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NTDB id 1306 DR RS10060 WP 027479822.1	MALSI GDRRLGAILLDQGYLGDN DLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAALR	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 1251 GC085 RS07725 WP 011946523.1		0
NTDB id 1110 NGFG RS09235 WP 003689817.1		0
NTDB id 83496 ZMTM RS10675 WP 221763835.1		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 1306 DR RS10060 WP 027479822.1	SIRPQTALNLQAFPPFALEGDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGASDA	160
NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
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NTDB id 1251 GC085 RS07725 WP 011946523.1		0
NTDB id 1110 NGFG RS09235 WP 003689817.1		0
NTDB id 83496 ZMTM RS10675 WP 221763835.1		0
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1306 DR RS10060 WP 027479822.1	GRTGGKLGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVLGSM	240
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NTDB id 1110 NGFG RS09235 WP 003689817.1		0
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1306 DR RS10060 WP 027479822.1	LRADALRLLAVPVDETEQGVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGR LGEQLVQEGT LSRDQL	320
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NTDB id 1293 VP RS12240 WP 005479695.1		15
NTDB id 1401 DSB67 RS12665 WP 010643259.1		15
NTDB id 1251 GC085 RS07725 WP 011946523.1		23
NTDB id 1110 NGFG RS09235 WP 003689817.1		15
NTDB id 83496 ZMTM RS10675 WP 221763835.1		23
NTDB id 1058 ABD1 RS01615 WP 001274986.1		23
NTDB id 1018 ACIAD RS01685 WP 004920473.1		23
consensus		

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NTDB id 1306 DR RS10060 WP 027479822.1	REALQVQAREGKVKPLGEVITELGFAS	400
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NTDB id 1293 VP RS12240 WP 005479695.1		69
NTDB id 1401 DSB67 RS12665 WP 010643259.1		69
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NTDB id 1110 NGFG RS09235 WP 003689817.1		68
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NTDB id 1058 ABD1 RS01615 WP 001274986.1		77
NTDB id 1018 ACIAD RS01685 WP 004920473.1		77
consensus		

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NTDB id 1306 DR RS10060 WP 027479822.1	DPKVALMIPEATARRVYVVPVRLQGNSLIVVAMKDPRNVFALDDKLITGKEILPAVMAEKDIIRLIERYFGEKGFE....	476
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NTDB id 1293 VP RS12240 WP 005479695.1	ASLCQQGLGLRELITRHNALPLHRTPTSTLLAVADPTNQQAEDDFRFATGLQVELVLADDFRELSTAIRRLYGRSLSHEKSG	149
NTDB id 1401 DSB67 RS12665 WP 010643259.1	ASLCQTGLGLRDLITRHNALPLNRTSSTLILAVADPTNLQAEEDDFRFATGLQVELVLADDFRELSTAIRRLYGRSLGQEKSG	149
NTDB id 1251 GC085 RS07725 WP 011946523.1	GTIPVNLVNEKLIKRRHAMVPLFSRGNTNLYLATDDPSKQASLKEIQFHTGLNTHAIVVETDKLSALIDNLLTAKESQGLSE	157
NTDB id 1110 NGFG RS09235 WP 003689817.1	HRVLMGVLTEEQMVFEFHCVPVFRGDKVFFAVSDPTQMPQIQKTVSAAGIIVELVIVEDDQLAGLLDWVGSRSSTSL.LQE	147
NTDB id 83496 ZMTM RS10675 WP 221763835.1	DYVPAKVIDSKLMQSSRVMSLQSRGNTLFVALSDPTNLHALDDVQFQVGMALSPVVVEDDKLSKWIDKIVESSDTS.LKS	156
NTDB id 1058 ABD1 RS01615 WP 001274986.1	SQIPKDLVDQKLILKHRILPLIQRGQILYVATSNPSNIEAIDAIRFNSKLLVEPVIVEHHKLEKVLGQHFA....E.ESS	152
NTDB id 1018 ACIAD RS01685 WP 004920473.1	ALFLDKKIDEXLILQKYRIMPLVHRGHVLYVATSNPTNIEAMDAIRFNSKLVPEIIVEHDKLERLLSEHF....E.ETH	152
consensus		

