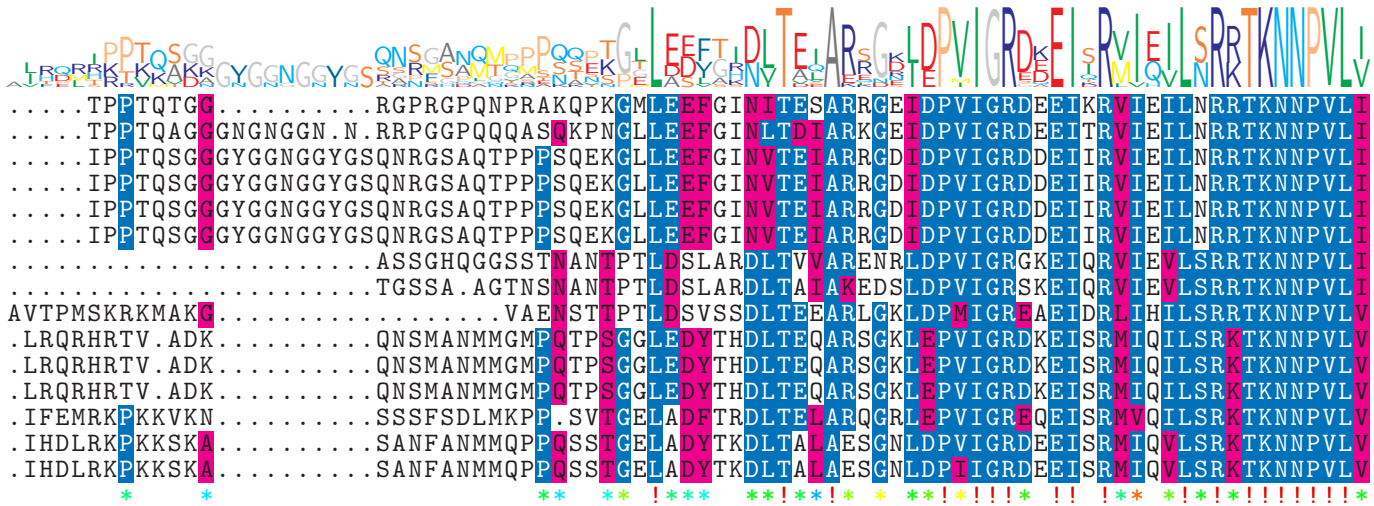


logo

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 131351 BF90 RS18970 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



151
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157
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208
207
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233
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240

logo

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 131351 BF90 RS18970 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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325

