

logo

NTDB id 601 KW2 RS02615 WP 021036805.1	MLCQNCNINEAT.....I	13
NTDB id 281 KZH43 RS03550 WP 000882517.1	MLCQNCNKINDST.....I	13
NTDB id 245 SPD RS03860 WP 000882517.1	MLCQNCNKINDST.....I	13
NTDB id 243 SPR RS03635 WP 000882517.1	MLCQNCNKINDST.....I	13
NTDB id 241 SP RS04015 WP 000882523.1	MLCQNCNKINDST.....I	13
NTDB id 64542 SPB RS04785 WP 003102350.1	MLCQNCQLNEAS.....I	13
NTDB id 378 SMU RS02690 WP 002263569.1	MLCQNCNKINEAT.....I	13
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEGIAAKALQALGLGSEKIQKEVESLIG.....RGQEMS	75
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYTPTLDRILEKAEEYAHQYQYGTIESAHLILAAMATTSGSIAYSLLAGMNVDSDDLIDL.....EDLSSHVKVKR	77
NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 377 SMU RS09275 WP 002262344.1	MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAILAIGKKPKSSSN..DI	79
NTDB id 297 STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLEAERFESPFLWTWVLLAMVEVTGSAVYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLSESDII	81
NTDB id 329 STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFLWTWVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLSESDII	81
consensus	* * *	*

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NTDB id 601 KW2 RS02615 WP 021036805.1	HLYTSVNGCQKQIDLCQ.....NCYQIMKSG..GQEALFGAGNASNGNSDIPFNPFND..IFSALQGG.QDFNGAAS	79
NTDB id 281 KZH43 RS03550 WP 000882517.1	HLYTNLNGCKKQIDLCQ.....NCYKIIKTD..PNNSLFGKMTDLNNRDFDP...FGDFFNDLNNFRPSSN..T	75
NTDB id 245 SPD RS03860 WP 000882517.1	HLYTNLNGCKKQIDLCQ.....NCYKIIKTD..PNNSLFGKMTDLNNRDFDP...FGDFFNDLNNFRPSSN..T	75
NTDB id 243 SPR RS03635 WP 000882517.1	HLYTNLNGCKKQIDLCQ.....NCYKIIKTD..PNNSLFGKMTDLNNRDFDP...FGDFFNDLNNFRPSSN..T	75
NTDB id 241 SP RS04015 WP 000882523.1	HLYTNLNGCKKQIDLCQ.....NCYKIIKTD..PNNSLFGKMTDLNNRDFDP...FGDFFNDLNNFRPSSN..T	75
NTDB id 64542 SPB RS04785 WP 003102350.1	HLYTNVNGCKKQIDLCQ.....NCYQIMKTD..ANNSILGGIGSRSEKKQDPMNPFDDFFGDLNNFRSFGN..L	79
NTDB id 378 SMU RS02690 WP 002263569.1	HLYANVNGCQKQIDLCQ.....NCYQIMKTD..PENGLNHL...SQQNSSSINPFDDFFGDLNNFRFNNQDL	78
NTDB id 85 BSU 00860 NP 387967.1	QTIHYTPRAKKVIELSMDEARKLGHSYVGTEHILLGLIREGEGVAARVLNNLGVSLNKARQQV..LQL.....LGSNET..	147