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NTDB id 1306 DR RS10060 WP 027479822.1	..KLNK.E....LAERNKIQQSQEADLSVADESAIVQVVDSTIREAALQDASDIHIETTEDAVKVRYRIDGALREQNSF	548
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NTDB id 1110 NGFG RS09235 WP 003689817.1	L.GEGQEE.....EESHTL...YIDNEEAEDGPVPRFIHKTLSDALRSGASDIHFEPYEHNARIRFRVDGQLREVVPQ	216
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NTDB id 1058 ABD1 RS01615 WP 001274986.1	F.DFND.EEFD.LDVNLDGPTAQEDEEEAPQGDEAPIVKYINKLLIDAIRMGASDLHFEPYEKSYRVRYRVDGVLRLQIANP	230
NTDB id 1018 ACIAD RS01685 WP 004920473.1	F.NFDTEELD.LDVEVDPHTTDDDDDKLKDEAPIVKYINKLLIDAIRMSASDLHFEPYEKSYRVRYRVDGVLRLLIATP	230
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NTDB id 1306 DR RS10060 WP 027479822.1	PKGAAQQIMARLKIMGHLDIAERRVPQDGRVRF..KKGSIDLRLSTLPTVYGEKAVMRLQKASNIPELEQLGFSEYN	626
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NTDB id 1293 VP RS12240 WP 005479695.1	PNHLSRRLSARIKILSKLDIAERRLPQDGRIKLKLNLQ.DTAIDMRVSTLPTLFGEKIVLRLLDSSASALDIDKLGYSEQQ	305
NTDB id 1401 DSB67 RS12665 WP 010643259.1	PSHLSRRLSARIKILSKLDIAERRLPQDGRIKLKLNLQ.DTAIDMRVSTLPTLFGEKIVLRLLDSSAALDIDKLGYSDSQ	305
NTDB id 1251 GC085 RS07725 WP 011946523.1	PASLSSRITARIKIVMSNLDISERRIPQDGGFKMKISK.SRAIDFRVSTCPTSAAGEKVVMRVLDSSAAKLGIALGFNPVQ	314
NTDB id 1110 NGFG RS09235 WP 003689817.1	PIAVRGQLASRIKIVMSRLDISEKRIPQDGRMQLTFQKGGKPVDFRVSTLPTLFGEKVVMRILNSDAASLNIDQLGFEPFQ	296
NTDB id 83496 ZMTM RS10675 WP 221763835.1	PLAIKEKMASRIKVISSLDIAEKRVPDGRMKLVLSK.TRNIDFRVSTLPMINGEKIVMRILDPSSATILGIEALGYEPAQ	313
NTDB id 1058 ABD1 RS01615 WP 001274986.1	PLQLANRLASRLKVMQMDISEKRVPDGRMKLVLSK.SKAIDFRVNSLPTLFGEKVLRLIDLPSSAMLGIDALGYEEDQ	309
