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NTDB id 1410 SGL RS13950 WP 010873519.1	MSXLTIGDRRLGAALLDGYLDLQLRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV	80
NTDB id 1306 DR RS10060 WP 027479822.1	.MALSIGDRRLGAILLDQGYLGDNLDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAL	79
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1468 ASU2 RS05090 WP 014991734.1	.....	0
NTDB id 78319 IY59 RS00745 WP 000650595.1	.....	0
NTDB id 1436 BW25113 RS00530 WP 001025145.1	.....	0
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 1018 ACIAD RS01685 WP 004920473.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	SEYFSAKELRAFPFALSEESRYRVAFYBPLSSEYEDSGFYEPYQTEREYAAAYAHYPELGLEYMPSc	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1306 DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPFALE..GDRRLVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA	157
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1468 ASU2 RS05090 WP 014991734.1	.....	0
NTDB id 78319 IY59 RS00745 WP 000650595.1		0
NTDB id 1436 BW25113 RS00530 WP 001025145.1		0
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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 1410 SGL RS13950 WP 010873519.1		0
NTDB id 1028 TT RS08215 WP 011173991.1	SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237
NTDB id 1306 DR RS10060 WP 027479822.1	SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFGHPGEEVL	237
NTDB id 1366 NTHI RS01950 WP 011271972.1		0
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NTDB id 1468 ASU2 RS05090 WP 014991734.1		0
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
consensus		

NTDB id 1410	SGL RS13950 WP 010873519.1	MTS	3
NTDB id 1028	TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYLA LPQAWEELFRRAYPQKNRLGEVLVQE GKLSR	317
NTDB id 1306	DR RS10060 WP 027479822.1	GSM LRADALRLLAVPVDETEQGVT VLTSDPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPQRGR LGEQLVQEGTL SR	317
NTDB id 1366	NTHI RS01950 WP 011271972.1		0
NTDB id 1355	HI 0298 AAC21962.1		0
NTDB id 1384	A4U84 RS08525 WP 010787006.1		0
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NTDB id 1401	DSB67 RS12665 WP 010643259.1		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
consensus			

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NTDB	id	1410	SGL	RS13950	WP	010873519.1	SSSSKKSRVAALRNYFSPFGNK	L	VAGGHVDAEQLRQALVQVKKTGRS	L	PEELKAVTGRELSPEL	R	QYKKNQLFELKVL	Y		83	
NTDB	id	1028	TT	RS08215	WP	011173991.1	EALKEALEVQKGLPRAKPLGEIL	L	VELGLARPEDVEEALQKQRRGGGRL	E	DTLV..QSGKLRPEALAQA.....	VATQL				388	
NTDB	id	1306	DR	RS10060	WP	027479822.1	DQLREALQVQAREGKVKPLGEVI	I	TELGFASPDEVDLSALQKQNVGGGRL	E	DTLV..QSGKLSPEMLARS.....	LAAQL				388	
NTDB	id	1366	NTHI	RS01950	WP	011271972.1					M	TSYA.....LLHTQRVT	AQ.....NGEI	F		20	
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NTDB	id	1384	A4U84	RS08525	WP	010787006.1					M	SQYT.....ICEQQ.....	TERI	F		15	
NTDB	id	1468	ASU2	RS05090	WP	014991734.1					M	QYS.....VCDMN.....	SQQV	F		14	
NTDB	id	78319	IY59	RS00745	WP	000650595.1	.....									0	
NTDB	id	1436	BW25113	RS00530	WP	001025145.1	.....									0	
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1	.....	M	LTNLVAILRQAE	LISATQE	QAVVTQVSASGTS	V	PEALL..ELSIFHAQE	I	TEQ.....LSHIF	57	
NTDB	id	1293	VP	RS12240	WP	005479695.1	.....	M	HSNLSTILRQKGLLTFS	QEESLIEQVKASGIS	M	PEALL..SSGFFTSS	E	LAEH.....LSSI	F	57	
NTDB	id	1401	DSB67	RS12665	WP	010643259.1	.....	M	LTNLSTVLRQAGILTFS	QEESSLLEQVKASGIS	M	PEALL..SSGFFQSHE	L	TEH.....LSSV	F	57	
NTDB	id	1251	GC085	RS07725	WP	011946523.1		M	ALATEEYRLQGIGQL	L	VLEKLLDKTKAIELHLKAAA	E	KISLLQYIV..KNKILSAEQ	I	ALT.....AAQN	F	65
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1		M	SAFTTPPKFSGFIRRL	V	EEGYVNAQNMQQALEKAKKF	K	QDIPYLI..DNFSISPLT	I	AEI.....ISLE	F	65
NTDB	id	1058	ABD1	RS01615	WP	001274986.1		M	SALHTSPKFTGFFRRL	V	EEKHVSAATMQTALDAAKRAKD	T	VAYLI..EEVHLSPSL	I	AEI.....ISAE	F	65
consensus								*			*		*		*		

