

logo

NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1110 NGFG RS09235 WP 003689817.1		0
NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
NTDB id 1293 VP RS12240 WP 005479695.1		0
NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
NTDB id 1251 GC085 RS07725 WP 011946523.1		0
NTDB id 330186 EIY89 RS02205 WP 190534342.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	160
NTDB id 1110 NGFG RS09235 WP 003689817.1		0
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NTDB id 1251 GC085 RS07725 WP 011946523.1		0
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1028 TT RS08215 WP 011173991.1	EGQKDLKLGELLLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	240
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consensus		

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NTDB id 1028 TT RS08215 WP 011173991.1	LRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL	320
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1110	NGFG RS09235 WP 003689817.1	H	R	V	L	M	G	V	L	T	E	E	Q	M	V	E	F	H	C	V	P	V	F	R	G	D	K	V	F	F	A	V	S	D	P	T	Q	M	P	Q	I	Q	K	T	V	S	A	A	G		I	A	V	E	L	V	E	D	D	Q	I	A	G	L	L	D	W	V	G	S	R	S	T	S	143			
NTDB id 1168	A1552VC RS11070 WP 000957200.1	A	N	L	C	Q	Q	L	G	L	R	E	L	I	T	R	Y	D	A	L	P	I	A	K	Q	C	N	L	L	L	A	V	S	D	P	T	L	L	Q	A	E	E	E	F	R	F	A	T	G		L	Q	V	E	L	A	L	A	D	H	R	A	L	Q	A	A	I	R	R	L	Y	G	R	S	I	Q	144	
NTDB id 1293	VP RS12240 WP 005479695.1	A	S	L	C	Q	Q	L	G	L	R	E	L	I	T	R	H	N	A	L	P	L	H	R	T	P	S	T	L	L	A	V	A	D	P	T	N	Q	A	E	D	D	F	R	F	A	T	G		L	Q	V	E	L	V	L	A	D	F	R	E	L	T	A	I	R	R	L	Y	G	R	S	L	144				
NTDB id 1401	DSB67 RS12665 WP 010643259.1	A	S	L	C	Q	T	L	G	L	R	D	L	I	T	R	H	N	A	L	P	L	N	T	S	S	T	L	L	A	V	A	D	P	T	N	L	Q	A	E	D	D	F	R	F	A	T	G		L	Q	V	E	L	V	L	A	D	F	R	E	L	T	A	I	R	R	L	Y	G	R	S	L	144				
NTDB id 1251	GCO85 RS07725 WP 011946523.1	G	T	I	P	V	N	L	V	N	E	K	L	I	K	R	H	A	M	V	P	L	F	S	R	G	T	N	L	Y	L	A	T	D	D	P	S	K	Q	A	S	L	K	E	I	Q	F	H	T	G		L	N	T	H	A	I	V	V	E	T	D	K	L	S	A	L	I	D	N	L	L	T	A	K	E	S	152
NTDB id 330186	EIY89 RS02205 WP 190534342.1	S	S	I	P	E	E	F	L	N	K	K	L	I	D	K	H	R	C	L	P	L	F	K	R	G	N	R	L	Y	I	A	T	S	D	P	T	N	I	A	A	L	E	D	F	Q	F	S	A	G		L	H	A	E	A	I	L	V	E	E	D	K	L	S	K	A	L	E	K	V	L	E	E	D	L	S	149
NTDB id 1058	ABD1 RS01615 WP 001274986.1	S	Q	I	P	K	D	L	V	D	Q	K	L	I	L	K	H	R	I	L	P	L	I	Q	R	G	Q	I	L	Y	V	A	T	S	N	P	S	N	I	E	A	I	D	A	I	R	F	N	S	K		L	L	V	E	P	V	I	V	E	H	H	K	L	E	K	V	L	G	H	F	A	E	S	152			
NTDB id 1018	ACIAD																																																																													

