

logo

NTDB id	1323	RAOC	RS07335	WP	004916218.1	.MLV	KY	YGS	A	I	H	G	V	S	A	Q	T	T	I	E	V	N	V	D	Q	G	V	.	G	Y	H	L	V	G	L	P	D	N	A	I	K	E	S	S	H	R	I	S	A	A	L	K	N	V	G	Y	K	L	P	G	K	K	I	T	I	N	M	A	P	A	D	L	R	K	E	G	S	A		78																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
NTDB id	1271	LPP	RS03220	WP	011213198.1	M	S	L	A	F	T	K	T	R	S	T	I	G	T	V	A	Q	P	V	S	V	E	V	H	L	S	N	G	L	P	S	F	T	M	V	G	L	A	E	T	A	V	K	E	S	K	D	R	V	R	S	A	I	N	S	Q	F	E	P	P	C	R	K	I	T	V	N	L	G	P	A	N	L	P	K	T	G	S	G		80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
NTDB id	1248	GC085	RS03150	WP	011213198.1	M	S	L	A	F	T	K	T	R	S	T	I	G	T	V	A	Q	P	V	S	V	E	V	H	L	S	N	G	L	P	S	F	T	M	V	G	L	A	E	T	A	V	K	E	S	K	D	R	V	R	S	A	I	N	S	Q	F	E	P	P	C	R	K	I	T	V	N	L	G	P	A	N	L	P	K	T	G	S	G		80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
NTDB id	228970	DNNLJILF	RS02520	WP	000058957.1	M	S	L	S	I	V	H	T	R	A	A	L	G	V	N	A	P	P	I	T	V	E	V	H	I	S	K	G	L	P	G	L	T	M	V	G	L	P	E	T	T	V	K	E	A	R	D	R	V	R	S	A	I	N	S	G	Y	E	P	A	K	K	I	T	I	N	L	A	P	A	D	L	P	K	E	G	G	R		80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB id	1153	A1552VC	RS00115	WP	000521788.1	M	G	L	A	I	H	S	R	A	S	I	G	V	Q	A	P	P	V	T	V	E	V	H	I	S	N	G	M	P	G	F	T	L	V	G	L	P	E	T	T	V	K	E	S	R	D	R	V	R	S	A	I	N	S	R	F	E	P	P	A	K	R	I	T	V	N	L	A	P	A	D	L	P	K	E	G	G	R		80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB id	1397	DSB67	RS15690	WP	005535577.1	M	G	L	A	I	H	S	R	A	S	I	G	V	Q	A	P	P	V	S	V	E	V	H	I	S	N	G	M	P	G	F	T	L	V	G	L	P	E	T	T	V	K	E	S	K	D	R	V	R	S	A	I	V	N	S	N	F	Q	F	P	A	K	R	I	T	V	N	L	A	P	A	D	L	P	K	E	G	G	R		80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
NTDB id	1349	HI	1117	AAC22771.1	M	S	L	A	I	V	S	R	A	S	M	G	V	Q	A	P	L	V	T	I	E	V	H	I	S	N	G	K	P	G	F	T	L	V	G	L	P	E	K	T	V	K	E	A	Q	D	R	V	R	S	A	L	M	N	A	Q	F	K	Y	P	A	K	R	I	T	V	N	L	A	P	A	D	L	P	K	E	G	G	R		80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB id	1387	A4U84	RS06900	WP	020457569.1	M	S	L	A	I	V	S	R	A	S	I	G	V	E	A	P	L	V	T	I	E	V	H	I	S	G	G	S	P	G	L	T	L	V	G	L	P	E	K	S	V	K	E	A	Q	D	R	V	R	S	A	L	M	N	A	N	F	D	Y	P	A	R	R	I	T	I	N	L	A	P	A	D	L	P	K	E	G	G	R		80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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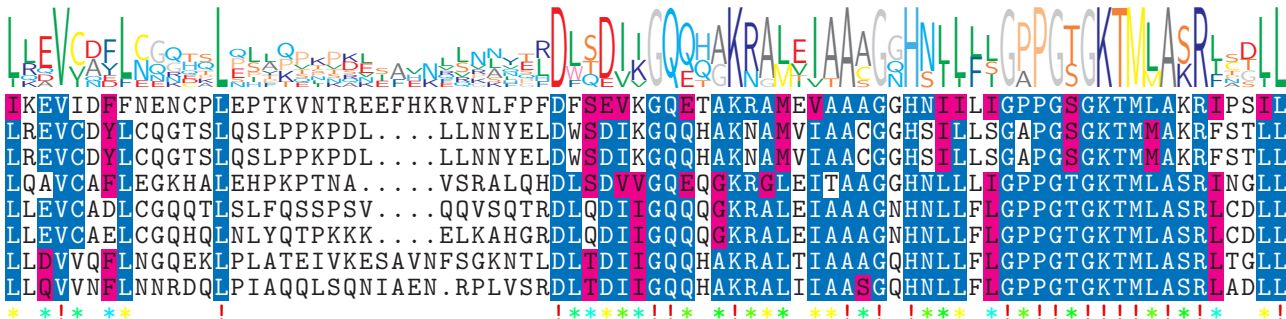
logo

