

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSXLSIGDRRLGAALLDQGYLDNQLQRALERHREVGGLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKK	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKK	80
NTDB id 1306 DR RS10060 WP 027479822.1	.MALSIGDRRLGAILLDQGYLGNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAL	79
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 1110 NGFG RS09235 WP 003689817.1		0
NTDB id 1251 GC085 RS07725 WP 011946523.1		0
NTDB id 1060768 ACFWP9 RS24545 WP 021264132.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	RLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1306 DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA	157
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consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	SGEGQKDLKLGELLLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	0
NTDB id 1028 TT RS08215 WP 011173991.1	SGEGQKDLKLGELLLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237
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NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
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consensus		

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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	1293	VP	RS12240	WP	005479695.1
NTDB	id	1401	DSB67	RS12665	WP	010643259.1
NTDB	id	1110	NGFG	RS09235	WP	003689817.1
NTDB	id	1251	GC085	RS07725	WP	011946523.1
NTDB	id	1060768	ACFWP9	RS24545	WP	021264132.1
NTDB	id	1058	ABD1	RS01615	WP	001274986.1
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1
consensus						

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LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR	317
GSMRLRADALRLLAVPVDETEQGVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGRLGEQLVQEGTLSR	317
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NTDB	id	1018	ACIAD	RS01685	WP	004920473.1
consensus						

SSSSKKSRAVALRNYFSPFGNKL VAGGHVDAEQLRQALVQVKKTGRSLPEELKAVTGRELSPELLRQYKKNQLFELKVLV	83
EALKEALEVQKGLPRAKPLGETLVELGLARPEDVEEALQKQRRGGRIEDTLV..QSGKLRPEALAAV.....ATQL	388
DQLREALQVQAREGKVKPLGDEVITELGFASPDDEVDSALQKQNVGGRIEDTLV..QSGKLSPEMLARSL.....AAQL	388
.....MLTNLVAILRQAE LISATQEQAVVTQVSASGTSVPEALL..ELSFHAQELTEQL.....SHIF	57
.....MHSNLSITLRQKGLTFSQEESLIEQVKASGISMPEALL..SSGFFTSSELAEHL.....SSIF	57
.....MLTNLSITVLRQAGILTFSQEESLLEQVKASGISMPEALL..SSGFFQSHELTEHL.....SSVF	57
.....MSVGLLRILVQNQVVTVEQAEHYYNES.QAGKEVLPLMF..SDGVI SPKSLAALI.....ARVF	56
.....MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIV..KNKILSAEQIALTA.....AQNF	65
.....MNDSIQLSGLSRQLVQANLLDEKTALQAAQAQRNKL SLVTHLV..QNKLVSGLALAE LS.....AEQF	62
.....MSALHTSPKFTIGFFRRLVEEKHVSAAATMQTALDAAKRAKQD TVAYLI..EEVHLSPSLLAETI.....SAEF	65
.....MSAFTTPPKFSGFIRR LVEEGYVNAQNMQQALEKAKKFKQDIPVYLI..DNFISPLTTAEI I.....SLEF	65
* * * * *	

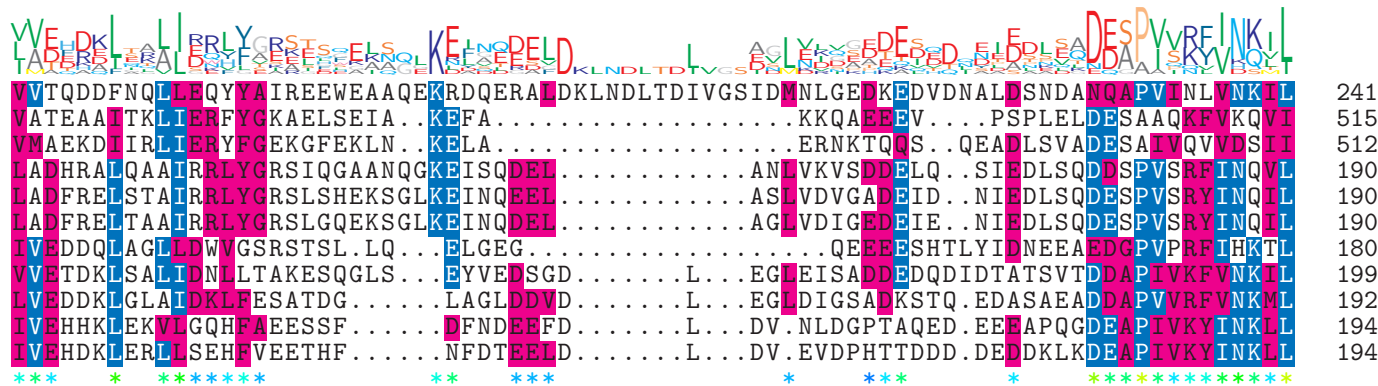
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NTDB	id	1018	ACIAD	RS01685	WP	004920473.1
consensus						

GVDSVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQEGDPSSVLVAMVDPDNLA AQDELNRILRVKGF..ELRRL	161
GYPYVDPEEDPPD....PGAPLLLPEDLCRRYGVPFHRLEG...NRLVLVLMKDPRNIALDDVRLALKRKGLNIEVAPA	460
GYEFLDPIQNPPD....PKVALMIPEATARRYVVVPVRLQG...NSLVVAMKDPRNVFALDDLKLITG.....KETLPA	455
GLPETDLSTRYDYA....NLCCQLGLRELITRYDALPIAKQG...NLLLVAVSDPTLLQAE EEF RFATG.....LQVELA	124
GLSQPELSQYEYA....SLCQQLGLRELITRHNALPLHRT...STLLAVADPTNQQAE DDF RFATG.....LQVELV	124
GLSCTSLNQYEYA....SLCQTLGLRDLITRHNALPLNRTS...STLILAVADPTNIQAEDDFRFATG.....LQVELV	124
SYSILDLRHYP RH....RVLMGVLT EEQMV EFHCVPVFRRG...DKVFFAVSDPTQMPPIQKT VSAAG.....I AVELV	123
GVPMLDINCIDVG....TIPVNLVNEKLIK RHAMVPLFSRG...TNLYLATDDPSKQASLKEIQFHTG.....LNTHAI	132
GIAYCDLNSLDKE....SFPRDAISEKLVRQHRVPLWRRG...NKL FVGISDPANHQAINDVQFSTG.....LTTEAI	129
AEPYFDLDVYDTS....QIPKDLVDQKLILKHRILPLIQRG...QILYVATSNPSNIEAIDAIRFNSK.....LLVEPV	132
GEPLDLGVFDPA....LFLDKKIDEKLIQKYRIMPLVHRG...HVLVYVATSNPTNIEAMDAIRFNSK.....LKVEPI	132
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consensus



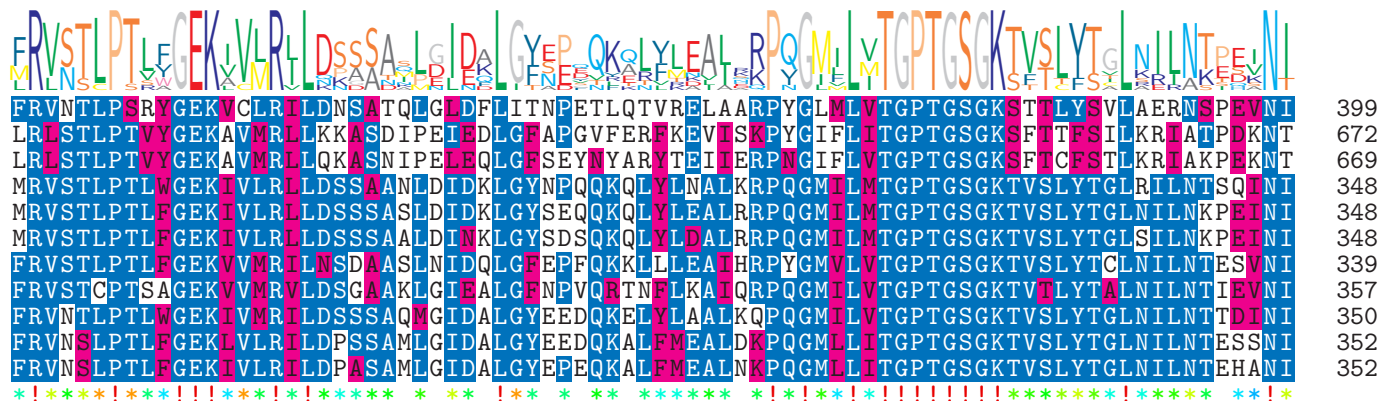
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consensus



