

logo

		MSXLRIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPPDPAAL	79
NTDB id 1306 DR RS10060 WP 027479822.1		.MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPPDPAAL	79
NTDB id 1028 TT RS08215 WP 011173991.1		MSVLTIGDKRLLGAAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1384 A4U84 RS08525 WP 010787006.1		.....	0
NTDB id 1030758 AB7I05 RS03690 WP 005694368.1		.....	0
NTDB id 1355 HI 0298 AAC21962.1		.....	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 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		0

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		RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLLEIVVPSGA	157
NTDB id 1306 DR RS10060 WP 027479822.1		RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLLEIVVPSGA	157
NTDB id 1028 TT RS08215 WP 011173991.1		ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1384 A4U84 RS08525 WP 010787006.1		0
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NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		0

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		SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	237
NTDB id 1306 DR RS10060 WP 027479822.1		SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	237
NTDB id 1028 TT RS08215 WP 011173991.1		SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237
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NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
NTDB id 1293 VP RS12240 WP 005479695.1		0
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consensus		0

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NTDB id 1306 DR RS10060 WP 027479822.1	GSMLRADALRLLAVPVDETEQGVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGR LGEQLVQEGT LSR	317
NTDB id 1028 TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEV LSDPRHKEAVAQLLNRPARFYLALPQAW EELFRRAYPQKNRLGEVLVQEGK LSR	317
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NTDB id 1401 DSB67 RS12665 WP 010643259.1	0
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consensus	0

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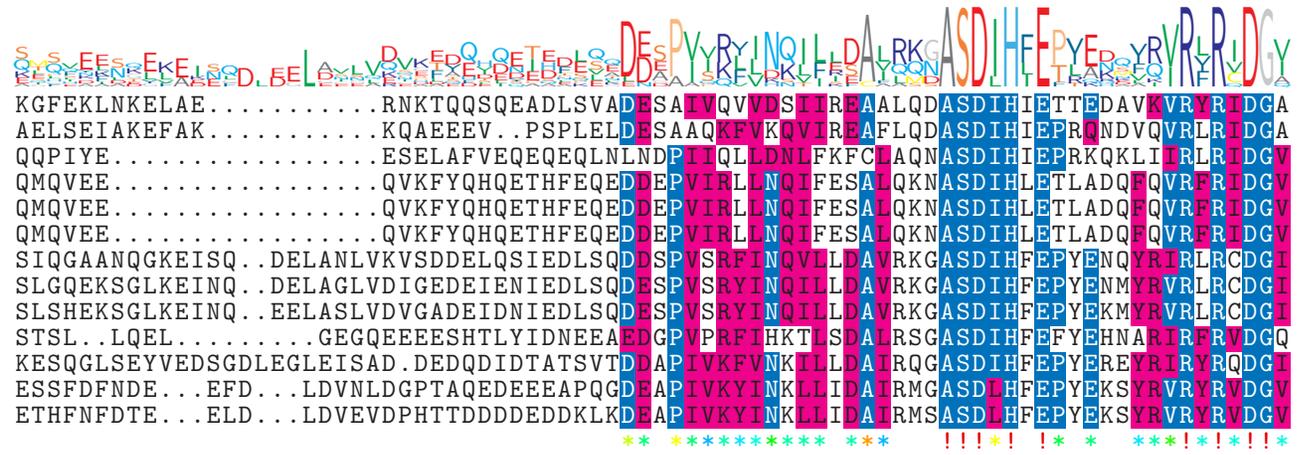
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NTDB id 1028 TT RS08215 WP 011173991.1	EALKEALEVQKGLPRAKPLGEI LVELGLARPEDVEEALQKQRGGGRLEDTLVQSGKLRPEALAAQAVATQLGYPYVDPEE	397
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NTDB id 1018 ACIAD RS01685 WP 004920473.1	74
consensus	74

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NTDB id 1306 DR RS10060 WP 027479822.1	NPPDPKVALM IPEATARRVYVVPVRLQGN SLVVMKDP RNVFALDDKLITG.....K EILPAVMAEKD IIRLIERYFGE	472
NTDB id 1028 TT RS08215 WP 011173991.1	DPPDPGAPL LPEDCRRYGVFPHRLEGNRLVLLMKDPRN IALDDVRLALKRKGLN YEVAPAVATEAAITKLIERYFGK	477
NTDB id 1384 A4U84 RS08525 WP 010787006.1	ISPSRWQKNCEEKQL LRLRYLAVPVQETEHK LLAVD DENNLTACEIFAFMTH.....KQ IEPVVIASDELKYL LNALSPE	91
NTDB id 1030758 AB7I05 RS03690 WP 005694368.1	ISPDLWERNQQQQL LRLRYFALPLKEENR LVLGVDLSNL SACETIAFITG.....KPV EPILESSQLKEL LQQLTPN	96
NTDB id 1355 HI 0298 AAC21962.1	ISPDLWERNQQQQL LRLRYFALPLKEENR LVLGVDLSNL SACETIAFITG.....KPV EPILESSQLKEL LQQLTPN	96
NTDB id 1366 NTHI RS01950 WP 011271972.1	ISPDLWERNQQQQL LRLRYFALPLKEENR LVLGVDLSNL SACETIAFITG.....KPV EPILESSQLKEL LQQLTPN	96
NTDB id 1168 A1552VC RS11070 WP 000957200.1	YDYANLCQQ LGLRELITRYDALPIAKQGN LLLAVSDPTL LQAEEEFRFATG.....LQVELALADHRALQA ATRRLYGR	141
NTDB id 1401 DSB67 RS12665 WP 010643259.1	YEYASLCQTLGLRDLITRHNALPLNRTSSTL LLA VADPTNLQAEDDFRFATG.....LQVELV LADFRELTA ATRRLYGR	141
NTDB id 1293 VP RS12240 WP 005479695.1	YEYASLCQQ LGLRELITRHNALPLHRTPSTL LLA VADPTNQAEDDFRFATG.....LQVELV LADFRELSTA ATRRLYGR	141
NTDB id 1110 NGFG RS09235 WP 003689817.1	YPRHRVLMG VLT EEQMV EHCVPVFRGDKV FFAVSDPTLQMPQIQKT VSAAG.....I AVELVIVEDDQLAGL LDWV GSR	140
NTDB id 1251 GC085 RS07725 WP 011946523.1	IDVGTIPVNLVNEKLIKRRHAMVPLFSRGTNL VYLATDPSKQASLKEIQFHTG.....LNTHAIVVETDKLSAL IDNLLTA	149
NTDB id 1058 ABD1 RS01615 WP 001274986.1	YDTSQIPKDLVDKLLIKHRI LPLIQRGQV LLYVATSNPSNIEAIDAIRFNSK.....LLVEPVIVEH HKLEKVLGQHFAE	149
NTDB id 1018 ACIAD RS01685 WP 004920473.1	FDPALFLKDKIDEK LIQKYRIMPLVHRGHV LLYVATSNPTNIEAMD AIRFNSK.....LKVEPIIVEHDKLERLLSHEFVE	149
consensus	149

