

logo

		MSXLRIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAAL	79
NTDB id 1306 DR RS10060 WP 027479822.1		.MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAAL	79
NTDB id 1028 TT RS08215 WP 011173991.1		MSVLTIGDKRLGAILLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
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NTDB id 1355 HI 0298 AAC21962.1		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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NTDB id 1028 TT RS08215 WP 011173991.1		ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLISLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
consensus		0

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		SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEEQEGTTFLPNPSGFGHPGEEVL	237
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NTDB id 1251 GC085 RS07725 WP 011946523.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
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consensus		0

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NTDB id 1306 DR RS10060 WP 027479822.1	LSMLRADALRLLAVPVDETEQGVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPQGRGLGEQLVQEGTLSR	317
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NTDB id 1018 ACIAD RS01685 WP 004920473.1	0
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consensus	0

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NTDB id 1058 ABD1 RS01615 WP 001274986.1MSALHTSPKFTGFRRRLVEEKHVSAAATMQTALDAAKRAKQDTVAYLIEEVHLSPSLLAETISAFAEYPFDLDV	74
consensus*.....**.....**.....*	

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NTDB id 1028 TT RS08215 WP 011173991.1	DPPDPGAPLILPEDLCRRYGVFPHRLEGNRLVLLMKDPRNILALDDVRLALKRKLNYEVAPAVATEAAITKLIERYFYGK	477
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NTDB id 47294 R2846 RS01420 WP 011271972.1	ISPDLWERNQQQSSLLRLRYFALPLKEENNRLWLGVDLSNLSACETIAFITG.....KPVEPILLESSQLKELLQQLTPH	96
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NTDB id 1168 A1552VC RS11070 WP 000957200.1	YDYANLCQQLGLRELITRYDALPIAKQGNLILLAVSDPTLLQAEEEFRFATG.....LQVELALADHRAALQAAIRRLYGR	141
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NTDB id 1293 VP RS12240 WP 005479695.1	YEYASLCQQLGLRELITRHNAIPLHRTPTSTLLAVADPTNQAEDDFRFATG.....LQVELVLADFRELSTAIRRLYGR	141
NTDB id 1110 NGFG RS09235 WP 003689817.1	YPRHRVLMGVLTEEQMVVEFHCVPVFRRGDKVFAVSDPTQMPQIKTVSAAG.....IAVELVIVEDDQLAGLLDWVGRS	140
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NTDB id 1058 ABD1 RS01615 WP 001274986.1	YDTSQIPKDLVDQKLLILKHRIIPLIQRGQILYVATSNPSNIEAIDAIRFNSK.....LLVEPVIVEHHKLEKVLGQHFAE	149
consensus*.....**.....**.....*!.....*****.....*.....*.....*.....*.....*.....*.....*	

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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



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logo

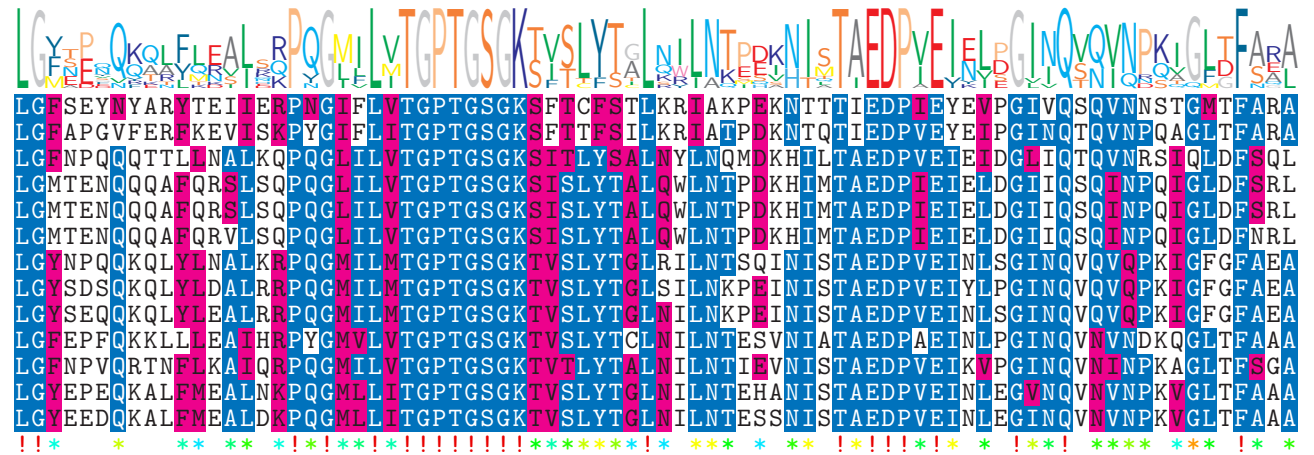
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 consensus



