

logo

		MSXLRIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL	79
NTDB id 1306 DR RS10060 WP 027479822.1		.MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL	79
NTDB id 1028 TT RS08215 WP 011173991.1		MSVLTIGDKRLGAILLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1384 A4U84 RS08525 WP 010787006.1		.....	0
NTDB id 1355 HI 0298 AAC21962.1		.....	0
NTDB id 304358 DV365 RS01250 WP 114890120.1		.....	0
NTDB id 1366 NTHI RS01950 WP 011271972.1		.....	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 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		0

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		RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIIVVPSGA	157
NTDB id 1306 DR RS10060 WP 027479822.1		RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIIVVPSGA	157
NTDB id 1028 TT RS08215 WP 011173991.1		ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLISLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1384 A4U84 RS08525 WP 010787006.1		.....	0
NTDB id 1355 HI 0298 AAC21962.1		0
NTDB id 304358 DV365 RS01250 WP 114890120.1		0
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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 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		0


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		SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEEQEGTTFLPNPSGFFHPGEEVL	237
NTDB id 1306 DR RS10060 WP 027479822.1		SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEEQEGTTFLPNPSGFFHPGEEVL	237
NTDB id 1028 TT RS08215 WP 011173991.1		SGEGQKDLKLGELLQKQWISREALEEALVEQEKTGDLGRILV.RKGLPEEALYRALAEQKGLFLESTEGIVPDPSAA	237
NTDB id 1384 A4U84 RS08525 WP 010787006.1		0
NTDB id 1355 HI 0298 AAC21962.1		0
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NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
consensus		0

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NTDB id 1306 DR RS10060 WP 027479822.1	GSMLRADALRLLAVPVDETEQQVTVLTSDPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGRGLGEQLVQEGTLSR	317
NTDB id 1028 TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR	317
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 304358 DV365 RS01250 WP 114890120.1	.....	0
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	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 GC085 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 1306 DR RS10060 WP 027479822.1	DQLREALQVQAREGKVKPLGEVITELGFASPDEVDSALQKQNVGGGRLEDTLVQSGKLSPEMLARSIAAQLGYEFLDPIQ	397
NTDB id 1028 TT RS08215 WP 011173991.1	EALKEALEVQKGLPRAKPLGEIVLELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAAQAVATQLGYPYVDPEE	397
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.....MSQYTI.....CEQQTERIFD.....	16
NTDB id 1355 HI 0298 AAC21962.1	.....MTSYALLHTQRVTAKNGEVFT.....	21
NTDB id 304358 DV365 RS01250 WP 114890120.1MTSYALLHTQRVTAQNGEVFT.....	21
NTDB id 1366 NTHI RS01950 WP 011271972.1MTSYALLHTQRVTAQNGEIFT.....	21
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NTDB id 1293 VP RS12240 WP 005479695.1MHSNLSTILRQKGLLTFQSQESLIEQVKASGISMPPEALLSSGFFTSSELAEHLSSIFGLSQPELSQ	66
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....MSVGLLRILVQNQVVTVEQAEHYH.NESQAGKEVLPMLFSDGVTISPKSLAALIAARVFSYSILDLRH	65
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEEKISLLQYIVKNKILSAEQIALTAAQNFVPMPLDINC	74
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....MSAFTTTPPKFSGFIRRLVEEGYVNAQNMQALEKAKKFKQDIPVYLIDNFSISPLTIAEITISLEFCEPLLDLGV	74
NTDB id 1058 ABD1 RS01615 WP 001274986.1MSALHTSPKFTGFRRRLVEEKHVSAAATMQTALDAAKRAKQDTVAYLIEEVHLSPSLLAETISAFAEPYFDLDV	74
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NTDB id 1306 DR RS10060 WP 027479822.1	NPPDPKVALMPEATARRVVVVPVRLQGNSLVVAMKDPNRNVFALDDKLITG....KELPAVMAEKDIIRLIERFYFGE	472
NTDB id 1028 TT RS08215 WP 011173991.1	DPPDPGAPLILPEDLCRRYGVFPHRLEGNRLVLLMKDPRNILALDDVRLALKRGLNYEVAPAVATEAAITKLIERYFGK	477
NTDB id 1384 A4U84 RS08525 WP 010787006.1	ISPSRWQKNCEEKQLLLRYLAVPVQETEHKLVLAVD DENNTACEIFAFMTH....KQIEPVVITASDELKYLNALSP	91
NTDB id 1355 HI 0298 AAC21962.1	ISPDLWERNQQQSSLILRYFALPLKEENNRLWLGVDLSNL SACETIAFITG....KPVEPILLESSQLKELLQQLTPN	96
NTDB id 304358 DV365 RS01250 WP 114890120.1	ISPDLWERNQQQSSLLILRYFALPLKEENNRLWLGVDLSNL SACETIAFITG....KPVEPILLESSQLKELLQQLTPR	96
NTDB id 1366 NTHI RS01950 WP 011271972.1	ISPDLWERNQQQSSLILRYFALPLKEENNRLWLGVDLSNL SACETIAFITG....KPVEPILLESSQLKELLQQLTPH	96
NTDB id 1168 A1552VC RS11070 WP 000957200.1	YDYANLCQQLGLRELITRYDALPIAKQGNLILLAVSDPTLLQAEEFRFATG....LQVELALADHRALQAAIRRLYGR	141
NTDB id 1401 DSB67 RS12665 WP 010643259.1	YEYASLCQTLGLRDLITRHNAIPLNRTSSTLILAVADPTNLQAEDDFRFATG....LQVELVLADFRELTAAIRRLYGR	141
NTDB id 1293 VP RS12240 WP 005479695.1	YEYASLCQQLGLRELITRHNAIPLHRTPTSTLLAVADPTNQAEDDFRFATG....LQVELVLADFRELSTAIRRLYGR	141
NTDB id 1110 NGFG RS09235 WP 003689817.1	YPRHRVLMGVLTEEQMVVEFHCVPVFRRGDKVFAVSDPTQMPQIKTVSAAG....IAVELVIVEDDQLAGLLDWVGRS	140
NTDB id 1251 GC085 RS07725 WP 011946523.1	IDVGTIPVNLVNEKLIKRRHAMVPLFRGNTLVYATDDPSKQASLKEITQFHTG....LNTHAIVVETDKLSALIDNLLTA	149
NTDB id 1018 ACIAD RS01685 WP 004920473.1	FDPALFLDKIDEKLIQKRYRIMPLVHRGHVLYVATSNPTNIEAMDAIRFNSK....LKVEPIIVEHDKLERLLSEHFVE	149
NTDB id 1058 ABD1 RS01615 WP 001274986.1	YDTSQIPKDLVDQKLLILKHRIIPLIQRGQILYVATSNPSNIEAIDAIRFNSK....LLVEPVIVEHHKLEKVLGQHFAE	149
consensus	* ** * !* ***** ** * * * * * ** * * * *	