logo

NTDB id 601 KW2 RS02615 WP 021036805.1	GNMDAGNILKPALARGEELQLVGATTTLNEYR.IIEKDAALERRMQPVKVDEPSVDETITILRGIQARYEDYHHVKYTDEAIEAAAH	320
NTDB id 378 SMU RS02690 WP 002263569.1	GNMDAGNILKPALARGEELQLVGATTTLNEYR.IIEKDAALERRMQPVKVDEPSVAETITILKGIQPKYEDYHHVKYTDEAIEAAAN	327
NTDB id 241 SP RS04015 WP 000882523.1	GNMDAGNILKPALARGEELQLVGATTTLNEYR.IIEKDAALERRMQPVKVDEPTVDETITILKGIQKKYEDYHHVQYTDAAIEAAAT	326
NTDB id 281 KZH43 RS03550 WP 000882517.1	GNMDAGNILKPALARGEELQLVGATTTLNEYR.IIEKDAALERRMQPVKVDEPTVDETITILKGIQKKYEDYHHVQYTDAAIEAAAT	326
NTDB id 245 SPD RS03860 WP 000882517.1	GNMDAGNILKPALARGEELQLVGATTTLNEYR.IIEKDAALERRMQPVKVDEPTVDETITILKGIQKKYEDYHHVQYTDAAIEAAAT	326
NTDB id 243 SPR RS03635 WP 000882517.1	GNMDAGNILKPALARGEELQLVGATTTLNEYR.IIEKDAALERRMQPVKVDEPTVDETITILKGIQKKYEDYHHVQYTDAAIEAAAT	326
NTDB id 131351 BF90 RS18970 WP 000971179.1	GAIDASNILKPSLARGEELQCIGATTTLDEYRKYIEKDAALERRFQPIHVDEPSLDESTQILKGLRDRYEAAHHRVSIITDDAIDAAVK	377
NTDB id 85 BSU 00860 NP 387967.1	GAIDASNILKPSLARGEELQCIGATTTLDEYRKYIEKDAALERRFQPIQVDQPSVDESIQILQGLRDRYEAAHHRVSIITDDAIEAAVK	376
NTDB id 610 V4T04 RS10165 WP 012897346.1	SVNDAANILKPALARGDFQMVGATTYHEYQKYIEKDEALERRLARINVDEPSPDEAIAILQGLREKFEDYHQVKFTDQAIKSAVM	390
NTDB id 290 KZH43 RS10025 WP 001109677.1	STLDAANILKPALARGTLRTVGATTQEEYQKHIEKDAALSRRFAKVTIEEPSVADSMTILQGLKATYEKHHRVQITDEAVETAVK	403
NTDB id 289 SPD RS10700 WP 001109677.1	STLDAANILKPALARGTLRTVGATTQEEYQKHIEKDAALSRRFAKVTIEEPSVADSMTILQGLKATYEKHHRVQITDEAVETAVK	403
NTDB id 287 SP RS11210 WP 001109712.1	STLDAANILKPALARGTLRTVGATTQEEYQKHIEKDAALSRRFAKVTIEEPSVADSMTILQGLKATYEKHHRVQITDEAVETAVK	403
NTDB id 377 SMU RS09275 WP 002262344.1	STLDAANILKPALARGSLRTIGATTQEEYQKHIEKDAALSRRFAKVTIEEPSEEEAYQILLGLKKSYYETYYHHVVISDAAVMAAVK	407
NTDB id 297 STER RS00545 WP 011680614.1	STLDAANILKPALARGTLHVMVGATTQAHEYQKHIEKDAALSRRFAKITIEEPSVSEATDILNGLRSSYEDYHRVTITDAAVETAVK	410
NTDB id 329 STU RS10020 WP 011225298.1	STLDAANILKPALARGTLHVMVGATTQAHEYQKHIEKDAALSRRFAKITIEEPSVSEATDILNGLRSSYEDYHRVTITDAAVETAVK	410
consensus	*!!!!!!!!*!!!!*****!!!!!! !! * !!!!!*!!!!!! * ****!*****!! !** *!****! *! !****!	