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NTDB	id	Accession	Protein	Sequence	Score
NTDB	id 1410	SGL RS13950 WP 010873519.1	CYVDSVDPEVAPIATQQAELIGRFFPLDTCRRF	KFLPLAQAEQEGDPPSVLVAMVDPDNLAAQDELNRILRVKGF...ELRR	161
NTDB	id 1028	TT RS08215 WP 011173991.1	CYPYVDPEEDPPD....PGAPLLLPEDLCRRYGVFPHRLEG...NRLVLLMKDPRN	ILALDDVRLALKRKGLNYEVAPA	460
NTDB	id 1306	DR RS10060 WP 027479822.1	CYEFLDPIQMPPD....PKVALMIPEATARRVYVVPVRLQG...NSLVVAMKDPRN	VFALDDKLITG....KEILPA	455
NTDB	id 1366	NTHI RS01950 WP 011271972.1	TISPD....LWERNQQQSSLLRLRYFALPLKEEN...NRLWLGVDSLSN	LSACETIAFITG....KPV	79
NTDB	id 1355	HI 0298 AAC21962.1	TISPD....LWERNQQQSSLLRLRYFALPLKEEN...NRLWLGVDSLSN	LSACETIAFITG....KPV	79
NTDB	id 1384	A4U84 RS08525 WP 010787006.1	DISPS....RWQKNCEEKQLLLRLYLAVPVQETE...HKLWLAVDDENN	LTACEIFAFTMTH....KQIEPV	74
NTDB	id 1468	ASU2 RS05090 WP 014991734.1	DISES....LWQKNCDEKHLLRLYLAIPIQEND...DTLWLAIIDDMN	NLSACEIFAFAIAH....KTIEPV	73
NTDB	id 78319	IY59 RS00745 WP 000650595.1	MKDAQLNTLCQRHQAVLINSAS...NSITVAVVDAPSHALLDALH	FATQ....KQIDIV	52
NTDB	id 1436	BW25113 RS00530 WP 001025145.1	MNIPQLTALCLRYHGVLLDASE...EVVHVAVVDAPSHALLDALH	FATT....KRIEIT	52
NTDB	id 1168	A1552VC RS11070 WP 000957200.1	CLPETDLSTRYDYA....NLCQQQLGLRELITRYDALPIAKQG...NLLLLAVSDPTL	LQAEEDFRFATG....LQVEL	124
NTDB	id 1293	VP RS12240 WP 005479695.1	GLSQPELSQYEYA....SLCQQLGLRELITRHNALPLHRT...STLLLAVADPTN	LQAEEDFRFATG....LQVEL	124
NTDB	id 1401	DSB67 RS12665 WP 010643259.1	GLSCTSLNQYEYA....SLCQTLGLRDLITRHNALPLNRTS...STLLLAVADPTN	LQAEEDFRFATG....LQVEL	124
NTDB	id 1251	GC085 RS07725 WP 011946523.1	GVPMLDINCIDVG....TIPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATD	DPSKQASLKEIQFHTG....LNTHAI	132
NTDB	id 1018	ACIAD RS01685 WP 004920473.1	GEPLLDLGVFDPA....LFLKDKIDEKLIQKYRIMPLVHRG...HVLVYVATS	NPTNTEAMDAIRFNSK....LKVEPI	132
NTDB	id 1058	ABD1 RS01615 WP 001274986.1	AEPYFDLDVYDTS....QIPKDLVDQKLLKLRILPLIQRG...QILYVATS	NPTNTEAMDAIRFNSK....LLVEPV	132
consensus				* * * * *	

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NTDB id 1410 SGL RS13950 WP 010873519.1
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NTDB id 1306 DR RS10060 WP 027479822.1
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NTDB id 78319 IY59 RS00745 WP 000650595.1
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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

