

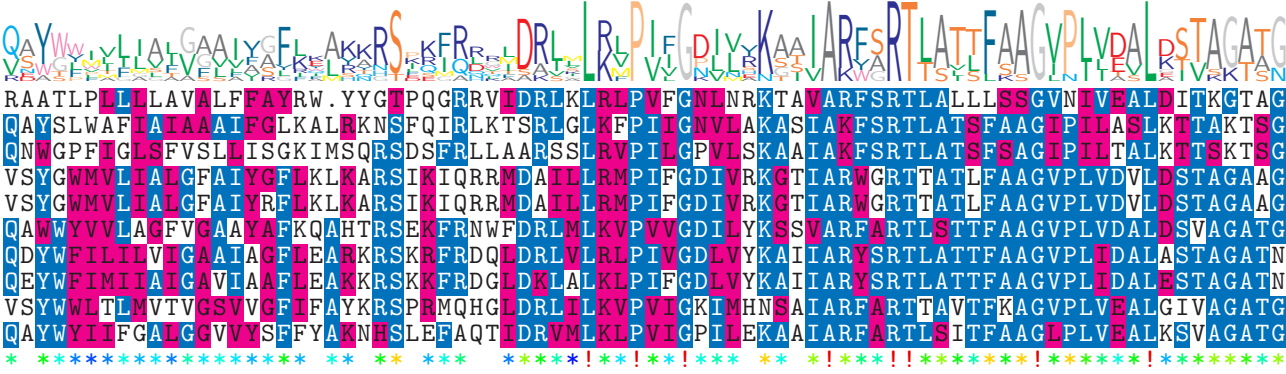
NTDB id 1029	TT RS02230 WP 011228203.1	MPVYQYKARDRQGRLVEATIEAEDLRTAARLRDRGLFVAEIKPEPKGLQAEVRIPALER	60
NTDB id 1169	A1552VC RS11075 WP 000648511.1	MKATQTLP LKNYRWKGINSNGKKVSQGMLAISEIEVRDKLKDQHIIQIKK LKKGSVSLLA....RLTH	63
NTDB id 1402	DSB67 RS12670 WP 010643257.1	MKTIIAPQLKNYRWKGINSNGKKTSGNVLAMTEIEVRRERLDAQHIIK KKKGSISFIT....KISH	62
NTDB id 1112	NGFG RS09215 WP 003689811.1	MAKNGGFSFLFAKKEKRFI FEGRHASDKLVNGEVSAFTEEEARKKLAKRGIRPLQITRVK.....T....SSKR	65
NTDB id 1113	AAA85695.1 219..1451()	MAKNGGFSFLFAKKEKRFI FEGRHASDKLVNGEVSAFTEEEARKKLAKRGIRPLQITRVK.....T....SSKR	65
NTDB id 1198	PSJM300 03950 AFN76868.1	MAQKA IKNSVFTWEGLD RQGA K IKGELSGVSPALVKAQLRKQGINPQKV RKKSISLFS.....AGK	61
NTDB id 1016	ACIAD RS01680 WP 004920476.1	MAAKKTQVM PVFYAYEGVDRKG I K LGELPARNMALAKVT LRKQG I TIRTIREKRKNIFEG....LLKK	64
NTDB id 1059	ABD1 RS01610 WP 000279215.1	MAVKKAQM MPTFAYEGVDRKG V K IKGELPAKNMALAKVT LRKQGVTVRNIREKRKNILEG....LFKK	64
NTDB id 213096	BVV20 RS17200 WP 024743356.1	MSVARSAIKKQPVDNRNTSMLQTFHWEGADKRGV K MKGEQQARNANMLRAELRRQGIVPSMVKKQKPPLLG....AAG	74
NTDB id 1252	GC085 RS07730 WP 011213805.1	MDKN SPPLLTFHYQGINKAGQKMEGD IQARSLAIKADLRKQGI VTNKVVKKRPKLFD....RKNK	62
consensus		* * * * * ! * * * * *	*