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consensus



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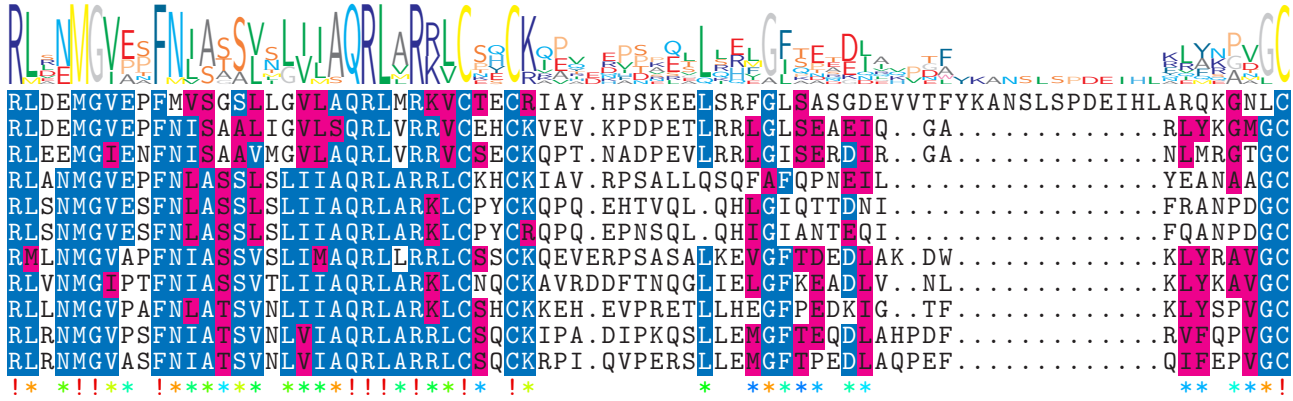
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consensus



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752
749
428
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419
437
430
432
432

logo

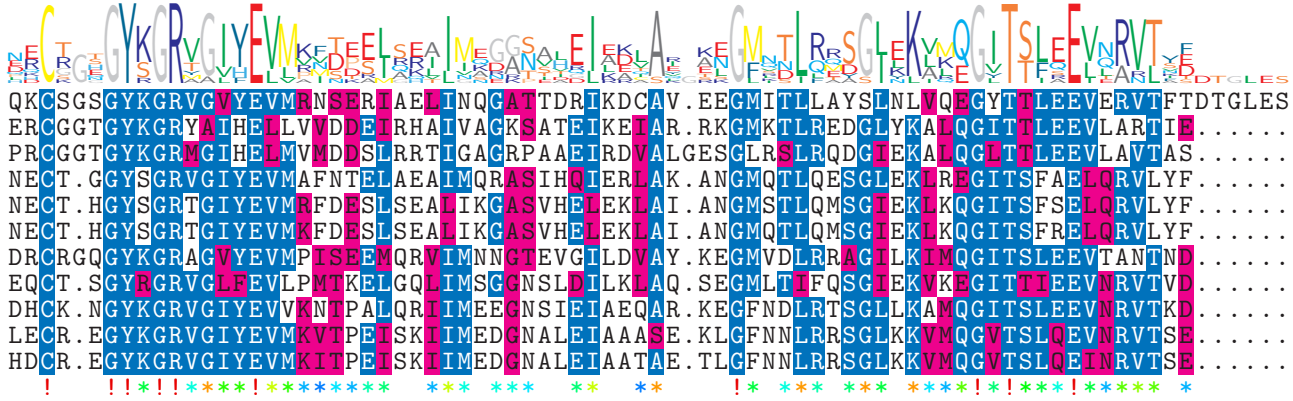
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consensus



558
816
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489
485
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logo

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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consensus



637
889
887
562
561
561
558
574
566
570
570

logo

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NTDB id 1306 DR RS10060 WP 027479822.1		887
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NTDB id 1251 GC085 RS07725 WP 011946523.1		574
NTDB id 1060768 ACFWP9 RS24545 WP 021264132.1		566
NTDB id 1058 ABD1 RS01615 WP 001274986.1		570
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consensus		

-  non conserved
-  similar
-  ≥ 50% conserved