NTDB id 1323 RAOC RS07335 WP 004916218.1	YDLS	I	A	L	G	I	L	A	A	S	G	Q	I	A	P	E	T	E	R	V	L	I	M	G	E	L	S	I	D	G	G	L	Q	P	I	K	G	V	L	P	I	A	I	R	A	R	E	E	G	F	K	G	I	I	L	P	K	Q	N	T	R	E	A	A	I	V	N	D	L	E	V	Y	G	V	E	N	158																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
NTDB id 1271 LPP RS03220 WP 011213198.1	F	D	L	P	I	A	L	G	I	L	A	A	S	E	Q	I	P	L	T	N	L	A	N	H	E	F	I	G	E	L	A	S	G	E	L	R	G	V	S	A	I	P	A	V	L	A	A	H	K	D	.	N	Q	H	L	I	I	A	N	A	A	E	A	S	L	T	G	H	Q	K	V	F	T	A	N	159																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
NTDB id 1248 GC085 RS03150 WP 011213198.1	F	D	L	P	I	A	L	G	I	L	A	A	S	E	Q	I	P	L	T	N	L	A	N	H	E	F	I	G	E	L	A	S	G	E	L	R	G	V	S	A	I	P	A	V	L	A	A	H	K	D	.	N	Q	H	L	I	I	A	N	A	A	E	A	S	L	T	G	H	Q	K	V	F	T	A	N	159																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
NTDB id 228970 DNNLJILF RS02520 WP 000058957.1	Y	D	L	P	I	A	L	G	I	L	A	A	S	E	Q	I	P	L	T	N	L	A	N	H	E	F	I	G	E	L	A	S	G	E	L	R	G	V	S	A	I	P	A	V	L	A	A	H	K	D	.	N	Q	H	L	I	I	A	N	A	A	E	A	S	L	T	G	H	Q	K	V	F	T	A	N	159																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
NTDB id 1153 A1552VC RS00115 WP 000521788.1	F	D	L	P	I	A	L	G	I	L	A	A	S	E	Q	I	A	R	N	K	L	E	S	Y	E	F	I	G	E	L	A	S	G	E	I	R	G	V	K	G	V	L	P	A	A	L	A	N	Q	V	.	E	R	C	L	V	V	P	H	S	N	G	D	Q	A	A	L	V	G	V	E	R	H	K	S	A	Q	S	159																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
NTDB id 1397 DSB67 RS15690 WP 005535577.1	F	D	L	P	I	A	L	G	I	L	A	A	S	E	Q	I	A	T	D	K	L	K	N	Y	E	F	V	G	E	L	A	S	G	E	L	R	T	V	K	G	V	L	P	A	A	L	A	N	K	K	.	Q	R	H	L	V	V	P	H	A	N	G	D	Q	A	A	L	V	G	K	E	Q	H	K	S	A	Q	S	159																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
NTDB id 1349 HI 1117 AAC22771.1	F	D	L	P	I	A	L	G	I	L	A	A	S	E	Q	I	L	D	A	S	H	K	Q	F	E	F	V	A	E	L	A	L	T	G	E	L	R	G	V	H	G	V	I	P	A	I	L	A	A	Q	K	S	.	K	R	E	L	I	I	A	K	Q	N	A	N	E	A	S	L	V	S	D	Q	N	T	Y	F	A	Q	T	159																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB id 1387 A4U84 RS06900 WP 020457569.1	F	D	L	P	I	A	L	G	I	L	A	A	S	E	Q	I	D	S	D	K	L	K	R	I	E	L	L	G	E	L	S	L	T	G	H	L	R	G	V	H	G	A	I	P	A	V	L	A	A	K	S	.	K	R	E	I	V	P	Q	N	A	N	E	V	S	L	V	S	N	T	Q	T	Y	F	A	Q	T	159																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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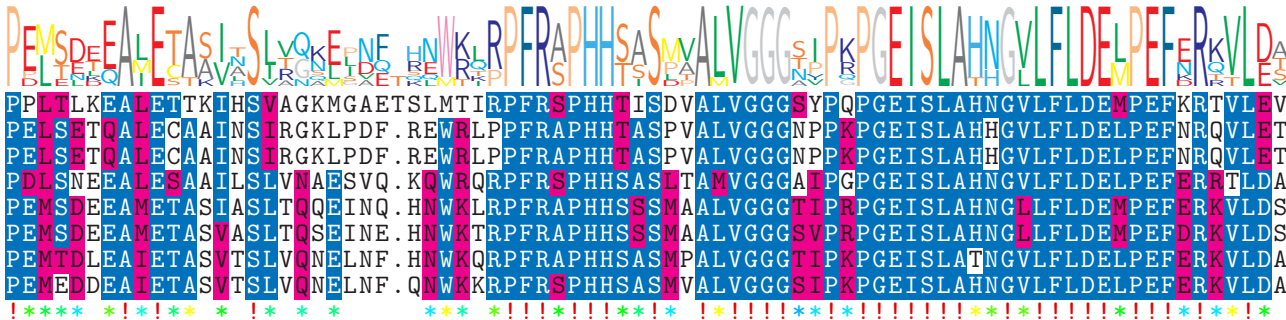
logo

