

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 156329 AK973 RS26585 WP 003205669.1	.....	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
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 156329 AK973 RS26585 WP 003205669.1	.....	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	EGQKDLKLGELLLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	240
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 156329 AK973 RS26585 WP 003205669.1	.....	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	LRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL	320
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 156329 AK973 RS26585 WP 003205669.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
consensus		

[illegible]

NTDB id 1028	TT RS08215 WP 011173991.1	DPGAPL	L	L	P	E	D	L	C	R	R	Y	G	V	F	P	H	R	L	E	G	N	R	L	V	L	L	M	K	D	P	R	N	I	L	A	L	D	D	V	R	L	A	L	K	R	K	G	L	N	Y	E	V	A	P	A	V	A	T	E	A	A	I	T	K	L	I	E	R	F	Y	G	K	A	E	L	480	
NTDB id 1110	NGFG RS09235 WP 003689817.1	HRV	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	I	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	ANL	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	ASL	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	S	T	A	I	R	R	L	Y	G	R	S	I	Q	144				
NTDB id 1401	DSB67 RS12665 WP 010643259.1	ASL	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	I	Q	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 156329	AK973 RS26585 WP 003205669.1	E	T	Q	P	T	G	L	V	S	E	K	L	V	R	Q	H	H	A	L	P	L	W	R	G	N	K	L	Y	V	G	I	S	D	P	T	N	H	Q	A	I	N	D	I	Q	F	S	T	G		L	T	T	E	A	I	L	V	E	D	D	K	L	S	D	A	I	E	K	F	F	E	S	S	T	148		
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	L	Y	V	A	T	S	N	P	S	N	T	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	S	T	152		
NTDB id 1018	ACIAD RS01685 WP 00																																																																													

NTDB id 1028	TT RS08215 WP 011173991.1	SEIAK.....EFAKKQAE	EEVPSPLEL	DESAAQKFVKQVIREAFLQDASDIHIEPR	QNDVQVRLRI	DGALRP	547
NTDB id 1110	NGFG RS09235 WP 003689817.1	LL.QELG..EGQ.....	EEESHTLYIDNEEA	EDGVPVPRFIHKTLSDALRSGASDIHF	EYEHNARI	IRFRVDGQLRE	212
NTDB id 1168	A1552VC RS11070 WP 000957200.1	GAANG..GKPTISQDE	TANLVKVSDDLQS	IEDLSQDDSPVSRFINQVLLDAVRKGASDIHF	FEPYENQYRIR	LRCDGILVE	222
NTDB id 1293	VP RS12240 WP 005479695.1	HEKSG..LKEINQ	EELASLVDGAD	EIDNIEDLSQDES	PSVRYINQILLDAVRKGASDIHF	FEPYEXMYVRVLR	CDGILIE
NTDB id 1401	DSB67 RS12665 WP 010643259.1	QEKSG..LKEINQ	EELASLVDGAD	EIDNIEDLSQDES	PSVRYINQILLDAVRKGASDIHF	FEPYENMYVRVLR	CDGILIE
NTDB id 1251	GC085 RS07725 WP 011946523.1	QGLSEYVEDSGDL	EGLEISADDE	.DQDIDTATSVT	DDAPIVKFVNKILLDAIRQGASDIHF	FEPYEREYRIRYRQ	DGILHE
NTDB id 156329	AK973 RS26585 WP 003205669.1	G...LEGMGD	VDLDGLDIESI	.DDTRQDSTAGQDT	DDAPVVRVFNKMLLDAIKGSSDLHF	FEPYEKIYRVRVRT	DGILRE
NTDB id 1058	ABD1 RS01615 WP 001274986.1	F...DFNDE	EFDDL...VNI	DGPTAQDEE	EAPQGDEAPIVKYINKLLTDAIRMGASDLHF	FEPYEKSYRVRVYRV	DGVLRQ
NTDB id 1018	ACIAD RS01685 WP 004920473.1	F...NFDTE	EFDDL...VEV	DPHTTDDDED	DKLKDDEAPIVKYINKLLTDAIRMSASDLHF	FEPYEKSYRVRVYRV	DGVLR
consensus		***	***	***	***	***	***

[illegible]

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NTDB id 1028 TT RS08215 WP 011173991.1
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consensus

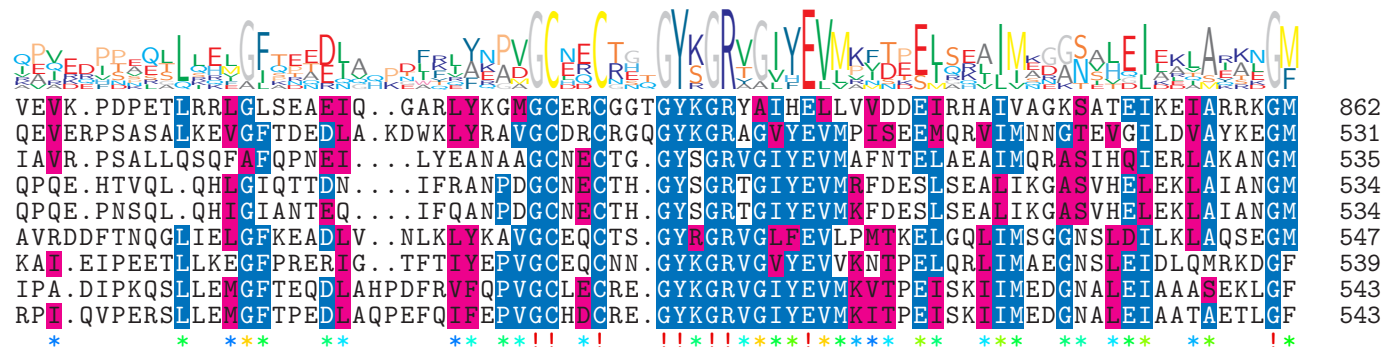
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consensus

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NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus
```



 non conserved
 similar
 $\geq 50\%$ conserved