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NTDB id 1168	A1552VC RS11070 WP 000957200.1	GAANQKKEISQ	DELANTVKV.....SDD	ELQSIEDLSQDDSPVSRFINQVLLDAVRKSGASDIHFEPYENQYRIRLRCDGI	219
NTDB id 1293	VP RS12240 WP 005479695.1	HEKSGLKEINQ	EE LASLVDV.....GAD	EINIEDLSQDDSPVSRYINQILLDAVRKSGASDIHFEPYEXMYRVRRLCDGI	219
NTDB id 1401	DSB67 RS12665 WP 010643259.1	QEKSGLKEINQ	DELAGLVDI.....G	EDIENIEDLSQDDSPVSRYINQILLDAVRKSGASDIHFEPYEXMYRVRRLCDGI	219
NTDB id 1251	GC085 RS07725 WP 011946523.1	QGLS....EYV	EDSGDLEGL	EISADDEDQDIDTATSVTDDAPIVKFVNKILLDAIRQSGASDIHFEPYEREYRIRYRQDGI	228
NTDB id 330186	EIY89 RS02205 WP 190534342.1	S.LE....LDGL	DEKSLAGIEV	.ADTD.KRQQEENEGKDDAPIVIYINKILTDAIRKGSADLHFEPYEKRYRIRFRIDGI	222
NTDB id 1058	ABD1 RS01615 WP 001274986.1	FDFN....DEE	FDL....DVNLDGPTA	.QEDDEEAPQGDDEAPIVKYINKLLIDAIRMGASDLHFEPYEKSYRVRVYVDGV	223
NTDB id 1018	ACIAD RS01685 WP 004920473.1	FNFD....TEEL	DL....DVEVDPHTT	.DDDEDKDKLDEAPIVKYINKLLIDAIRMSASDLHFEPYEKSYRVRVYVDGV	223
consensus		*** * *	* * *	***** **	***** **

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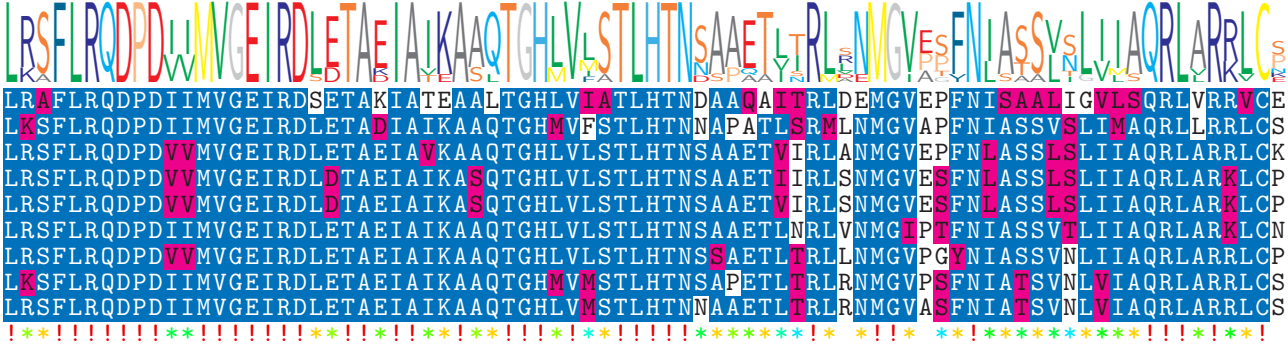
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consensus



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NTDB id 1028 TT RS08215 WP 011173991.1
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consensus



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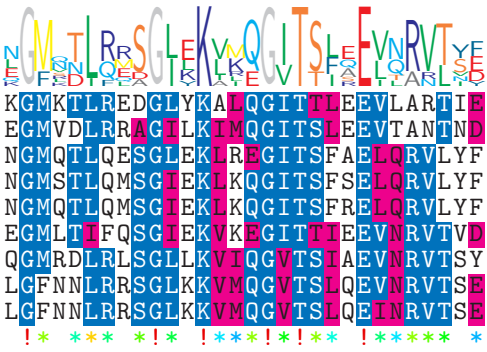
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consensus



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NTDB id 1028 TT RS08215 WP 011173991.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



889
558
562
561
561
574
568
570
570

 non conserved
 similar
 $\geq 50\%$ conserved