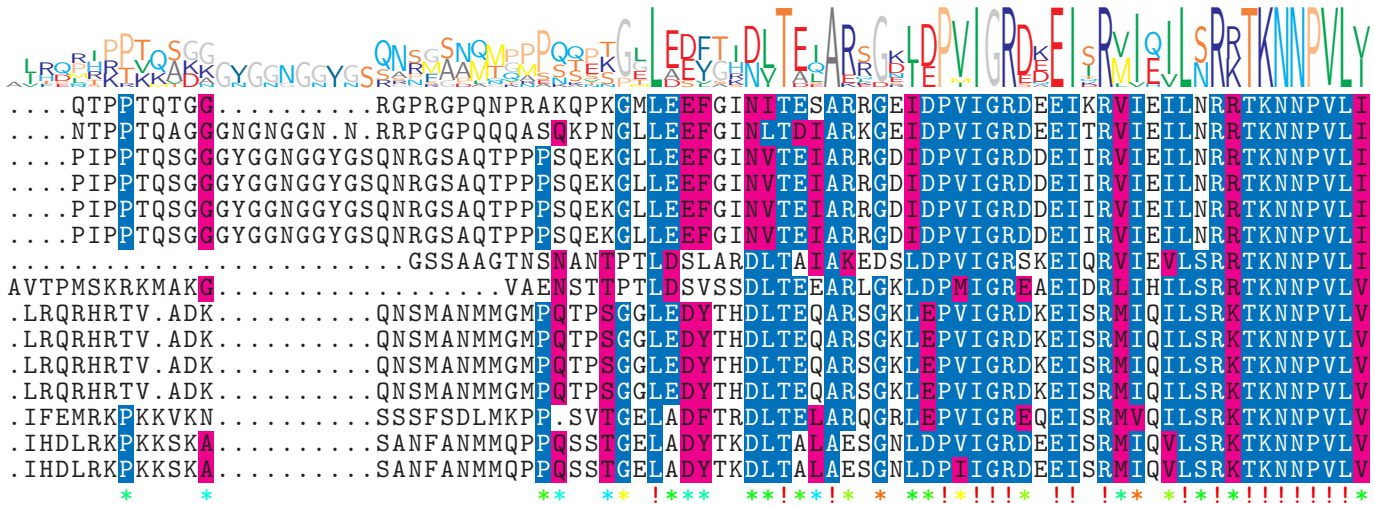


logo

NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 378 SMU RS02690 WP 002263569.1
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 241 SP RS04015 WP 000882523.1
NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 95475 QMM27 RS10125 WP 001109701.1
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 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus



logo

NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
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NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 95475 QMM27 RS10125 WP 001109701.1
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 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus



NTDB	id	601	KW2	RS02615	WP	021036805.1	E	V	T	D	E	M	P	V	I	T	E	K	D	I	E	Q	I	V	E	Q	K	I	Q	I	P	V	G	D	L	K	E	K	E	Q	T	Q	L	I	N	L	A	D	D	L	K	A	H	V	I	G	Q	D	E	A	V	D	K	I	S	K	A	I	R	R	S	R	V	G	L	G	K	P	N	R	P	I	G	S	F	L	F	V	G	P		482	
NTDB	id	378	SMU	RS02690	WP	002263569.1	K	L	D	K	E	N	T	P	V	I	T	E	K	N	I	E	V	I	V	E	Q	K	T	N	I	P	V	G	E	L	K	E	K	E	Q	S	Q	L	I	H	L	A	D	D	L	K	T	R	V	I	G	Q	D	A	A	V	D	K	I	A	K	A	I	R	R	N	R	V	G	L	G	T	P	N	R	P	I	G	S	F	L	F	V	G	P		489
NTDB	id	281	KZH43	RS03550	WP	000882517.1	K	I	T	D	Q	D	T	P	I	I	S	E	K	T	I	E	H	I	I	E	Q	K	T	N	I	P	V	G	D	L	K	E	K	E	Q	S	Q	L	I	H	L	A	E	D	L	K	S	H	V	I	G	Q	D	A	V	D	K	I	A	K	A	I	R	R	N	R	V	G	L	G	T	P	N	R	P	I	G	S	F	L	F	V	G	P		488	
NTDB	id	245	SPD	RS03860	WP	000882517.1	K	I	T	D	Q	D	T	P	I	I	S	E	K	T	I	E	H	I	I	E	Q	K	T	N	I	P	V	G	D	L	K	E	K	E	Q	S	Q	L	I	H	L	A	E	D	L	K	S	H	V	I	G	Q	D	A	V	D	K	I	A	K	A	I	R	R	N	R	V	G	L	G	T	P	N	R	P	I	G	S	F	L	F	V	G	P		488	
NTDB	id	243	SPR	RS03635	WP	000882517.1	K	I	T	D	Q	D	T	P	I	I	S	E	K	T	I	E	H	I	I	E	Q	K	T	N	I	P	V	G	D	L	K	E	K	E	Q	S	Q	L	I	H	L	A	E	D	L	K	S	H	V	I	G	Q	D	A	V	D	K	I	A	K	A	I	R	R	N	R	V	G	L	G	T	P	N	R	P	I	G	S	F	L	F	V	G	P		488	
NTDB	id	241	SP	RS04015	WP	000882523.1	K	I	T	D	Q	D	T	P	S	I	S	E	K	T	I	E	H	I	I	E	Q	K	T	N	I	P	V	G	D	L	K	E	K	E	Q	S	Q	L	I	H	L	A	E	D	L	K	S	H	V	I	G	Q	D	A	V	D	K	I	A	K	A	I	R	R	N	R	V	G	L	G	T	P	N	R	P	I	G	S	F	L	F	V	G	P		488	
NTDB	id	85	BSU	O0860	NP	387967.1	E	K	Q	G	G	E	N	S	E	V	T	V	D	I	A	M	V	V	S	S	W	T	G	V	P	V	S	K	I	A	Q	T	E	T	D	K	L	L	N	M	E	N	I	L	H	S	R	V	I	G	Q	D	E	A	V	V	A	K	A	V	R	R	A	R	A	G	L	K	D	P	K	R	P	I	G	S	F	I	F	L	G	P		546			
NTDB	id	610	V4T04	RS10165	WP	012897346.1	S	V	K	E	D	K	R	Q	E	V	T	D	Q	A	V	V	A	V	A	S	T	L	T	G	V	P	I	T	Q	M	T	K	S	E	S	D	R	L	I	N	L	K	E	L	H	K	R	V	G	Q	E	E	A	T	S	A	V	S	R	A	T	R	R	A	R	S	G	V	A	D	S	R	R	P	M	G	S	F	M	F	L	G	P		555		
NTDB	id	287	SP	RS11210	WP	001109712.1	E	V</																																																																																					

