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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 185148 AS012 RS09185 WP 003689817.1	.....	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 1058 ABD1 RS01615 WP 001274986.1		0
consensus		

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NTDB id 1306 DR RS10060 WP 027479822.1	SIRPQTALNLQAFPPFALEGDRRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEI WVPSGASDA	160
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 185148 AS012 RS09185 WP 003689817.1	.....	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 1058 ABD1 RS01615 WP 001274986.1		0
consensus		

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NTDB id 1306 DR RS10060 WP 027479822.1	GRTGGKLGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFGHPGEEVLGSM	240
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 185148 AS012 RS09185 WP 003689817.1	.....	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 1058 ABD1 RS01615 WP 001274986.1		0
consensus		

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NTDB id 1306 DR RS10060 WP 027479822.1	LRADALRLLAVPVDETEQGVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGRLGEQLVQEGT LSRDQL	320
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 185148 AS012 RS09185 WP 003689817.1	.....	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 1058 ABD1 RS01615 WP 001274986.1	.....	0
consensus		

NTDB	id	1306	DR	RS10060	WP	027479822.1	REALQVQAREGKVKP	LGEVITELGFASPD	EVDSALQKQNVGG	RLEDTLVQSGKLSPEM	LARSLAAQLGYEFL	DPIDQNP	400
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1	.....	MLTNLVALLRQAELISAT	QEQAQVTVQSASGTSV	PEALLLELSIFHAQELTEQ	LSHIFGLPETDLSR	YDY	69
NTDB	id	1293	VP	RS12240	WP	005479695.1	.....	MHSNLSTILRQKGLLTS	QEESLIEQVKASGISM	PEALLSSGFFTSSELAEHL	SSIFGLSQPELSQ	Y	69
NTDB	id	1401	DSB67	RS12665	WP	010643259.1	.....	MLTNLSTVLRQAGILTS	QEESSLLEQVKASGISM	PEALLSSGFFQSHELTEH	LSVFGLSCTSLNQ	Y	69
NTDB	id	185148	AS012	RS09185	WP	003689817.1	.....	MSVGLLRLLVQNKVVTV	EQAEHYY.NESQAGKEVL	PMLFSDGVTSPKSLAAL	IARVFSYSIDL	RHYPR	68
NTDB	id	1110	NGFG	RS09235	WP	003689817.1	.....	MSVGLLRLLVQNKVVTV	EQAEHYY.NESQAGKEVL	PMLFSDGVTSPKSLAAL	IARVFSYSIDL	RHYPR	68
NTDB	id	1251	GC085	RS07725	WP	011946523.1	...	MALATEEYRLQGITGLLV	LEKLLDKTKAIELHKLAA	EKISLLQYIVKNKILSAEQ	IALTAAQNFVGVM	LDINCIDV	77
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1	...	MSAFTTPPKFTSGFIRRL	VEEGYVNAQNMQQALEK	AKKFKQDIVPYLIDNFS	ISPLTIAEITISLEFGEPL	LDLGVFDP	77
NTDB	id	1058	ABD1	RS01615	WP	001274986.1	...	MSALHTSPKFTGFFRRL	VEEKHVSAAATMQTALDA	AKRAKQDVTAYLIEEVHL	LSPSLAETISAEFAEYPFD	LDVYDT	77
consensus								* * * *	* * * *	* * * *	* * * *	* * * *	

NTDB id 1306 DR RS10060 WP 027479822.1	DPKVALMIP [*] EATARRV ^{***} VVV ^{*****} PVRLQ ^{*****} GNSLV ^{*****} VAMKDPRNVFALDD ^{*****} LKLITGKEILPA ^{*****} VMAEKD ^{*****} IIRLTIERY ^{*****} FGKEGF ^{*****} EKLNK	480
NTDB id 1168 A1552VC RS11070 WP 000957200.1	ANLCQQQLGLRELITTRYDALPIAKQGNNLLLA ^{*****} VSVDPTLLQAEEEF ^{*****} RFRATGLQVELALADHRA ^{*****} LQAIIRRLYGRSIIQGAANQ	149
NTDB id 1293 VP RS12240 WP 005479695.1	ASLCQQQLGLRELITRHNALPLHRTPSTLLLAVADPTNQAEDDFR ^{*****} FATGLQVELVLADFRELSTAIRR ^{*****} LYGRSL ^{*****} SHEKSG	149
NTDB id 1401 DSB67 RS12665 WP 010643259.1	ASLCQTILGLRDILTRHNALPLNR ^{*****} TSS ^{*****} TLILAVADPTNLQAEDDFR ^{*****} FATGLQVELVLADFRELTAIIRRLYGRSLGQEKGSG	149
NTDB id 185148 ASO12 RS09185 WP 003689817.1	HRVLMGVLT ^{*****} TEEQMV ^{*****} EFHCVPVFRRGDKVFFA ^{*****} VS ^{*****} DPTQMPPQIKT ^{*****} TVSAAGIAVELVIVEDDDQLAGLLDWVGS ^{*****} RSTS ^{*****} .LQ	146
NTDB id 1110 NGFG RS09235 WP 003689817.1	HRVLMGVLT ^{*****} TEEQMV ^{*****} EFHCVPVFRRGDKVFFA ^{*****} VS ^{*****} DPTQMPPQIKT ^{*****} TVSAAGIAVELVIVEDDDQLAGLLDWVGS ^{*****} RSTS ^{*****} SL.LQ	146
NTDB id 1251 GC085 RS07725 WP 011946523.1	GTIPVNLVNEKLIKRRHAMVPLFSRGTNLYLATDPSKQASLKFIQFHTGLNTHAIVVETDKLSALIDNLLTAKESSQGLSE	157
NTDB id 1018 ACIAD RS01685 WP 004920473.1	ALFLKDKIDEKLIQKYRIMPLVHRGHVLYVATSNPNTIEAMD ^{*****} AIRFNSK ^{*****} LKV ^{*****} EPIVEHDKLERLLSEHFVEETHFNFD ^{*****} T	157
NTDB id 1058 ABD1 RS01615 WP 001274986.1	SQTPKDLVDQKLLKHKRILLPLIQRGQILYVATSNPNSIEAIDAIRFNSKLLVEPVIVEHHKLEKVLGGHFAEES ^{*****} SFDFND	157
consensus	* * * * *	