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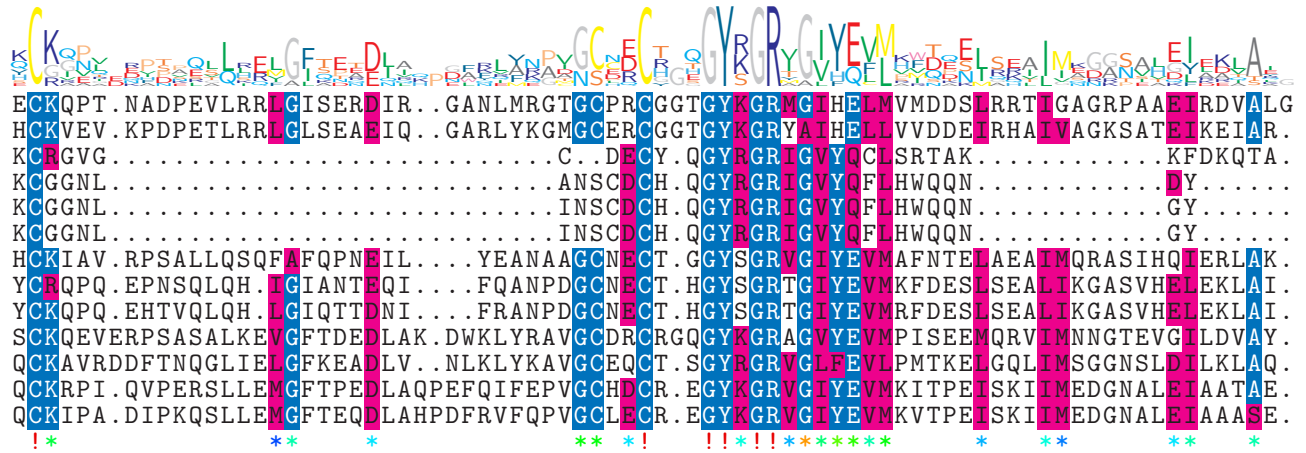
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 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 consensus



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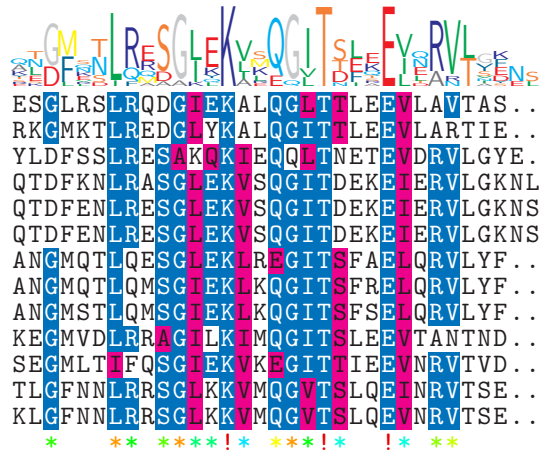
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NTDB id 1306 DR RS10060 WP 027479822.1
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 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 consensus



887
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570

 non conserved
 similar
 $\geq 50\%$ conserved