL	635
NTDB id 377 SMU RS09275 WP 002262344.1	TGVGKTELAKALAEV	FGDESSM	REDMSEYMEK	HAASRL	NGAPP	GYVGY	DEGGQ	TEKVRN	KPYSV	LLF	DEVEKAHPD	VFN	MYEL	638
NTDB id 297 STER RS00545 WP 011680614.1	TGVGKTELAKALAEV	FGDESSM	REDMSEYMEK	HAASRL	NGAPP	GYVGY	DEGGQ	TEKVRN	KPYSV	LLF	DEVEKAHPD	VFN	MYEL	641
NTDB id 329 STU RS10020 WP 011225298.1	TGVGKTELAKALAEV	FGDESSM	REDMSEYMEK	HAASRL	NGAPP	GYVGY	DEGGQ	TEKVRN	KPYSV	LLF	DEVEKAHPD	VFN	MYEL	641
consensus	!!!!!!!!	*****	*	*	*****	!!!!	*****	!!!!	!!!!	!!!!	*****	!!!!	*****	!!!!

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NTDB id 601 KW2 RS02615 WP 021036805.1	ISNQTQETAETTDDEEVPAE	748
NTDB id 378 SMU RS02690 WP 002263569.1	VIKASNK.VETVTKATSD.	753
NTDB id 281 KZH43 RS03550 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 245 SPD RS03860 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 243 SPR RS03635 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 241 SP RS04015 WP 000882523.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 85 BSU 00860 NP 387967.1	VVKTTAKTN.....	810
NTDB id 610 V4T04 RS10165 WP 012897346.1	KIAQIV.....	816
NTDB id 287 SP RS11210 WP 001109712.1	KFDIA.....	810
NTDB id 60747 R8566 RS11230 WP 001109701.1	KFDIA.....	810
NTDB id 290 KZH43 RS10025 WP 001109677.1	KFDIA.....	810
NTDB id 289 SPD RS10700 WP 001109677.1	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		



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