NTDB id 1306	DR RS10060 WP 027479822.1	E L A E . . R N K T Q S Q E A D L S V A D E S A I V Q V V D S I I R E A A L Q D A S D I H I E T T E D A V K V Y R I D G A L R E Q N S F P	549
NTDB id 1168	A1552VC RS11070 WP 000957200.1	G K . . E I S Q D E L A N L V K V S D E L Q S T E D L S Q D D S P V S R F I N Q V L L D A V R K G A S D I H F E P Y E N Q Y R I R L R C D G I L V E T Q Q P A	227
NTDB id 1293	VP RS12240 WP 005479695.1	L K . . E I N Q E E L A S L V D V G A D E I D N I E D L S Q D E S P V S R Y I N Q I L L D A V R K G A S D I H F E P Y E K M Y R V R L R C D G I L I E T Q Q P P	227
NTDB id 1401	DSB67 RS12665 WP 010643259.1	L K . . E I N Q D E L A G L V D I G E D E I N I E D L S Q D E S P V S R Y I N Q I L L D A V R K G A S D I H F E P Y E N M Y R V R L R C D G I L I E I Q Q P P	227
NTDB id 185148	ASO12 RS09185 WP 003689817.1	E L G E G Q E E E S H T L Y I D N E E A E D G P V P R F I H K T L S D A L R S G A S D I H F E F Y E H N A R I R F R V D G Q L R E V V Q P P	217
NTDB id 1110	NGFG RS09235 WP 003689817.1	E L G E G Q E E E S H T L Y I D N E E A E D G P V P R F I H K T L S D A L R S G A S D I H F E F Y E H N A R I R F R V D G Q L R E V V Q P P	217
NTDB id 1251	GC085 RS07725 WP 011946523.1	Y V E D S G D L E G L E I S A D . D E D Q D I D T A T S V T D D A P I V K F V N K I L L D A I R Q G A S D I H F E P Y E R E Y R I R Y R Q D G I L H E V A T P P	236
NTDB id 1018	ACTIAD RS01685 WP 004920473.1	E . . . E L D . . L D V E V D P H T T D D D D E D D K L K D E A P I V K Y I N K L L I D A I R M S A S D L H F E P Y E K S Y R V R Y R V D G V L R L I A T P P	231
NTDB id 1058	ABD1 RS01615 WP 001274986.1	E . . . E F D . . L D V N L D G P T A Q E D E E A P Q G D E A P I V K Y I N K L L I D A I R M S A S D L H F E P Y E K S Y R V R Y R V D G V L R Q I A N P P	231
consensus		* * * * *	

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NTDB id	1306	DR	RS10060	WP	027479822.1
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	1110	NGFG	RS09235	WP	003689817.1
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NTDB id	1018	ACIAD	RS01685	WP	004920473.1
NTDB id	1058	ABD1	RS01615	WP	001274986.1
consensus					



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NTDB id	1401	DSB67	RS12665	WP	010643259.1
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NTDB id	1018	ACIAD	RS01685	WP	004920473.1
NTDB id	1058	ABD1	RS01615	WP	001274986.1
consensus					



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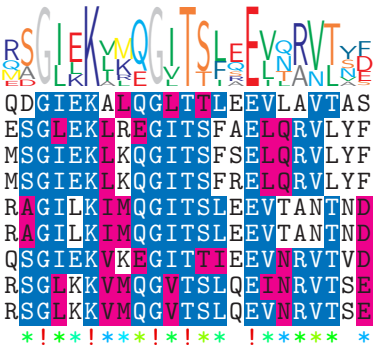
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NTDB id	1168	A1552VC	RS11070	WP	000957200.1
NTDB id	1293	VP	RS12240	WP	005479695.1
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NTDB id	1251	GC085	RS07725	WP	011946523.1
NTDB id	1018	ACIAD	RS01685	WP	004920473.1
NTDB id	1058	ABD1	RS01615	WP	001274986.1
consensus					



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NTDB id	1306	DR	RS10060	WP	027479822.1
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NTDB id	1293	VP	RS12240	WP	005479695.1
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	1058	ABD1	RS01615	WP	001274986.1
consensus					



887
562
561
561
558
558
574
570
570

 non conserved
 similar
 $\geq 50\%$ conserved