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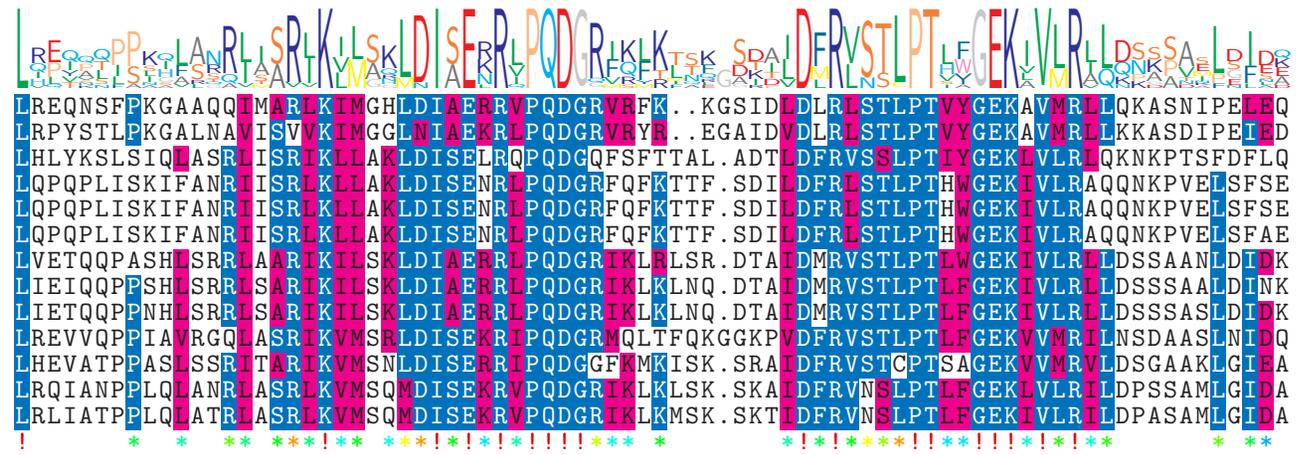
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 consensus



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logo

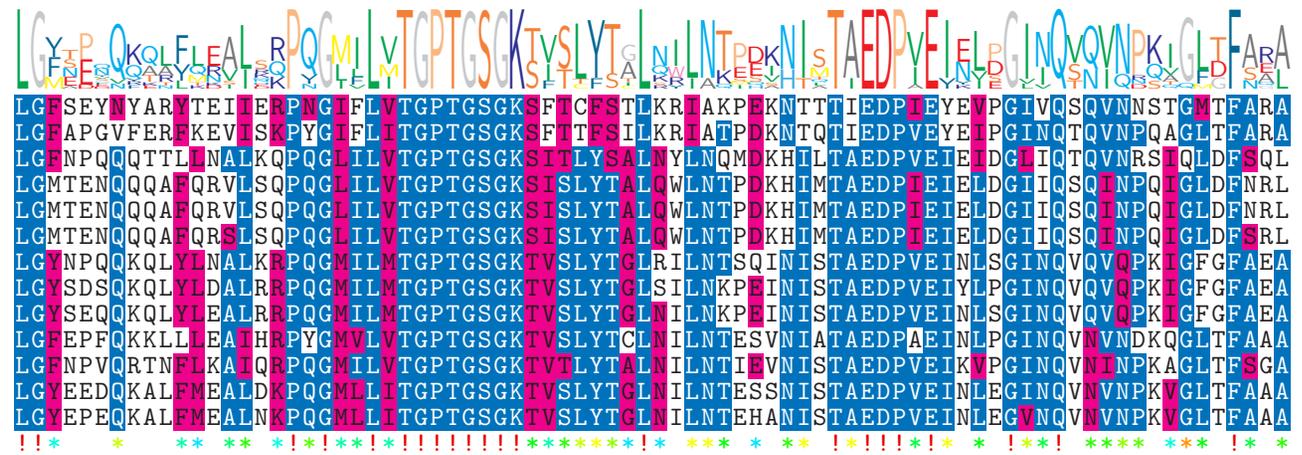
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 NTDB id 1018 ACIAD RS01685 WP 004920473.1
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NTDB id 1306 DR RS10060 WP 027479822.1
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 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



699
702
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318
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378
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387
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382

 non conserved
 similar
 $\geq 50\%$ conserved