NTDB id 1323 RAOC RS07335 WP 004916218.1	LKEVIDDFNENCP	LEPTKVN	TREEFH	KRVNLF	FPDFSEVKGQETAKRAME	VAAAGGHNIIL	IGPPGS	SGKTM	LAKRIPS	IL	238				
NTDB id 1271 LPP RS03220 WP 011213198.1	LREVC DYLCQGTSL	QSLPPK	PDL...LLNNYEL	DWSDIKGQ	HAKNAMV	IAACGGHS	ILLSG	APGS	SGKTM	MAKR	FSTLL	235			
NTDB id 1248 GC085 RS03150 WP 011213198.1	LREVC DYLCQGTSL	QSLPPK	PDL...LLNNYEL	DWSDIKGQ	HAKNAMV	IAACGGHS	ILLSG	APGS	SGKTM	MAKR	FSTLL	235			
NTDB id 228970 DNNLJILF RS02520 WP 000058957.1	LQAVCAEL	LEGKHAL	EHPKPTNA...VSRAL	QHDLS	DDVVGGEEQ	KRGLE	ITAAGGH	NLLF	IGPPGT	GKTM	LASRL	INGLL	234		
NTDB id 1153 A1552VC RS00115 WP 000521788.1	LLEVCADL	CGQQTSL	SLFQSSPSV...QQVSQ	TRDLQDI	IGQQQ	CKRALE	IAAAGN	HNNLLF	LGPPGT	GKTM	LASRL	CDLL	235		
NTDB id 1397 DSB67 RS15690 WP 005535577.1	LLEVC AELCGQHQL	NLYQTP	KKK...ELKAHGR	DLQDI	IGQQQ	CKRALE	IAAAGN	HNNLLF	LGPPGT	GKTM	LASRL	CDLL	235		
NTDB id 1349 HI 1117 AAC22771.1	LLEDVVQFL	NGQEK	LPLATEIV	KESAVN	FSGKNTL	DLTDI	IGQQH	AKRAL	TIAAAGQ	HNNLLF	LGPPGT	GKTM	LASRL	TGLL	239
NTDB id 1387 A4U84 RS06900 WP 020457569.1	LLQV VNEFL	NNRDQL	PIAQL	LSQNI	AEN.RPLVSR	DLTDI	IGQQH	AKRAL	TIAASGQ	HNNLLF	LGPPGT	GKTM	LASRL	IADLL	238
consensus	* * ! * * *	!			! * * * * ! * *	* ! * * *	* * * ! *	! * * *	* ! * ! * ! * ! * ! * ! * ! *	* !					