NTDB id 610 V4T04 RS10165 WP 012897346.1	STLRFSPRAEVEVMTAASFLAIHNNSEAVGTEHLLYALLQVEDGFGQLKL.....QKI..NIVSLRKELEKRTGLKVPES	151
NTDB id 290 KZH43 RS10025 WP 001109677.1	TELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQV..KIAALRRNLEERAGWTREDL	158
NTDB id 289 SPD RS10700 WP 001109677.1	TELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQV..KIAALRRNLEERAGWTREDL	158
NTDB id 287 SP RS11210 WP 001109712.1	TELPFSRRLQVLFDEAEYVASVVHAKVLGTEHVLYAILHDSNALATRILERAGFSYEDKKDQV..KIAALRRNLEERAGWTREDL	158
NTDB id 377 SMU RS09275 WP 002262344.1	MLLEQSHALKRTLAEEAAISQVTHAKEVGTEHVLFAMLLNPNLLATRILELVGFHAKDDGESI..RLLDLRKVIERYAGFSKEDI	162
NTDB id 297 STER RS00545 WP 011680614.1	DLRAQSPALEAMLQEAQEIASVTGAVEVGSEHVLMAFLLHKDLMVCRILLEVAGFQYKDDSDKP..RIIDLRRSLERNAGLSKQDL	164
NTDB id 329 STU RS10020 WP 011225298.1	DLRAQSPALEAMLQEAQGIIASVTGAVEVGSEHVLMAFLLHKDLMVCRILLEVAGFQYKDDSDKP..RIIDLRRSLERNAGLSKQDL	164
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NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
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NTDB id 601 KW2 RS02615 WP 021036805.1
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NTDB id 377 SMU RS09275 WP 002262344.1
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NTDB id 329 STU RS10020 WP 011225298.1
consensus

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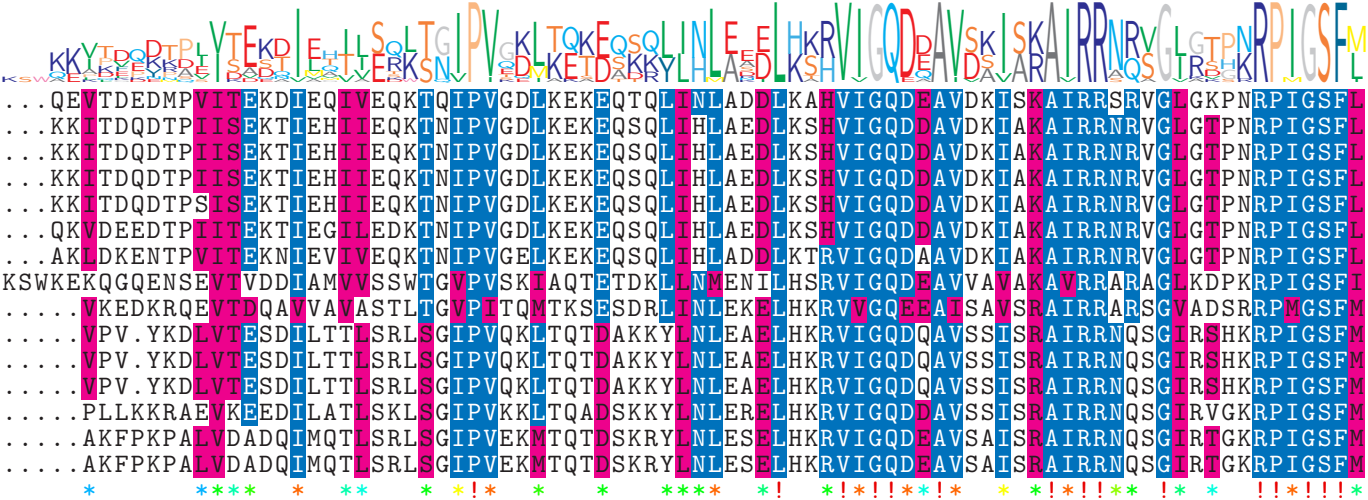
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NTDB	id	281	KZH43	RS03550	WP	000882517.1	SASDGNM	DAGN	NILK	PALARGE	ELQL	VGATT	LNEYR	.I	IEKDAAL	ERRMQP	VKV	DEPTV	DET	ITIL	KG	I	QKKY	E	DYH	HV	QYT	DA	A	E	322																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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NTDB	id	241	SP	RS04015	WP	000882523.1	SASDGNM	DAGN	NILK	PALARGE	ELQL	VGATT	LNEYR	.I	IEKDAAL	ERRMQP	VKV	DEPTV	DET	ITIL	KG	I	QKKY	E	DYH	HV	QYT	DA	A	E	322																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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NTDB	id	378	SMU	RS02690	WP	002263569.1	SAGDGNM	DAGN	NILK	PALARGE	ELQL	VGATT	LNEYR	.I	IEKDAAL	ERRMQP	VKV	DEPSV	A	ET	ITIL	KG	I	QPKY	E	DYH	HV	KYT	DE	A	E	323																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