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logo

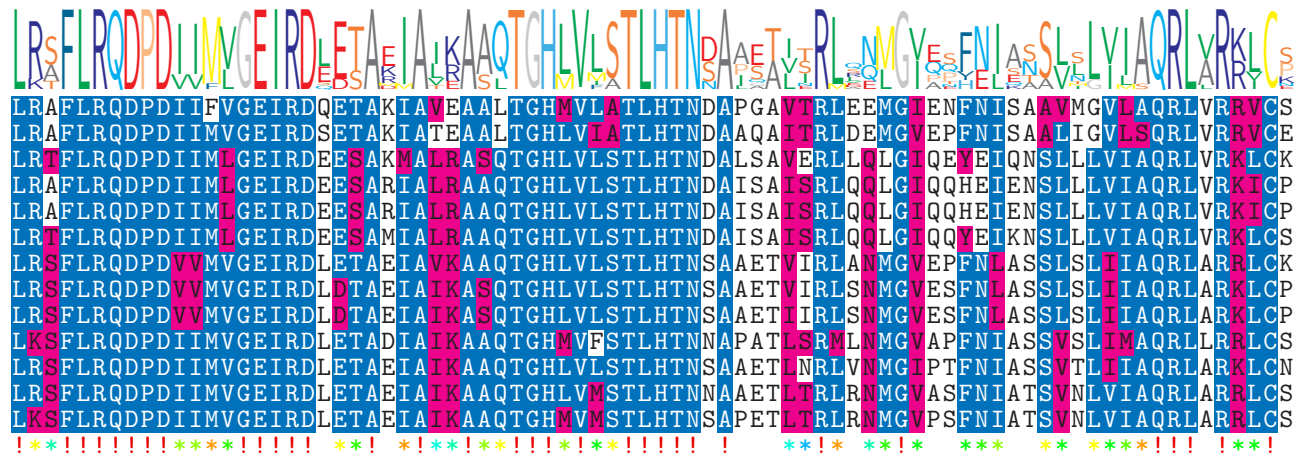
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 consensus



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logo

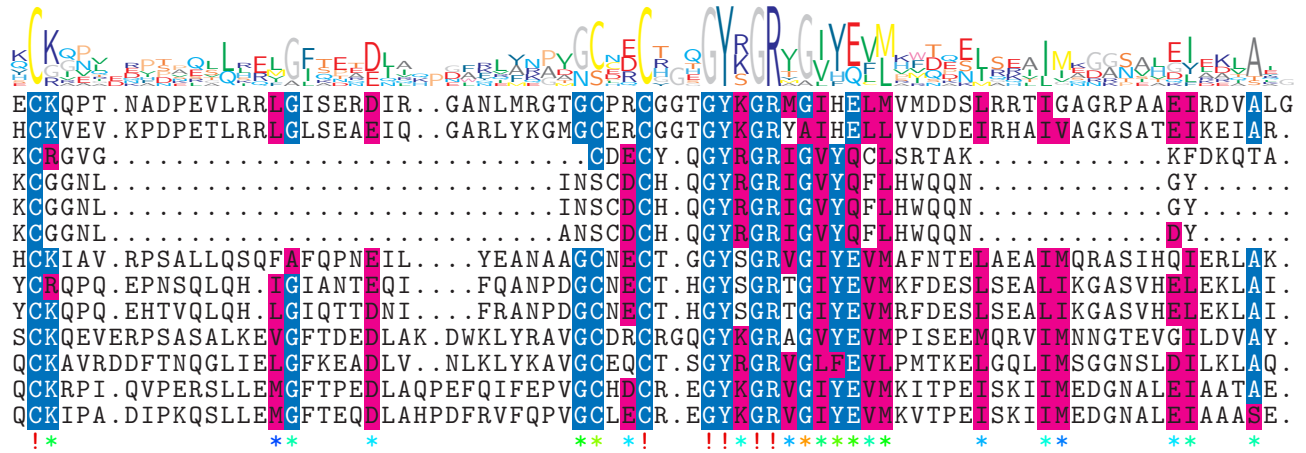
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 consensus



779
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393
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logo

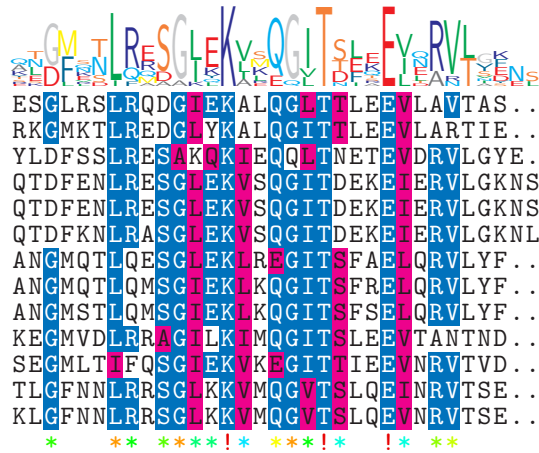
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 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 consensus



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NTDB id 1306 DR RS10060 WP 027479822.1
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 consensus



887
889
461
464
464
464
562
561
561
558
574
570
570

 non conserved
 similar
 $\geq 50\%$ conserved