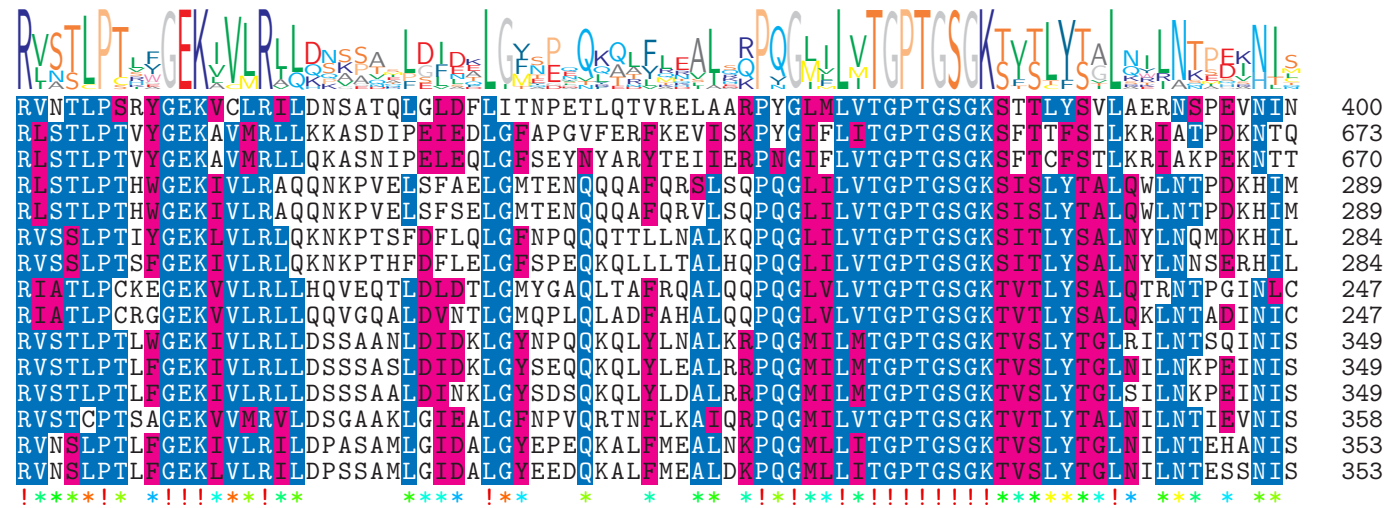
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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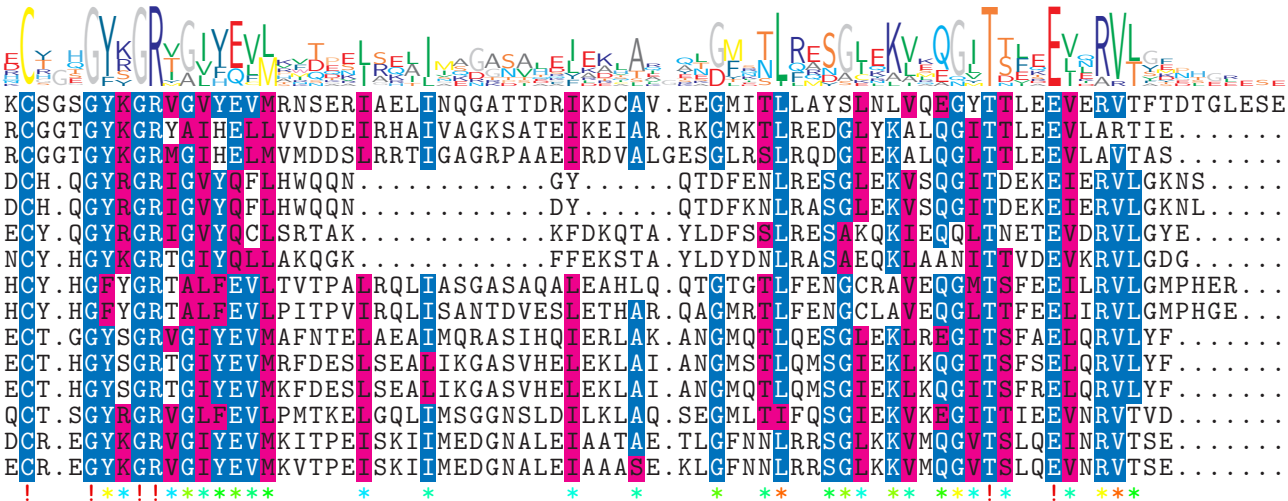
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NTDB id	1018	ACIAD RS01685 WP 004920473.1
NTDB id	1058	ABD1 RS01615 WP 001274986.1
consensus		



559
817
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NTDB id	1410	SGL RS13950 WP 010873519.1
NTDB id	1028	TT RS08215 WP 011173991.1
NTDB id	1306	DR RS10060 WP 027479822.1
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NTDB id	1058	ABD1 RS01615 WP 001274986.1
consensus		



638
889
887
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NTDB id 1410 SGL RS13950 WP 010873519.1	MR A KRKSALTCRTCAAEL Q QEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1		889
NTDB id 1306 DR RS10060 WP 027479822.1		887
NTDB id 1366 NTHI RS01950 WP 011271972.1		464
NTDB id 1355 HI 0298 AAC21962.1		464
NTDB id 1384 A4U84 RS08525 WP 010787006.1		461
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		570
NTDB id 1058 ABD1 RS01615 WP 001274986.1		570
consensus		

- X non conserved
- X similar
- X ≥ 50% conserved