

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
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 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 213150 BV884 RS01725 WP 001274990.1	.....	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 1410 SGL RS13950 WP 010873519.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	160
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NTDB id 1293 VP RS12240 WP 005479695.1		0
NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 213150 BV884 RS01725 WP 001274990.1	.....	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 1410 SGL RS13950 WP 010873519.1	EGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVDPDPSAALLL	0
NTDB id 1028 TT RS08215 WP 011173991.1	EGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVDPDPSAALLL	240
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NTDB id 1293 VP RS12240 WP 005479695.1		0
NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 213150 BV884 RS01725 WP 001274990.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
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consensus		

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consensus

[illegible]

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consensus

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NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

[illegible]

NTDB id 1410	SGL RS13950 WP 010873519.1	QDDFNQLLEEQYYAIREEWEEAAQEKRDKERALDKLNDLTDIVGSIDMNLGEDKEDVDNALDSNDA	NQAPVINLVNKILAKA	244
NTDB id 1028	TT RS08215 WP 011173991.1	EAAATKLIERFYGKAELSEIAKEF.....	AKKKQAEEEEVPSPLELDESAAQKFVKQKVIREA	518
NTDB id 1168	A1552VC RS11070 WP 000957200.1	HRAALQAARRLYGRSISQGAANQGK...EI.SQDELANL.....	VKVSDDLQSIEDLSQDSDPVSRFINQVLIDA	193
NTDB id 1293	VP RS12240 WP 005479695.1	FRELSTAARRLYGRSLSEKSGLK...EIQEELASL.....	VDVGAEIDNIEDLSQDESPVSRYINQILLDA	193
NTDB id 1401	DSB67 RS12665 WP 010643259.1	FRELTAAARRLYGRSLGSGKSGLK...EIQDELAGL.....	VDIGEDEIENIEDLSQDESPVSRYINQILLDA	193
NTDB id 1110	NGFG RS09235 WP 003689817.1	DDQLACLLDWVGRSTSL.LQEL.....	GEG.....QEEESHTLYIDNEEAEDGPVPRFIHKTLSDA	183
NTDB id 1251	GC085 RS07725 WP 011946523.1	TDKLSALIDNLLTAKESSQGLSEYVEDSG.DLEGLEIS.....	AD.DEDQDIDTATSVTDDAPIVKFVNKILLDA	202
NTDB id 213150	BV884 RS01725 WP 001274990.1	HHKLEKVLGGHFHEESSFDNFDE...EF.D...LDVN.....	LDGPTTQEDEEEAPQGDEAPIVKYINKLLIDA	197
NTDB id 1058	ABD1 RS01615 WP 001274986.1	HHKLEKVLGGHFHEESSFDNFDE...EF.D...LDVN.....	LDGPATAQEDEEEAPQGDEAPIVKYINKLLIDA	197
NTDB id 1018	ACIAD RS01685 WP 004920473.1	HDKLERLLSEHFEVEETHFNFDTE...EL.D...LDVE.....	VDPHTTDDDDDDKLLKDEAPIVKYINKLLIDA	197
consensus		* ** **** * *	** ***** *	***** *****!

NTDB id 1410	SGL RS13950 WP 010873519.1	LQECTSDIHVEPQEETLRIRFRKDGVLNQAFDPLPRKITPAVVARFKIMADMDIAERRSPQDGKIRRIYQ..GRKVDFRV	322
NTDB id 1028	TT RS08215 WP 011173991.1	FLQDASDIHIEPRQNDVQVRLRIDGALRPYSTL.PKGALNAVISVVKIMGGLNIAEKRLPQDGRVRYR..EGAIDVDLRL	595
NTDB id 1168	A1552VC RS11070 WP 000957200.1	VRKGASDIHFEPYENQYRILRLRCDIGILVETQQP.ASHLSRRLAARIKILSKLDIAERRLPQDGRIKLRLSR.DTAIDMRV	271
NTDB id 1293	VP RS12240 WP 005479695.1	VRKGASDIHFEPYEKMYYRVRLRCDIGILLETQQP.PNHLSRRLSARIKILSKLDIAERRLPQDGRIKLKLNG.DTAIDMRV	271
NTDB id 1401	DSB67 RS12665 WP 010643259.1	VRKGASDIHFEPYEMMYRVRLRCDIGILLETQQP.PSHLSRRLSARIKILSKLDIAERRLPQDGRIKLKLNG.DTAIDMRV	271
NTDB id 1110	NGFG RS09235 WP 003689817.1	LRSGASDIHFEFYEHNAIRIRFRVDGQLREVVPQP.PIAVRGQLASRIKVMNSLDISEKRIPQDGMQLTFQKGGKPVDFRV	262
NTDB id 1251	GCO85 RS07725 WP 011946523.1	IRQGASDIHFEPYERFYRIRYRQDGILHEVATP.PASLSRITARIKVMNSLDISERRIPQDGFCKMKISK.SRAIDFRV	280
NTDB id 213150	BV884 RS01725 WP 001274990.1	IRMGASDLHFEPYEKSYRVRYRVDGMLRQIANP.PLQLANRLASRLKVMSQMDISEKRVPPQDGRIKLKLSK.SKAIIDFRV	275
NTDB id 1058	ABD1 RS01615 WP 001274986.1	IRMGASDLHFEPYEKSYRVRYRVDGVLRLQIANP.PLQLANRLASRLKVMSQMDISEKRVPPQDGRIKLKLSK.SKAIIDFRV	275
NTDB id 1018	ACIAD RS01685 WP 004920473.1	IRMSASDLHFEPYEKSYRVRYRVDGVLRLLIATP.PLQLATRLLASRLKVMSQMDISEKRVPPQDGRIKLKMSK.SKTIDFRV	275
consensus		* * * * | * * | * * * * * * * * * * | * * * * * * * * * * | * * * * * * * * * *	

NTDB id 1410	SGL RS13950 WP 010873519.1	N	T	L	P	S	R	Y	G	E	K	V	C	L	R	I	L	D	S	A	T	Q	L	G	L	D	F	L	I	T	N	P	E	T	L	Q	T	V	R	E	L	A	A	R	P	Y	G	L	M	L	V	T	G	P	T	G	S	G	K	S	T	T	L	Y	S	V	L	A	E	R	N	S	P	E	V	N	I	N	T	A	402	
NTDB id 1028	TT RS08215 WP 011173991.1	S	T	L	P	T	V	Y	G	E	K	A	V	M	R	L	L	K	K	A	S	D	I	P	E	I	E	D	L	G	F	A	P	G	V	F	E	R	F	K	E	V	I	S	K	P	Y	G	I	F	L	I	T	G	P	T	G	S	G	K	S	F	T	T	F	S	I	L	K	R	I	A	T	P	D	K	N	T	Q	T	I	675
NTDB id 1168	A1552VC RS11070 WP 000957200.1	S	T	L	P	T	L	W	G	E	K	I	V	L	R	L	D	S	S	A	A	N	L	D	I	D	K	L	G	Y	N	P	Q	Q	K	Q	L	Y	L	N	A	L	K	R	P	Q	G	M	I	L	M	T	G	P	T	G	S	G	K	T	V	S	L	Y	T	G	L	R	I	L	N	T	S	Q	I	N	I	S	T	A	351	
NTDB id 1293	VP RS12240 WP 005479695.1	S	T	L	P	T	L	F	G	E	K	I	V	L	R	L	D	S	S	A	L	D	I	D	K	L	G	Y	S	E	Q	Q	K	Q	L	Y	L	E	A	L	R	R	P	Q	G	M	I	L	M	T	G	P	T	G	S	G	K	T	V	S	L	Y	T	G	L	N	I	L	K	P	E	I	N	I	S	T	A	351				
NTDB id 1401	DSB67 RS12665 WP 010643259.1	S	T	L	P	T	L	F	G	E	K	I	V	L	R	L	D	S	S	A	A	L	D	I	N	K	L	G	Y	S	D	S	Q	Q	K	Q	L	Y	L	D	A	L	R	R	P	Q	G	M	I	L	M	T	G	P	T	G	S	G	K	T	V	S	L	Y	T	G	L	N	I	L	K	P	E	I	N	I	S	T	A	351		
NTDB id 1110	NGF6 RS09235 WP 003689817.1	S	T	L	P	T	L	F	G	E	K	V	M	R	I	L	N	S	D	A	A	S	L	N	I	D	Q	L	G	F	E	P	F	Q	K	K	L	L	E	A	I	H	R	P	Y	G	M	V	L	T	G	P	T	G	S	G	K	T	V	S	L	Y	T	C	L	N	I	L	N	T	E	S	V	N	I	A	342					
NTDB id 1251	GC085 RS07725 WP 011946523.1	S	T	C	P	T	S	A	G	E	K	V	M	R	V	L	D	S	G	A	A	K	L	G	I	E	A	L	G	F	N	P	V	Q	R	T	N	F	L	K	A	I	Q	R	P	Q	G	M	I	L	V	T	G	P	T	G	S	G	K	T	V	T	L	Y	T	A	L	N	I	L	N	T	I	E	V	N	I	S	T	A	360	
NTDB id 213150	BV884 RS01725 WP 001274990.1	N	S	L	P	T	L	F	G	E	K	I	V	L	R	L	D	P	S	S	A	M	L	G	I	D	A	L	G	Y	E	E	D	Q	K	A	L	F	M	E	A	L	D	K	P	Q	G	M	L	I	T	G	P	T																												