NTDB	id	85	BSU	00860	NP	387967.1	G.A	E	G	A	I	D	A	S	NILK	P	S	LARGE	EL	QC	I	G	A	T	T	L	D	E	Y	R	K	Y	372																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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NTDB	id	290	KZH43	RS10025	WP	001109677.1	SGIDSTL	DA	A	NILK	PALARG	T	L	R	T	V	G	A	T	T	Q	E	E	Y	Q	K	H	I	E	K	D	A	A	L	S	R	R	F	A	K	V	T	I	E	E	P	S	V	A	D	S	M	T	I	L	Q	G	L	K	A	T	Y	E	K	H	H	R	V	Q	I	T	D	E	A	V	E	399																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
NTDB	id	289	SPD	RS10700	WP	001109677.1	SGIDSTL	DA	A	NILK	PALARG	T	L	R	T	V	G	A	T	T	Q	E	E	Y	Q	K	H	I	E	K	D	A	A	L	S	R	R	F	A	K	V	T	I	E	E	P	S	V	A	D	S	M	T	I	L	Q	G	L	K	A	T	Y	E	K	H	H	R	V	Q	I	T	D	E	A	V	E	399																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
NTDB	id	287	SP	RS11210	WP	001109712.1	SGIDSTL	DA	A	NILK	PALARG	T	L	R	T	V	G	A	T	T	Q	E	E	Y	Q	K	H	I	E	K	D	A	A	L	S	R	R	F	A	K	V	T	I	E	E	P	S	V	A	D	S	M	T	I	L	Q	G	L	K	A	T	Y	E	K	H	H	R	V	Q	I	T	D	E	A	V	E	399																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
NTDB	id	377	SMU	RS09275	WP	002262344.1	SGIDSTL	DA	A	NILK	PALARG	S	L	R	T	I	G	A	T	T	Q	E	E	Y	Q	K	H	I	E	K	D	A	A	L	S	R	R	F	A	K	V	T	I	E	E	P	S	E	E	E	A	Y	Q	I	L	L	G	K	K	S	Y	E	T	Y	H	H	V	I	I	S	D	A	A	V	M	403																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
NTDB	id	297	STER	RS00545	WP	011680614.1	SGIDSTL	DA	A	NILK	PALARG	T	L	H	M	V	G	A	T	T	Q	A	E	Y	Q	K	H	I	E	K	D	A	A	L	S	R	R	F	A	K	I	T	I	E	E	P	S	V	S	E	A	I	D	I	L	N	L	R	S	S	Y	E	D	Y	H	R	V	T	I	D	A	A	V	E	406																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
NTDB	id	329	STU	RS10020	WP	011225298.1	SGIDSTL	DA	A	NILK	PALARG	T	L	H	M	V	G	A	T	T	Q	A	E	Y	Q	K	H	I	E	K	D	A	A	L	S	R	R	F	A	K	I	T	I	E	E	P	S	V	S	E	A	I	D	I	L	N	L	R	S	S	Y	E	D	Y	H	R	V	T	I	D	A	A	V	E	406																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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consensus						*!	** !!*	* !!!*!!!!*!!*	*** *	* **	* * ! * * *	

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NTDB id	329	STU	RS10020	WP	011225298.1