NTDB id 1018 ACIAD RS01685 WP 004920473.1	PLQLATRLASRLKVMQMDISEKRVPDGRMKLVLSK.SKIDFRVNSLPTLFGEKIVLRLIDPASAAMLGIDALGYEPEQ	309
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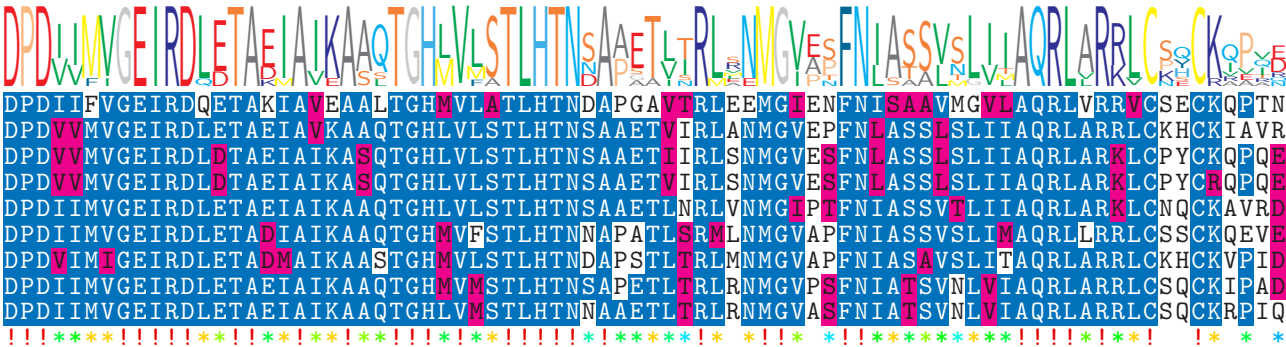
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NTDB id	1293	VP	RS12240	WP	005479695.1
NTDB id	1401	DSB67	RS12665	WP	010643259.1
NTDB id	1251	GC085	RS07725	WP	011946523.1
NTDB id	1110	NGFG	RS09235	WP	003689817.1
NTDB id	83496	ZMTM	RS10675	WP	221763835.1
NTDB id	1058	ABD1	RS01615	WP	001274986.1
NTDB id	1018	ACIAD	RS01685	WP	004920473.1
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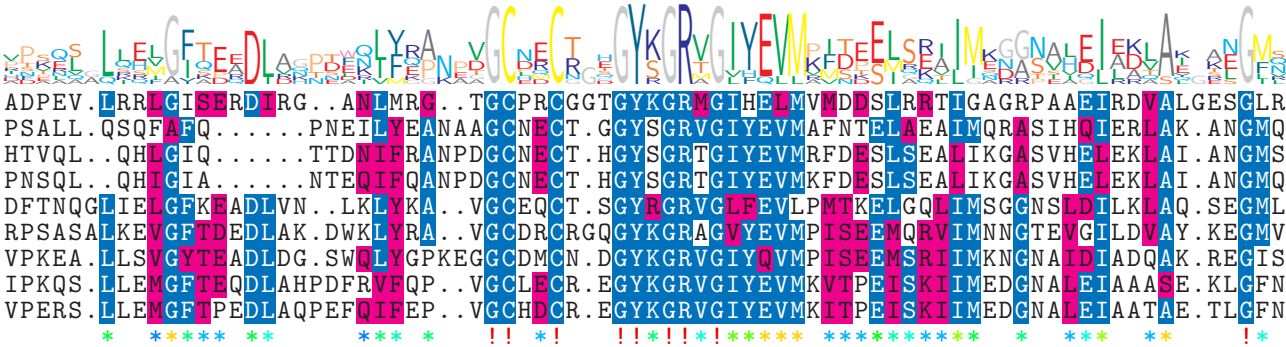
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NTDB id	1058	ABD1	RS01615	WP	001274986.1
NTDB id	1018	ACIAD	RS01685	WP	004920473.1
consensus					



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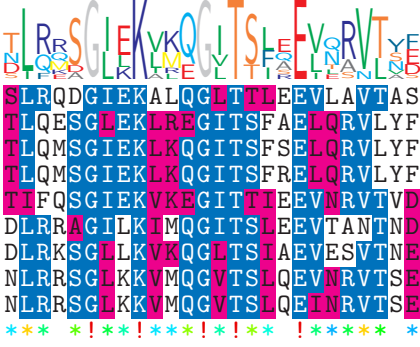
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NTDB id	83496	ZMTM	RS10675	WP	221763835.1
NTDB id	1058	ABD1	RS01615	WP	001274986.1
NTDB id	1018	ACIAD	RS01685	WP	004920473.1
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NTDB id	1306	DR	RS10060	WP	027479822.1
NTDB id	1168	A1552VC	RS11070	WP	000957200.1
NTDB id	1293	VP	RS12240	WP	005479695.1
NTDB id	1401	DSB67	RS12665	WP	010643259.1
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NTDB id	1058	ABD1	RS01615	WP	001274986.1
NTDB id	1018	ACIAD	RS01685	WP	004920473.1
consensus					



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 non conserved
 similar
 $\geq 50\%$ conserved