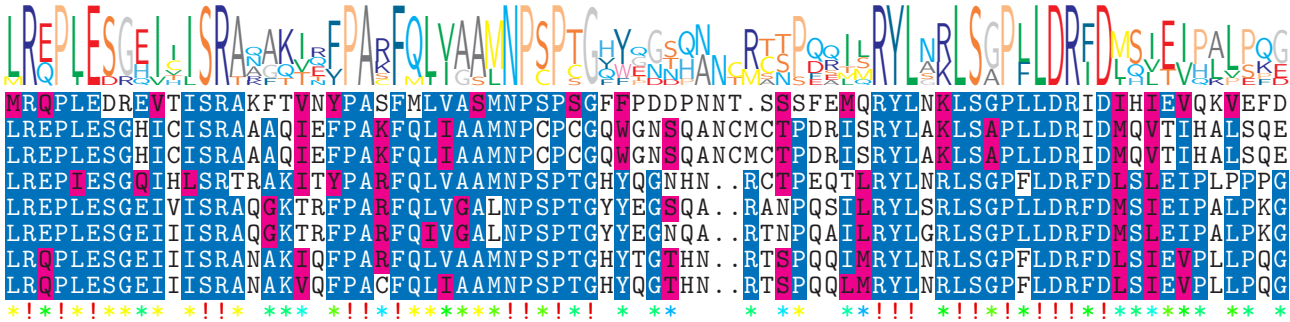
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NTDB id 1323 RAOC RS07335 WP 004916218.1	PPLTLKLEALETTHSVAGKMGAEETSLMTIRPFRSPHHTISDVALVGGGSYPQPGGEISLAHNGVLFLEDEMPFEKRTVLEEV	318
NTDB id 1271 LPP RS03220 WP 011213198.1	PELSETGALCAAINSRGKLPDF.REWRLLPFRAPHHTASPVALVGGGNPKPKPGEISLAHGVLFLEDELPEFNRRQVLET	314
NTDB id 1248 GC085 RS03150 WP 011213198.1	PELSETGALCAAINSRGKLPDF.REWRLLPFRAPHHTASPVALVGGGNPKPGEISLAHGVLFLEDELPEFNRRQVLET	314
NTDB id 228970 DNNLJILF RS02520 WP 000058957.1	PDLSNBEALESAAILSLVMAESVQ.KCWRQRPFRSPHHSASLTAMVGGGAIPGPGEISLAHNGVLFLEDELPEFERRTLDA	313
NTDB id 1153 A1552VC RS00115 WP 000521788.1	PEMSDEEAMETASIASLTQQEINQ.HNWKLRPFRAPHHSSSMAALVGGGTIPRPPGEISLAHNGLLFLEDEMPFEFERKVLS	314
NTDB id 1397 DSB67 RS15690 WP 005535577.1	PEMSDEEAMETASVASTLTQSEINE.HNWKTRPFRAPHHSSSMAALVGGGSVPRPPGEISLAHNGLLFLEDEMPFEFDRKVLS	314
NTDB id 1349 HI 1117 AAC22771.1	PEMTDLEAETASVTSLVQNELNF.HNWKQRPFRAPHHSSAMPALVGGGTIPKPKGEISLATNGVLFLEDELPEFERKVDA	318
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consensus	!*** *!*!* * !* * * **** *!!!!!!*!* *!!!!!!*!*!!!!!!*!*!!!!!!*!*!!!!!!	



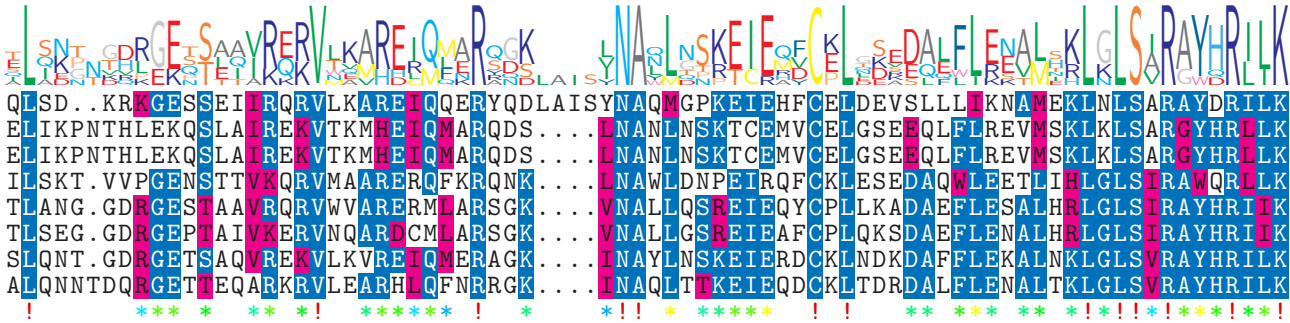
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NTDB id 1397 DSB67 RS15690 WP 005535577.1
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consensus



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NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus



☒ non conserved
☒ similar
☒ ≥ 50% conserved