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NTDB id 601 KW2 RS02615 WP 021036805.1	LSNRYIQDRFLPDKAIDLDEAGSKVRLRSYTTTPNLKELEVKLEEIRKEKDAAVQSQEFKAAASLRDMEQRLREKLEDTKRQWK	397
NTDB id 378 SMU RS02690 WP 002263569.1	LSNRYIQDRFLPDKAIDLDEAGSKMNLTLNFV..DPKEIDHRLIEAENLKAQATRDDEYEKAAYFRDQIAKYKEMQS.....A	404
NTDB id 241 SP RS04015 WP 000882523.1	LSNRYIQDRFLPDKAIDLDEAGSKMNLTLNFV..DPKVIDQRLIEAENLKSQATREEDFEKAAYFRDQIAKYKEMQK.....K	403
NTDB id 281 KZH43 RS03550 WP 000882517.1	LSNRYIQDRFLPDKAIDLDEAGSKMNLTLNFV..DPKVIDQRLIEAENLKSQATREEDFEKAAYFRDQIAKYKEMQK.....K	403
NTDB id 245 SPD RS03860 WP 000882517.1	LSNRYIQDRFLPDKAIDLDEAGSKMNLTLNFV..DPKVIDQRLIEAENLKSQATREEDFEKAAYFRDQIAKYKEMQK.....K	403
NTDB id 243 SPR RS03635 WP 000882517.1	LSNRYIQDRFLPDKAIDLDEAGSKMNLTLNFV..DPKVIDQRLIEAENLKSQATREEDFEKAAYFRDQIAKYKEMQK.....K	403
NTDB id 131351 BF90 RS18970 WP 000971179.1	LSDRYITDRFLPDKAIDLIDEAASKVRLRSYTTTPNLKELEVKLEEIRKEKDAAVQSQEFKAAASLRDMEQRLREKLEDTKRQWK	462
NTDB id 85 BSU 00860 NP 387967.1	LSDRYISDRFLPDKAIDLIDEAGSKVRLRSFTTPPNLKELEQKLDEVRKEKDAAVQSQEFKAAASLRDTEQRLREQVEDTKKSWK	461
NTDB id 610 V4T04 RS10165 WP 012897346.1	LSVRYMTSRKLPDKAIDLDEAAAARKISVKNQQTGRDLLEKELAEAEQEELSEAVIKLDIKASRTKEKAVEKIADKIYKFS....	471
NTDB id 290 KZH43 RS10025 WP 001109677.1	MAHRYLTSRHLPDSAIDLDEAAATVQNKAKHVKADDSDL....S....PADKALMDGKWKQAAQLIAKEE.....E....	467
NTDB id 289 SPD RS10700 WP 001109677.1	MAHRYLTSRHLPDSAIDLDEAAATVQNKAKHVKADDSDL....S....PADKALMDGKWKQAAQLIAKEE.....E....	467
NTDB id 287 SP RS11210 WP 001109712.1	MAHRYLTSRHLPDSAIDLDEAAATVQNKAKHVKADDSDL....S....PADKALMDGKWKQAAQLIAKEE.....E....	467
NTDB id 377 SMU RS09275 WP 002262344.1	GAHRYLSGNLPSAIDLDEASATVQGLVKK..KAPAYL....T....DLDHALITNDYQLAKRLLKKEK.....K....	469
NTDB id 297 STER RS00545 WP 011680614.1	AAHRYLTSKNLPDSAIDLDEASATVQVRKK..EDKREI....T....PLDEALISGDIGAAVKQYKANQ.....K....	472
NTDB id 329 STU RS10020 WP 011225298.1	AAHRYLTSKNLPDSAIDLDEASATVQVRKK..EAKREI....T....PLDEALISGDIGAAVKQYKANQ.....K....	472
consensus	** !!!!! * !!!!!*!!!!!!*!!!!* **** * * * **** * * !* ** *	