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NTDB	id	1169	A1552VC	RS11075	WP	000648511.1	R	V	K	S	K	D	I	T	I	L	T	R	Q	L	A	T	M	L	T	T	G	V	P	I	V	Q	A	L	K	L	V	G	D	N	H	R	K	A	E	M	K	S	I	L	A	Q	I	T	K	S	V	E	A	G	T	P	L	S	K	A	M	R	T	A	S	A	H	F	D	T	L	V	D	L	V	E	T	G	E		143	
NTDB	id	1402	DSB67	RS12670	WP	010643257.1	R	V	K	G	K	D	I	T	I	F	T	R	Q	L	A	T	M	L	M	T	G	V	P	I	V	Q	A	L	K	L	V	S	E	N	H	K	K	A	E	M	K	S	I	L	M	S	V	T	R	A	V	E	A	G	T	P	M	S	K	A	M	R	T	A	S	T	H	F	D	P	L	T	D	L	I	A	T	G	E		142	
NTDB	id	1112	NGFG	RS09215	WP	003689811.1	K	I	T	Q	E	D	I	T	V	F	T	R	Q	L	S	T	M	I	N	A	G	L	P	M	Q	A	F	E	I	V	A	R	G	H	G	N	P	S	M	T	E	M	L	E	I	R	G	Q	V	E	Q	G	S	S	L	R	A	F	S	N	H	P	K	Y	F	D	R	F	Y	C	N	L	V	A	A	G	E		145			
NTDB	id	1113	AAA85695.1	219..1451()			K	I	T	Q	E	D	I	T	V	F	T	R	Q	L	S	T	M	I	N	A	G	L	P	M	Q	A	F	E	I	V	A	R	G	H	G	N	P	S	M	T	E	M	L	E	I	R	G	Q	V	E	Q	G	S	S	L	R	A	F	S	N	H	P	K	Y	F	D	R	F	Y	C	N	L	V	A	A	G	E		145			
NTDB	id	1198	PSJM300	03950	AFN	76868.1	K	I	K	P	M	D	I	A	L	F	T	R	Q	L	A	T	M	M	K	A	G	V	P	L	L	Q	S	F	D	I	T	G	E	G	F	D	N	P	N	M	R	K	L	V	D	D	L	K	Q	E	V	A	A	G	N	S	F	A	S	S	L	R	K	K	P	Q	Y	F	D	D	L	Y	C	N	L	V	D	S	G	E		141
NTDB	id	1016	ACIAD	RS01680	WP	004920476.1	K	V	K	P	L	D	I	A	I	F	T	R	Q	L	A	T	M	M	K	A	G	V	P	L	V	Q	A	F	E	I	V	A	E	G	L	E	N	P	A	M	R	D	V	V	L	G	L	K	N	E	V	E	G	G	N	T	F	A	G	A	L	R	K	Y	P	Q	Y	F	D	N	L	F	C	S	L	I	E	S	G	E		144
NTDB	id	1059	ABD1	RS01610	WP	000279215.1	K	V	T	T	L	D	I	T	I	F	T	R																																																																						

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NTDB	id	1402	DSB67	RS12670	WP	010643257.1	QSGNLSQVFERLATYREKSEQLRAKVIKALIYPAMVVVLVALGVSYLMLLTRVIPEFEKMFTGFGADLPAFTQMVLNLNSAWT	222
NTDB	id	1112	NGFG	RS09215	WP	003689811.1	TGGVLESLLDKLAIIYEKKTQAIRKKVKKTALTYPVSVIAVAIGLVFVMIFVLPAFKFEVYANMGAELPLTQTVMDSDF	225
NTDB	id	1113	AAA85695.1	219..1451()			TGGVLESLLDKLAIIYEKKTQAIRKKVKKTALTYPVSVIAVAIGLVFVMIFVLPAFKFEVYANMGAELPALTQTVMDSDF	225
NTDB	id	1198	PSJM300	03950	AFN	76868.1	QSGSLETLLDRVATYKEKTEALKAKIKKAMNYPIAVVLVAVIVTAILLIKVVPQFQDVFANFGAELPAFTLMVIGLSEAL	221
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NTDB	id	213096	BVV20	RS17200	WP	024743356.1	GAGVLETIVLETIVATYKENIEALKGKIKKAMFYPATVVAVAIIVSAILLIFVVPQFEQVFKSFGAELPAFTQLLVNASRFM	234
NTDB	id	1252	GC085	RS07730	WP	011213805.1	KSGSLDTIMLDKVATYKEKIEIRKKIKKALTYPPIAVMMVALLVTAGLLIYVVPQFESLFKGFAGADLPAMTRAIVITMSEFM	222
consensus							*! !*****!*!!**!* *! !!*!*****!*****!*****!*****!*****!*****!*****!*****!*****!	

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NTDB id 213096 BVV20 RS17200 WP 024743356.1
NTDB id 1252 GC085 RS07730 WP 011213805.1
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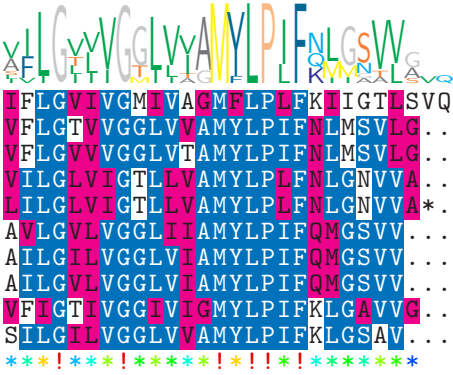


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NTDB id 213096 BVV20 RS17200 WP 024743356.1
NTDB id 1252 GC085 RS07730 WP 011213805.1
consensus



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☒ non conserved
☒ similar
☒ ≥ 50% conserved