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				MSXLSIIGDRRLGAAALLDQGYLDRNQLQRALERHSEVGGRLAEVLYDSQYERERIASXIEERFGIPLVQLHRVENSPPKXK	
NTDB id 1306	DR	RS10060	WP 027479822.1	.MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLDIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL	79
NTDB id 1028	TT	RS08215	WP 011173991.1	MSVLTIGDKRLGAAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1384	A4U84	RS08525	WP 010787006.1	.....	0
NTDB id 1366	NTHI	RS01950	WP 011271972.1	.....	0
NTDB id 1151775	LS074	RS04170	WP 005656265.1	.....	0
NTDB id 1355	HI	0298	AAC21962.1	.....	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 1110	NGFG	RS09235	WP 003689817.1	.....	0
NTDB id 1251	GCO85	RS07725	WP 011946523.1	.....	0
NTDB id 1018	ACIAD	RS01685	WP 004920473.1	0
NTDB id 1058	ABD1	RS01615	WP 001274986.1	0
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				RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA	
NTDB id 1306	DR	RS10060	WP 027479822.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	157
NTDB id 1028	TT	RS08215	WP 011173991.1	.....	158
NTDB id 1384	A4U84	RS08525	WP 010787006.1	.....	0
NTDB id 1366	NTHI	RS01950	WP 011271972.1	.....	0
NTDB id 1151775	LS074	RS04170	WP 005656265.1	.....	0
NTDB id 1355	HI	0298	AAC21962.1	.....	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 1110	NGFG	RS09235	WP 003689817.1	.....	0
NTDB id 1251	GCO85	RS07725	WP 011946523.1	.....	0
NTDB id 1018	ACIAD	RS01685	WP 004920473.1	0
NTDB id 1058	ABD1	RS01615	WP 001274986.1	0
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				SDAGRTGGKLGGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEEQEGTTFLPNPSGFHPGEEVL	
NTDB id 1306	DR	RS10060	WP 027479822.1	SGEGQKDKLKGELLQKQGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSSAA	237
NTDB id 1028	TT	RS08215	WP 011173991.1	237
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NTDB id 1151775	LS074	RS04170	WP 005656265.1	0
NTDB id 1355	HI	0298	AAC21962.1	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 1110	NGFG	RS09235	WP 003689817.1	.....	0
NTDB id 1251	GCO85	RS07725	WP 011946523.1	.....	0
NTDB id 1018	ACIAD	RS01685	WP 004920473.1	0
NTDB id 1058	ABD1	RS01615	WP 001274986.1	0
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 NTDB id 1366 NTHI RS01950 WP 011271972.1
 NTDB id 1151775 LS074 RS04170 WP 005656265.1
 NTDB id 1355 HI 0298 AAC21962.1
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 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1

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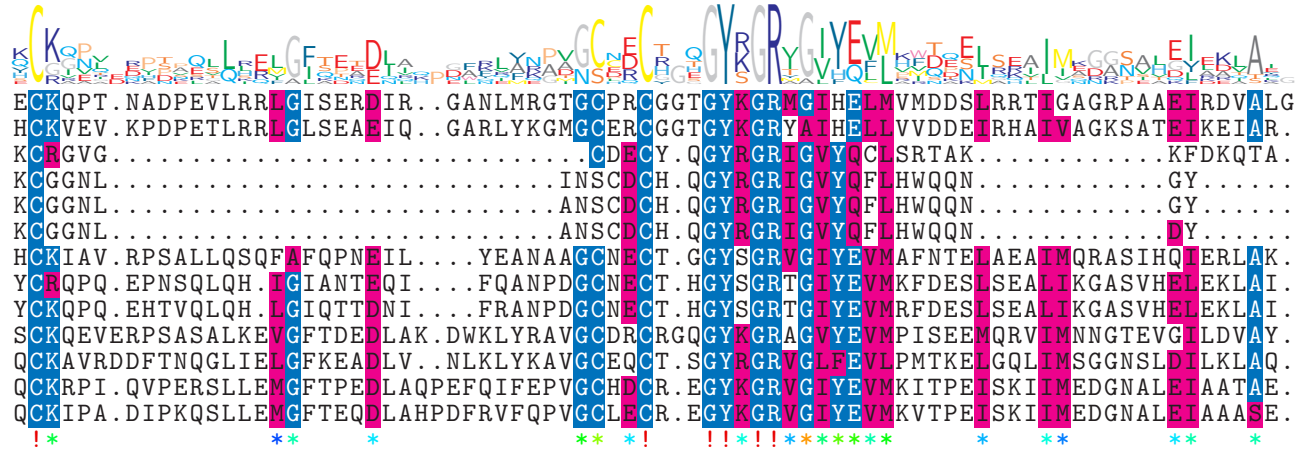


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NTDB id 1306 DR RS10060 WP 027479822.1
 NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1384 A4U84 RS08525 WP 010787006.1
 NTDB id 1366 NTHI RS01950 WP 011271972.1
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 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1

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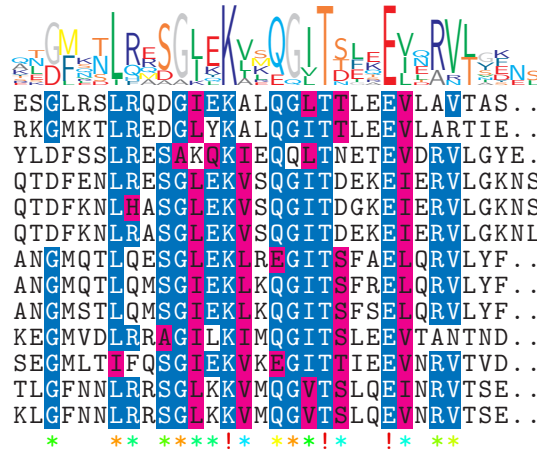


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NTDB id 1306 DR RS10060 WP 027479822.1
 NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1384 A4U84 RS08525 WP 010787006.1
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 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1

consensus



887
889
461
464
464
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562
561
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574
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570

 non conserved
 similar
 $\geq 50\%$ conserved