

logo

		MSXLSIGDRRLGAALLDQGYLDNBLQRALERHSEVGGRLAELVLYDSGGYSEERRIAEAEIESEFGLPLVLEHSEVETSPKXK	
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NTDB id 1306	DR RS10060 WP 027479822.1	.MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAL	79
NTDB id 1028	TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV	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 1018	ACIAD RS01685 WP 004920473.1		0
NTDB id 52994	IOP84 RS01520 WP 175966280.1		0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
consensus			

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		SLTPAEKAKELRAIPFALDEEAGVVRVAFLNPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPVPP..P	
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NTDB id 1028	TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPVPP..P	158
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NTDB id 52994	IOP84 RS01520 WP 175966280.1		0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
consensus			

logo

		SGSGSKLGEELYSKGYISBRLYALQKRTGSLGATLYSRRATPEELYEXLAEQEGTEFLSESGGHPSEEXK	
NTDB id 1410	SGL RS13950 WP 010873519.1		0
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NTDB id 1028	TT RS08215 WP 011173991.1	SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237
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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 1018	ACIAD RS01685 WP 004920473.1		0
NTDB id 52994	IOP84 RS01520 WP 175966280.1		0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
consensus			

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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1306 DR RS10060 WP 027479822.1
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NTDB id 52994 IOP84 RS01520 WP 175966280.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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[illegible]

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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
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NTDB id 52994 IOP84 RS01520 WP 175966280.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus
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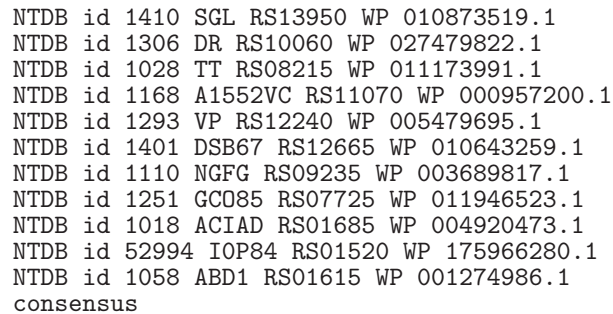
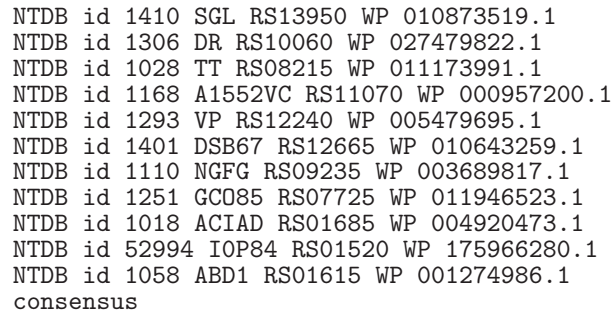
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NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
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NTDB id 52994 IOP84 RS01520 WP 175966280.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

Sequence	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192			
GVDSVDPEVAP	I	A	T	Q	Q	M	A	E	I	G	R	F	F	P	L	D	T	C	R	F	K	F	L	P	L	A	Q	E	G	D	P	P	S		
GYEFLDPIQNP	D	P	I	Q	N	P	P	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D			
GYEFLDPIQNP	D	P	I	Q	N	P	P	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D			
GLPETDLSRY	O	Y	A	D	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	
GLSQPELSQY	E	Y	A	D	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	
GLSCTSLNQY	E	Y	A	D	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	
SYSLDLRHY	P	R	H	S	L	S	L	D	L	R	H	Y	P	R	H	S	L	S	L	D	L	R	H	Y	P	R	H	S	L	S	L	D	L	R	H
GVPMIDINCID	V	G	D	P	A	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y
GEPLDLGVFD	P	A	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	A	D	L
GEPLFDIGAY	D	P	A	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	A	
AEPYFDLDVY	C	T	S	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	A	D	L	S	R	Y	O	Y	A	

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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1306 DR RS10060 WP 027479822.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

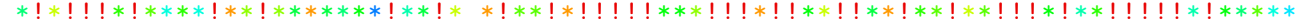
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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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NTDB id 1410 SGL RS13950 WP 010873519.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus
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NTDB id 1410 SGL RS13950 WP 010873519.1
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NTDB id 1168 A1552VC RS11070 WP 000957200.1
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NTDB id 1401 DSB67 RS12665 WP 010643259.1
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NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 52994 IOP84 RS01520 WP 175966280.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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logo

NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
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NTDB id 1293 VP RS12240 WP 005479695.1		561
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NTDB id 1110 NGFG RS09235 WP 003689817.1		558
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		570
NTDB id 52994 IOP84 RS01520 WP 175966280.1		569
NTDB id 1058 ABD1 RS01615 WP 001274986.1		570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved