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		MSXLEIIGDRRLGAALLDAGYLDNSLQRALERHSEVGGSLAASVLYDSGQZEERRIASXIESEFGIPLVQLAVETSPXX	
NTDB id 1028	TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1306	DR RS10060 WP 027479822.1	.MALSIGDRLRGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAAL	79
NTDB id 1384	A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1366	NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355	HI 0298 AAC21962.1	.....	0
NTDB id 1227	CJJ81176 RS07050 WP 011812800.1	.....	0
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1251	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1401	DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1293	VP RS12240 WP 005479695.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1090423	ACLRDN RS01770 WP 413458718.1	0
NTDB id 1110	NGFG RS09235 WP 003689817.1	0
consensus			

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		KYFKKAKELRAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	
NTDB id 1028	TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1306	DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA	157
NTDB id 1384	A4U84 RS08525 WP 010787006.1	0
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NTDB id 1227	CJJ81176 RS07050 WP 011812800.1	0
NTDB id 1410	SGL RS13950 WP 010873519.1	0
NTDB id 1251	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1401	DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1293	VP RS12240 WP 005479695.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1090423	ACLRDN RS01770 WP 413458718.1	0
NTDB id 1110	NGFG RS09235 WP 003689817.1	0
consensus			

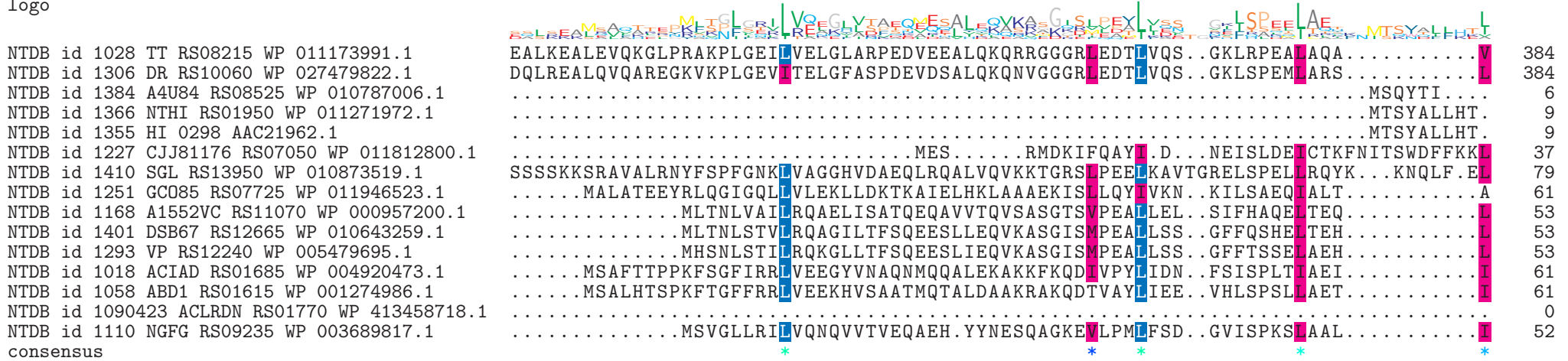
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		S	B	R	G	S	E	B	K	L	G	E	L	V	S	H	G	X	I	E	S	R	L	E	V	A	L	M	K	Q	R	T	G	S	L	G	T	L	Y	S	E	R	K	T	E	E	S	R	L	Y	E	X	L	A	E	Q	S	G	T	E	F	L	E	S	T	E	G	A	M	P	E	E	X		
NTDB id 1028	TT RS08215 WP 011173991.1	SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV	.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237																																																																							
NTDB id 1306	DR RS10060 WP 027479822.1	SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL		237																																																																							
NTDB id 1384	A4U84 RS08525 WP 010787006.1	.....		0																																																																						
NTDB id 1366	NTHI RS01950 WP 011271972.1	.....		0																																																																						
NTDB id 1355	HI 0298 AAC21962.1	.....		0																																																																						
NTDB id 1227	CJJ81176 RS07050 WP 011812800.1	.....		0																																																																						
NTDB id 1410	SGL RS13950 WP 010873519.1	.....		0																																																																						
NTDB id 1251	GCO85 RS07725 WP 011946523.1	.....		0																																																																						
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.....		0																																																																						
NTDB id 1401	DSB67 RS12665 WP 010643259.1		0																																																																							
NTDB id 1293	VP RS12240 WP 005479695.1		0																																																																							
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NTDB id 1058	ABD1 RS01615 WP 001274986.1		0																																																																							
NTDB id 1090423	ACLRDN RS01770 WP 413458718.1		0																																																																							
NTDB id 1110	NGFG RS09235 WP 003689817.1		0																																																																							
consensus			0																																																																							

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		E	E	M	L	R	D	A	L	R	Y	A	V	P	Y	G	E	S	E	S	E	V	E	V	E	S	D	P	R	H	E	E	R	E	E	R	L	E	R	P	X	S	M	L	E	P	S	Y	E	E	L	E	S	Y	P	Q	R	E	R	L	G	E	X	L	V	Q	E	G	L	S	R	
NTDB id 1028	TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEVLS DPRHKEAVAQLLN RPARFY LALPQAW EELFR RAYPQKNRLG EVLVQEGKLSR		317																																																																				
NTDB id 1306	DR RS10060 WP 027479822.1	GSMLRADALRLLAVPVDETEQGVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGRLG EQLVQEGTLSR		317																																																																				
NTDB id 1384	A4U84 RS08525 WP 010787006.1	.....		0																																																																			
NTDB id 1366	NTHI RS01950 WP 011271972.1	.....		0																																																																			
NTDB id 1355	HI 0298 AAC21962.1	.....		0																																																																			
NTDB id 1227	CJJ81176 RS07050 WP 011812800.1	.....		0																																																																			
NTDB id 1410	SGL RS13950 WP 010873519.1	.....		0																																																																			
NTDB id 1251	GCO85 RS07725 WP 011946523.1	.....		0																																																																			
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.....		0																																																																			
NTDB id 1401	DSB67 RS12665 WP 010643259.1	.....		0																																																																			
NTDB id 1293	VP RS12240 WP 005479695.1	.....		0																																																																			
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.....		0																																																																			
NTDB id 1058	ABD1 RS01615 WP 001274986.1	.....		0																																																																			
NTDB id 1090423	ACLRDN RS01770 WP 413458718.1		0																																																																				
NTDB id 1110	NGFG RS09235 WP 003689817.1		0																																																																				
consensus			0																																																																				

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NTDB id 1028 TT RS08215 WP 011173991.1	889
NTDB id 1306 DR RS10060 WP 027479822.1	887
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.....	461
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	464
NTDB id 1355 HI 0298 AAC21962.1	.....	464
NTDB id 1227 CJJ81176 RS07050 WP 011812800.1	.....	519
NTDB id 1410 SGL RS13950 WP 010873519.1	GLESEMRAKRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	574
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	562
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	561
NTDB id 1293 VP RS12240 WP 005479695.1	.....	561
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
NTDB id 1090423 ACLRDN RS01770 WP 413458718.1	.....	379
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	558
consensus		

GLESEMRAKRKSALTCRTCAAELQQEWLDCPYCMTSRFS

- non conserved
- similar
- ≥ 50% conserved