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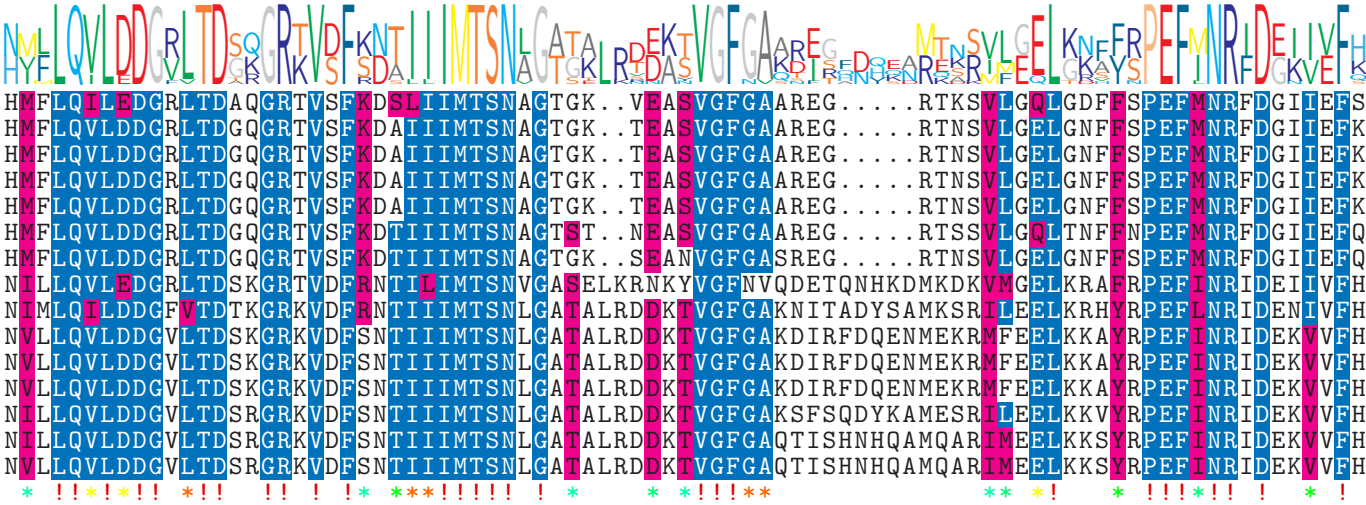
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NTDB id	281	KZH43	RS03550	WP	000882517.1
NTDB id	245	SPD	RS03860	WP	000882517.1
NTDB id	243	SPR	RS03635	WP	000882517.1
NTDB id	241	SP	RS04015	WP	000882523.1
NTDB id	64542	SPB	RS04785	WP	003102350.1
NTDB id	378	SMU	RS02690	WP	002263569.1
NTDB id	85	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
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NTDB id 601 KW2 RS02615 WP 021036805.1
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	64542	SPB	RS04785	WP	003102350.1
NTDB id	378	SMU	RS02690	WP	002263569.1
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
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NTDB id 601 KW2 RS02615 WP 021036805.1
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 64542 SPB RS04785 WP 003102350.1
NTDB id 378 SMU RS02690 WP 002263569.1
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NTDB id 610 V4T04 RS10165 WP 012897346.1
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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 601 KW2 RS02615 WP 021036805.1	DKIVISNQTQET.AETTDEEVPAE.	748
NTDB id 281 KZH43 RS03550 WP 000882517.1	KGNIIQIKSAKKAIEVKSSEKEK....	752
NTDB id 245 SPD RS03860 WP 000882517.1	KGNIIQIKSAKKAIEVKSSEKEK....	752
NTDB id 243 SPR RS03635 WP 000882517.1	KGNIIQIKSAKKAIEVKSSEKEK....	752
NTDB id 241 SP RS04015 WP 000882523.1	KGNIIQIKSAKKAIEVKSSEKEK....	752
NTDB id 64542 SPB RS04785 WP 003102350.1	NGNIIIKSAKKSNSPVEDQTKSYEN	761
NTDB id 378 SMU RS02690 WP 002263569.1	NGKIIVIKASNKVETVTKATSD....	753
NTDB id 85 BSU 00860 NP 387967.1	DGEFVVVKTТАКТN.....	810
NTDB id 610 V4T04 RS10165 WP 012897346.1	NKKIKIAQIV.....	816
NTDB id 290 KZH43 RS10025 WP 001109677.1	AGQLKFDIA.....	810
NTDB id 289 SPD RS10700 WP 001109677.1	AGQLKFDIA.....	810
NTDB id 287 SP RS11210 WP 001109712.1	AGQLKFDIA.....	810
NTDB id 377 SMU RS09275 WP 002262344.1	KEKLKFDIV.....	813
NTDB id 297 STER RS00545 WP 011680614.1	KDKLTFTVV.....	816
NTDB id 329 STU RS10020 WP 011225298.1	KDKLTFTVV.....	816
consensus	* *	

- ⓧ non conserved
- ⓧ similar
- ⓧ ≥ 50% conserved