NTDB	id	601	KW2	RS02615	WP	021036805.1	TGVGKTELAKQ	LAKEL	LFGSS	ESM	IRFDMSEYMEK	HSV	AKL	I	GAPPGYVGY	EAC	QL	TEKVR	RNPYS	LILL	DETEKAHPD	VMM	FL	567																																																										
NTDB	id	378	SMU	RS02690	WP	002263569.1	TGVGKTEL	SKQL	LAI	ELFGS	EDSM	IRFDMSEYMEK	HAV	AKL	V	GAPPGYVGY	EAC	QL	TEKVR	RNPYS	LILL	DEVEKAHPD	VMM	FL	574																																																									
NTDB	id	281	KZH43	RS03550	WP	000882517.1	TGVGKTEL	SKQL	LAI	ELFGS	ADSM	IRFDMSEYMEK	HSV	AKL	V	GAPPGYVGY	EAC	QL	TEKVR	RNPYS	LILL	DEVEKAHPD	VMM	FL	573																																																									
NTDB	id	245	SPD	RS03860	WP	000882517.1	TGVGKTEL	SKQL	LAI	ELFGS	ADSM	IRFDMSEYMEK	HSV	AKL	V	GAPPGYVGY	EAC	QL	TEKVR	RNPYS	LILL	DEVEKAHPD	VMM	FL	573																																																									
NTDB	id	243	SPR	RS03635	WP	000882517.1	TGVGKTEL	SKQL	LAI	ELFGS	ADSM	IRFDMSEYMEK	HSV	AKL	V	GAPPGYVGY	EAC	QL	TEKVR	RNPYS	LILL	DEVEKAHPD	VMM	FL	573																																																									
NTDB	id	241	SP	RS04015	WP	000882523.1	TGVGKTEL	SKQL	LAI	ELFGS	ADSM	IRFDMSEYMEK	HSV	AKL	V	GAPPGYVGY	EAC	QL	TEKVR	RNPYS	LILL	DEVEKAHPD	VMM	FL	573																																																									
NTDB	id	85	BSU	O0860	NP	387967.1	TGVGKTEL	A	RAL	A	ESIF	GDE	ESM	I	R	I	D	MSEYMEK	HST	SRL	V	G	S	P	P	G	Y	V	G	Y	D	E	G	G	Q	L	T	E	K	V	R	R	K	P	Y	S	V	L	L	D	E	T	E	K	A	H	P	D	V	F	N	I	L	L	631																	
NTDB	id	610	V4T04	RS10165	WP	012897346.1	TGVGKTEL	A	K	A	L	A	D	S	V	F	G	S	E	D	N	I	R	V	D	M	S	E	F	M	E	K	H	S	T	SRL	I	G	A	P	P	G	Y	V	G	Y	D	E	G	G	Q	L	T	E	K	V	R	N	K	P	Y	S	V	L	L	D	E	V	E	K	A	H	P	D	V	F	N	I	L	L	640	
NTDB	id	287	SP	RS11210	WP	001109712.1	TGVGKTEL	A	K	A	L	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	SRL	N	G	A	P	P	G	Y	V	G	Y	E	G	G	E	L	T	E	K	V	R	N	K	P	Y	S	V	L	L	F	D	E	V	E	K	A	H	P	D	I	F	N	V	L	L	635
NTDB	id	95475	QMM27	RS10125	WP	001109701.1	TGVGKTEL	A	K	A	L	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	SRL	N	G	A	P	P	G	Y	V	G	Y	E	G	G	E	L	T	E	K	V	R	N	K	P	Y	S	V	L	L	F	D	E	V	E	K	A	H	P	D	I	F	N	V	L	L	635
NTDB	id	290	KZH43	RS10025	WP	001109677.1	TGVGKTEL	A	K	A	L	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	SRL	N	G	A	P	P	G	Y	V	G	Y	E	G	G	E	L	T	E	K	V	R	N	K	P	Y	S	V	L	L	F	D	E	V	E	K	A	H	P	D	I	F	N	V	L	L	635
NTDB	id	289	SPD	RS10700	WP	001109677.1	TGVGKTEL	A	K	A	L	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	SRL	N	G	A	P	P	G	Y	V	G	Y	E	G	G	E	L	T	E	K	V	R	N	K	P	Y	S	V	L	L	F	D	E	V	E	K	A	H	P	D	I	F	N	V	L	L	635
NTDB	id	377	SMU	RS09275	WP	002262344.1	TGVGKTEL	A	K	A	L	A	E	V	L	F	D	D	E	S	A	L	I	R	F	D	M																																																							

logo

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 95475 QMM27 RS10125 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		



-  non conserved
-  similar
-  ≥ 50% conserved