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NTDB	id	601	KW2	RS02615	WP	021036805.1	E	V	T	D	E	M	P	V	I	T	E	K	D	I	E	Q	V	E	Q	K	T	Q	I	P	V	G	D	L	K	E	K	E	Q	T	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	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	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	281	KZH43	RS03550	WP	000882517.1	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	245	SPD	RS03860	WP	000882517.1	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	243	SPR	RS03635	WP	000882517.1	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	131351	BF90	RS18970	WP	000971179.1	E	Q	Q	G	K	E	N	S	E	V	T	V	E	D	I	A	N	V	V	S	T	W	T	R	I	P	V	S	K	L	A	Q	T	E	T	D	K	L	L	N	L	E	S	I	L	H	D	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		547																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
NTDB	id	85	BSU	O0860	NP	387967.1	E	K	Q	G	K	E	N	S	E	V	T	V	D	D	I	A	M	V	V	S	S	W	T	G	V	P	V	S	K	L	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	.	V	K	E	D	K	R	Q	E	V	T	D	Q	A	V	V	A	S	T	L	T	G	V	P	T	Q	M	T	K	S	E	S	D	R	L	I	N	L	E	K	E	L	H	K	R	V	G	Q	E	E	A	T	S	A	V	S	R	A	I	R	R	A	R	S	G	V	A	D	S	R	P	M	G	S	F	M	F	L	G	P		555																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
NTDB	id	290	KZH43	RS10025	WP	001109677.1	.	V	P	V	.	Y	K	D	L	V	T	E	S	D	I	L	T	T	L	S	R	L	S	G	I	P	V	Q	K	L	T	Q	D	A	K	K	Y	L	N	L	E	A	E	L	H	K	R	V	I	G	Q	D	A	V	S	S	T	S	R	A	I	R	N	Q	S	G	I	R	S	H	K	R	P	I	G	S	F	M	F	L	G	P		550																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
NTDB	id	289	SPD	RS10700	WP	001109677.1	.	V	P	V	.	Y	K	D	L	V	T	E	S	D	I	L	T	T	L	S	R	L	S	G	I	P	V	Q	K	L	T	Q	D	A	K	K	Y	L	N	L	E	A	E	L	H	K	R	V	I	G	Q	D	A	V	S	S	T	S	R	A	I	R	N	Q	S	G	I	R	S	H	K	R	P	I	G	S	F	M	F	L	G	P		550																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
NTDB	id	287	SP	RS11210	WP	001109712.1	.	V	P	V	.	Y	K	D	L	V	T	E	S	D	I	L	T	T	L	S	R	L	S	G	I	P	V	Q	K	L	T	Q	D	A	K	K	Y	L	N	L	E	A	E	L	H	K	R	V	I	G	Q	D	A	V	S	S	T	S	R	A	I	R	N	Q	S	G	I	R	S	H	K	R	P	I	G	S	F	M	F	L	G	P		550																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
NTDB	id	377	SMU	RS09275	WP	002262344.1	.	P	L	L	K	K	R	A	E	V	K	E	E	D	I	L	A	T	L	S	K	L	S	G	I	P	V	K	L	T	Q	A	D	S	K	K	Y	L	N	L	E	R	E	L	H	K	R	V	I	G	Q	D	A	V	S	S	T	S	R	A	I	R	N	Q	S	G	I	R	V	G	K	R	P	I	G	S	F	M	F	L	G	P		553																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
NTDB	id	329	STER	RS00545	WP	011680614.1	.	A	K	F	P	K	P	A	L	V	D	A	D	Q	I	M	Q	T	L	S	R	L	S	G	I	P	V	E	K	M	T	Q	T	D	S	K	R	Y	L	N	L	E	S	E	L	H	K	R	V	I	G	Q	D	E	A	V	S	A	T	S	R	A	I	R	N	Q	S	G	I	R	T	G	K	R	P	I	G	S	F	M	F	L	G	P		556																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB	id	297	STU	RS10020	WP	011225298.1	.	A	K	F	P	K	P	A	L	V	D	A	D	Q	I	M	Q	T	L	S	R	L	S	G	I	P	V	E	K	M	T	Q	T	D	S	K	R	Y	L	N	L	E	S	E	L	H	K	R	V	I	G	Q	D	E	A	V	S	A	T	S	R	A	I	R	N	Q	S	G	I	R	T	G	K	R	P	I	G	S	F	M	F	L	G	P		556																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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NTDB	id	601	KW2	RS02615	WP	021036805.1	TGVGKTELAKQ	LAKEL	LFGSS	ES	MIR	FDM	SEYMEKH	SV	AK	L	GAPP	GV	VG	Y	EE	AG	QL	TE	R	VR	N	P	YS	L	ILL	DE	I	E	KA	HP	DV	MH	M	F	L	567																																																																																																																																																																																																																																																																																																																																																																																																																								
NTDB	id	378	SMU	RS02690	WP	002263569.1	TGVGKTEL	SKQLAI	EL	LFGS	ED	S	MIR	FDM	SEYMEKH	AV	AK	L	V	GAPP	GV	VG	Y	EE	AG	QL	TE	K	V	R	N	P	YS	L	ILL	DE	VE	KA	HP	DV	MH	M	F	L	574																																																																																																																																																																																																																																																																																																																																																																																																																					
NTDB	id	241	SP	RS04015	WP	000882523.1	TGVGKTEL	SKQLAI	EL	LFGS	AD	S	MIR	FDM	SEYMEKH	SV	AK	L	V	GAPP	GV	VG	Y	DE	AG	QL	TE	K	V	R	H	N	P	YS	L	ILL	DE	VE	KA	HP	DV	MH	M	F	L	573																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB	id	281	KZH43	RS03550	WP	000882517.1	TGVGKTEL	SKQLAI	EL	LFGS	AD	S	MIR	FDM	SEYMEKH	SV	AK	L	V	GAPP	GV	VG	Y	DE	AG	QL	TE	K	V	R	H	N	P	YS	L	ILL	DE	VE	KA	HP	DV	MH	M	F	L	573																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB	id	245	SPD	RS03860	WP	000882517.1	TGVGKTEL	SKQLAI	EL	LFGS	AD	S	MIR	FDM	SEYMEKH	SV	AK	L	V	GAPP	GV	VG	Y	DE	AG	QL	TE	K	V	R	H	N	P	YS	L	ILL	DE	VE	KA	HP	DV	MH	M	F	L	573																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB	id	243	SPR	RS03635	WP	000882517.1	TGVGKTEL	SKQLAI	EL	LFGS	AD	S	MIR	FDM	SEYMEKH	SV	AK	L	V	GAPP	GV	VG	Y	DE	AG	QL	TE	K	V	R	H	N	P	YS	L	ILL	DE	VE	KA	HP	DV	MH	M	F	L	573																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB	id	131351	BF90	RS18970	WP	000971179.1	TGVGKTEL	A	R	A	L	A	ES	M	F	G	DE	D	A	M	I	R	I	D	M	SEYMEKH	ST	S	R	L	V	C	S	P	P	G	V	Y	G	Y	E	G	G	Q	L	TE	K	V	R	K	P	Y	S	V	L	L	DE	VE	KA	HP	DV	F	N	I	L	632																																																																																																																																																																																																																																																																																																																																																																																																
NTDB	id	85	BSU	00860	NP	387967.1	TGVGKTEL	A	R	A	L	A	ES	I	F	G	DE	E	S	M	I	R	I	D	M	SEYMEKH	ST	S	R	L	V	C	S	P	P	G	V	Y	G	Y	E	G	G	Q	L	TE	K	V	R	K	P	Y	S	V	L	L	DE	I	E	KA	HP	DV	F	N	I	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	M	I	R	V	D	M	S	E	F	M	E	K	H	ST	S	R	L	I	G	A	P	P	G	V	Y	G	Y	E	G	G	Q	L	TE	R	V	R	N	K	P	Y	S	V	L	L	DE	VE	KA	HP	DV	F	N	I	L	640																																																																																																																																																																																																																																																																																																																																																																																							
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	SEYMEK	F	A	A	S	R	L	N	G	A	P	P	G	V	Y	G	Y	E	G	G	E	L	TE	K	V	R	N	K	P	Y	S	V	L	F	D	VE	KA	HP	I	F	N	V	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	SEYMEK	F	A	A	S	R	L	N	G	A	P	P	G	V	Y	G	Y	E	G	G	E	L	TE	K	V	R	N	K	P	Y	S	V	L	F	D	VE	KA	HP	I	F	N	V	L	635																																																																																																																																																																																																																																																																																																																																																																																											
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	SEYMEK	F	A	A	S	R	L	N	G	A	P	P	G	V	Y	G	Y	E	G	G	E	L	TE	K	V	R	N	K	P	Y	S	V	L	F	D	VE	KA	HP	I	F	N	V	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	SEYMEK	F	A	A	S	R	L	N	G	A	P	P	G	V	Y	G	Y	E	G	G	E	L	TE	K	V	R	N	K	P	Y	S	V	L	F	D	VE	KA	HP	I	F	N	V	L	638																																																																																																																																																																																																																																																																																																																																																																																											
NTDB	id	329	STER	RS00545	WP	011680614.1	TGVGKTEL	A	K	A	L	A	E	V	L	F	D	D	E	S	A	L	I	R	F	D	M	SEYMEK	F	A	A	S	R	L	N	G	A	P	P	G	V	Y	G	Y	E	G	G	E	L	TE	K	V	R	N	K	P	Y	S	V	L	F	D	I	E	KA	HP	I	F	N	V	L	641																																																																																																																																																																																																																																																																																																																																																																																										
NTDB	id	297	STU	RS10020	WP	011225298.1	TGVGKTEL	A	K	A	L	A	E	V	L	F	D	D	E	S	A	L	I	R	F	D	M	SEYMEK	F	A	A	S	R	L	N	G	A	P	P	G	V	Y	G	Y	E	G	G	E	L	TE	K	V	R	N	K	P	Y	S	V	L	F	D	I	E	KA	HP	I	F	N	V	L	641																																																																																																																																																																																																																																																																																																																																																																																										
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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
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 131351 BF90 RS18970 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
NTDB id 290 KZH43 RS10025 WP 001109677.1	KFDIA.....	810
NTDB id 289 SPD RS10700 WP 001109677.1	KFDIA.....	810
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