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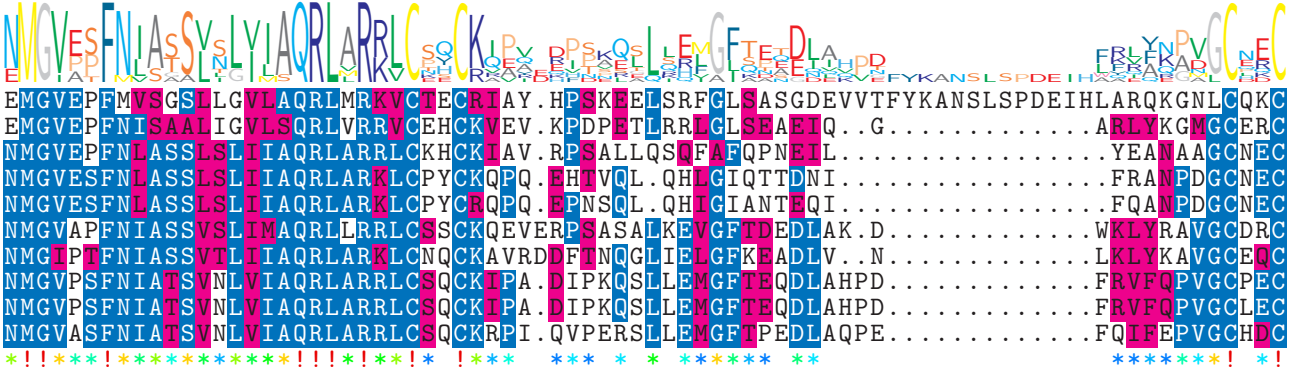
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NTDB id	1018	ACIAD RS01685 WP 004920473.1
consensus		



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755
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logo

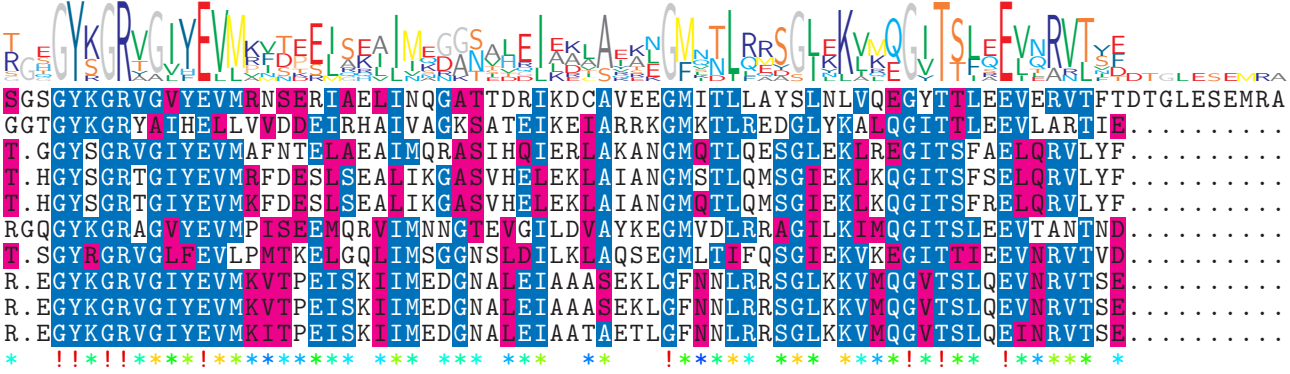
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consensus		



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NTDB id	1028	TT RS08215 WP 011173991.1
NTDB id	1168	A1552VC RS11070 WP 000957200.1
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NTDB id	1018	ACIAD RS01685 WP 004920473.1
consensus		



641
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574
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NTDB id 1410 SGL RS13950 WP 010873519.1	KRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1	.....	889
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	562
NTDB id 1293 VP RS12240 WP 005479695.1	.....	561
NTDB id 1401 DSB67 RS12665 WP 010643259.1		561
NTDB id 1110 NGFG RS09235 WP 003689817.1		558
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NTDB id 213150 BV884 RS01725 WP 001274990.1		570
NTDB id 1058 ABD1 RS01615 WP 001274986.1		570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved