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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 215981 BZG33 RS09965 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	SIRPQTALNLQAFPFAL EGDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEI 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 215981 BZG33 RS09965 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	GRTGGKLGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVLGSM	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 215981 BZG33 RS09965 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 DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGR LGEQLVQEGT 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 215981 BZG33 RS09965 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	REALQVQAREGKVKPLGEVITELGFASPD	EVD	SALQKQNVGGRL	EDTLVQS	GKLSP	EMPLARS	LAAQLGYEFLDPIQNPP	400
NTDB id	1168	A1552VC RS11070 WP	000957200.1	MLTNLVAILLRQAELISATQE	QAVVTQVSAS	GTSVP	EALLLELSIFHAQELTEQ	LSHIFGLPETDL	SRDY	69	
NTDB id	1293	VP RS12240 WP	005479695.1	MHSNLTSLLRQKGLLTFSQEES	LIEQVKASGISMP	EALLSSGFF	TSSSELAEHLSSIF	GLSQPELSQY	69		
NTDB id	1401	DSB67 RS12665 WP	010643259.1	MLTNLSTVLVRQAAGILTF	QEESSLLEQVKASGISMP	EALLSSGFFQSHEL	TEHLSVFGLSCT	SLNQYEY	69		
NTDB id	215981	BZG33 RS09965 WP	003689817.1	MSVGLLRLLVQNKVVTV	EQAEHYH.NESQAGKEVLP	PMLFSDGVISP	KSLAALIARVFSYSI	LDLRHYPR	68		
NTDB id	1110	NGFG RS09235 WP	003689817.1	MSVGLLRLLVQNKVVTV	EQAEHYH.NESQAGKEVLP	PMLFSDGVISP	KSLAALIARVFSYSI	LDLRHYPR	68		
NTDB id	1251	GC085 RS07725 WP	011946523.1	...MALATEEYRLQGITGLLVLEKLLDKTKAIELHKLAAA	EKISLLQYIVKNKI	LSAEQTALTA	AQNFVGVMPLDINCIDV	77			
NTDB id	1018	ACIAD RS01685 WP	004920473.1	...MSAFTPPKPFTSGFIRRLVEEGYVNAQNM	QQALEKAKKFQDIVPYLI	DNFSISPLTTAEIT	ISLEFGEPLDLGVFDP	77			
NTDB id	1058	ABD1 RS01615 WP	001274986.1	...MSALHTSPKFTGFFRRLVBEKHVS	AATMQTALDAAKRAKQDT	VAYLIEEVHLSPSL	LAETISAFAEPYFDLDVYDT	77			
consensus				* * *	* * *	* * *	* * *	* * *	* * *	* * *	

NTDB	id	1306	DR	RS10060	WP	027479822.1	DPKVALMIP [*] EATARRV ^{***} VVV [!] PVRLQ ^{***} GNSLV [!] VAMKDPRNVFALDD ^{*****} LKLITGKEILPA ^{*****} VMAEKD ^{*****} IIRL ^{*****} TIERY ^{*****} FGKGF ^{*****} EFLNK	480
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1	ANLCQQQLGLRELITTRYDALPIAKQGNNLLLA ^{*****} VS ^{*****} DPTLLQAEEEF ^{*****} RFRATGLQVELALA ^{*****} ADHRA ^{*****} LQAAI ^{*****} RRLYGRSIIQGA ^{*****} NQ	149
NTDB	id	1293	VP	RS12240	WP	005479695.1	ASLCQQQLGLRELITRHNALLPLHRT ^{*****} PSTLLLAVADPTNQAEDDFR ^{*****} FATGLQVELVLAD ^{*****} FRELSTAIRR ^{*****} LYGRSL ^{*****} SHEKS ^{*****} G	149
NTDB	id	1401	DSB67	RS12665	WP	010643259.1	ASLCQTLLGLRD ^{*****} LITRHNALLPLNR ^{*****} TSS ^{*****} TLILAVADPTNLQAEDDFR ^{*****} FATGLQVELVLAD ^{*****} FRELTAAIR ^{*****} LYGRSLGQEKS ^{*****} G	149
NTDB	id	215981	BZG33	RS09965	WP	003689817.1	HRLVMGVLTTEE ^{*****} QMVEFHCV ^{*****} PVFRRGDKVFFAVSDPTQMPQIKT ^{*****} TVSAAGIAVELVIVEDDQLAGLLDW ^{*****} VGSRSTS ^{*****} .LQ	146
NTDB	id	1110	NGFG	RS09235	WP	003689817.1	HRLVMGVLTTEE ^{*****} QMVEFHCV ^{*****} PVFRRGDKVFFAVSDPTQMPQIKT ^{*****} TVSAAGIAVELVIVEDDQLAGLLDW ^{*****} VGSRSTS ^{*****} .LQ	146
NTDB	id	1251	GC085	RS07725	WP	011946523.1	GTIPVNLLVNEKLIKRRHAMVPLFSRGTNLYLATDPSKQASLKFIQFHTGLNTHAIVVETDKLSALIDNLLTAKES ^{*****} SQGLSE	157
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1	ALFLKDKIDEKLIQKYRIMPLVHRGHVLYVATSNPTNI ^{*****} EAMD ^{*****} AIRFNSKLKV ^{*****} VEPIIVEHDKLERLLSEHFVEETHFNFD ^{*****} T	157
NTDB	id	1058	ABD1	RS01615	WP	001274986.1	SQTPKLDVDQKLILKHRIPLLQIRGGQILYVATSNSPNIEAIDAIRFNSKLLVEPVIVEHHKLEKVLGQHFAEES ^{*****} SDFDND	157
consensus							* * * * *	

NTDB id 1306	DR RS10060 WP 027479822.1	EL.....AE..RNKTQSQSEADLSVA	DESAIVQVVDSTIREAALQDASDIHIETT	EDAVKVRVYRIDGALREQNSFP	549
NTDB id 1168	A1552VC RS11070 WP 000957200.1	GK...EISQDELANLVKVSDELQSTEDLSQ	DDSPVSRFINQVLLDAVRKGASDIHFEPYENQ	YRIRLRCDGILVETQPPA	227
NTDB id 1293	VP RS12240 WP 005479695.1	LK...EINQEELASLVVVGADIEDNI	EDLSQDESPVSRYINQILLDAVRKGASDIHFEPY	EYKMYRVRLRCDGILIIETQPPP	227
NTDB id 1401	DSB67 RS12665 WP 010643259.1	LK...EINQDELAGLVDIGEIDENIEDLSQ	DESPVSRYINQILLDAVRKGASDIHFEPYENMY	RVRLRCDGILIIETQPPP	227
NTDB id 215981	BZG33 RS09965 WP 003689817.1	EL.....EGGQEEEEHSHTLYIDNEEA	EDGPVPRFIHKTLSDALRSGASDIHFEFYEHNA	RIRFRVDDGQLREVVQPP	217
NTDB id 1110	NGFG RS09235 WP 003689817.1	EL.....EGGQEEEEHSHTLYIDNEEA	EDGPVPRFIHKTLSDALRSGASDIHFEFYEHNA	RIRFRVDDGQLREVVQPP	217
NTDB id 1251	GC085 RS07725 WP 011946523.1	YVEDSGDLEGLAISAD.DEDQDIDTATSVT	DDAIPVKFVNKILLDAIRQGASDIHFEPYEREY	YRIRYRQDGIILHEVATPP	236
NTDB id 1018	ACIAD RS01685 WP 004920473.1	E...ELD...LDVEVDPHTTDDDDDEDKCLK	DEAPIVKYINKLLIDAIRMSASDLHFEPYEKS	YRVRYRVGVLRLIATPP	231
NTDB id 1058	ABD1 RS01615 WP 001274986.1	E...EFD...LDVNLDPGTAQEDEEAPQGG	DEAPIVKYINKLLIDAIRMSASDLHFEPYEKS	YRVRYRVGVLRLQIANPP	231
consensus		* * * * *	* * * * *	* * * * *	

[illegible]

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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
NTDB id	215981	BZG33	RS09965	WP	003689817.1
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
consensus					



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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
NTDB id	215981	BZG33	RS09965	WP	003689817.1
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
consensus					



786
465
465
465
457
457
475
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469

logo

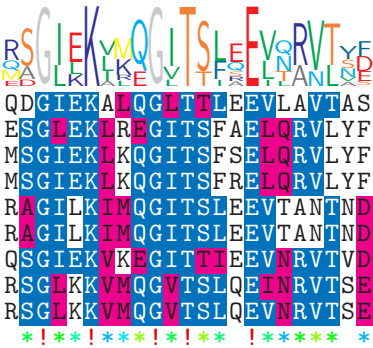
NTDB id	1306	DR	RS10060	WP	027479822.1
NTDB id	1168	A1552VC	RS11070	WP	000957200.1
NTDB id	1293	VP	RS12240	WP	005479695.1
NTDB id	1401	DSB67	RS12665	WP	010643259.1
NTDB id	215981	BZG33	RS09965	WP	003689817.1
NTDB id	1110	NGFG	RS09235	WP	003689817.1
NTDB id	1251	GC085	RS07725	WP	011946523.1
NTDB id	1018	ACIAD	RS01685	WP	004920473.1
NTDB id	1058	ABD1	RS01615	WP	001274986.1
consensus					



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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
NTDB id	215981	BZG33	RS09965	WP	003689817.1
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
consensus					



887
562
561
561
558
558
574
570
570

 non conserved
 similar
 $\geq 50\%$ conserved