

logo

		MSXLRIGDRRLGAAALLDQGYLGDNDLQRALERHSEVGGRLAELVLYDQGYLSEERRIABXIEBFGIPLVNLHREVEIPPKVK	
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1306	DR RS10060 WP 027479822.1	.MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAAL	79
NTDB id 1028	TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVEGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1293	VP RS12240 WP 005479695.1	.....	0
NTDB id 1072031	ACI3L8 RS10160 WP 404971380.1	.....	0
NTDB id 1401	DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1110	NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	0
consensus			

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		RSLRPAKALNLRAIPFALDEEAGVVRVAFLNPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP	
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1306	DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIIVVPSGA	157
NTDB id 1028	TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1168	A1552VC RS11070 WP 000957200.1	0
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NTDB id 1401	DSB67 RS12665 WP 010643259.1	0
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NTDB id 1251	GCO85 RS07725 WP 011946523.1	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	0
consensus			

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		SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1306	DR RS10060 WP 027479822.1	SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	237
NTDB id 1028	TT RS08215 WP 011173991.1	SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLFLESTEGIVPDPSAA	237
NTDB id 1168	A1552VC RS11070 WP 000957200.1	0
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NTDB id 1401	DSB67 RS12665 WP 010643259.1	0
NTDB id 1110	NGFG RS09235 WP 003689817.1	0
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NTDB id 1058	ABD1 RS01615 WP 001274986.1	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	0
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 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1

.....MTS
 GSMLRADALRLLAVPVDETEQGVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPQGRRLGGEQLVQEGTLSR
 LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR

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NTDB id 1410 SGL RS13950 WP 010873519.1
 NTDB id 1306 DR RS10060 WP 027479822.1
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 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1

SSSSKKSRAVALRNYFSPFGNKL VAGGHVDAEQLRQALVQVKKTGRSLPEELKAVTGRELSPELIRQYKKNQLFELKVLVLY
 DQLREALQVQAREGKVKPLGEVITELGFASPDVDSALQKQNVGGRIEDTLVQ..SGKLSPEMLARS.....LAAQL
 EALKEALEVQKGLPRAKPLGEILVELGLARPEDVEEALQKQRRGGRIEDTLVQ..SGKLRPEALAAQA.....VATQL
MLTINLVAILRQAEILSATQEQAVVTQVSASGTSVPEALLE..LSIFHAQELTEQ.....LSHIF
MHSNLSLILRQKGLLTFSSQEEESLIEQVKASGISMPEALLS..SGFFTSSELAEH.....LSSIF
MLTINLSTVLRQAGILTFSSQEEESLIEQVKASGISMPEALLS..SGFFQSHELTEH.....LSSVF
MLTINLSTVLRQAGILTFSSQEEESLIEQVKASGISMPEALLS..SGFFQSHELTEH.....LSSVF
MSVGLLRILVQNVVITVEQAHHYY.NESQAGKEVLPMLFS..DGVITSPKSLAAL.....IARVF
MALATEEYRLQGITGLVLEKLLDKTKAIELHKLAAAEKISLLQYIVK..NKILSAEQIALT.....AAQNF
MSALHTSPKFTIGFFRRLVVEEKHVSAAATMQTALDAAKRAKQDVTVAYLIE..EVHLSPSLLAET.....TSAEF
MSAFTTPPKFISGFIRRLVVEEGYVNAQNMQALEKAKKFKQDIPVYLID..NFSISPLTIAEI.....ISLEF

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 NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
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 NTDB id 1072031 ACI3L8 RS10160 WP 404971380.1
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 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1

GVDSVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQQEGDPPSVLVAMVDPDNLAAQDELNRILRVKGF..ELRRL
 GYFLDPIQNPDP...PKVALMIPEATARRVYVVPVRLQG...NSLVVAMKDPRNVFALDDLKLTG....KEILPA
 GYPYVDPEEDPPD...PGAPLILPEDLCRRYGVPFRRLEG...NRLVLLMKDPRNILALDDVRLALKRKGLNYEVAPA
 GLPETDLRSRYDYA...NLCQQLGLRELITRYDALPIAKQG...NLLLVAVSDPTLLQAEFEFRFATG.....LQVELA
 GLSQPELSQYEYA...SLCQQLGLRELITRHNALPLHRT...STLLAVADPTNQAEDDFRFATG.....LQVELV
 GLSCTSLNQYEYS...SLCQTLGLRDLITRHNALPLNRTS...STLILAVADPTNQAEDDFRFATG.....LQVELV
 GLSCTSLNQYEYA...SLCQTLGLRDLITRHNALPLNRTS...STLILAVADPTNQAEDDFRFATG.....LQVELV
 SYSILDLRHYPRH...RVLMGVITEEQMVCFHCVPVFRRG...DKVFFAVSDPTQMPQIQKTVSAAG.....IAVELV
 GVPMLDINCIDVG...TIPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDDPSKQASLKEIQFHTG.....LNTHAI
 AEPYFDLDVYDTS...QIPKDLVDQKLILKHRILPLIQRG...QILYVATSNPSNIEAIDAIRFNSK.....LLVEPV
 GEPLLDLGVFDPA...LFLKDKIDEKLIQKYRIMPLVHRG...HVLVATSNPTNIEAMD AIRFNSK.....LKVEPI

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consensus

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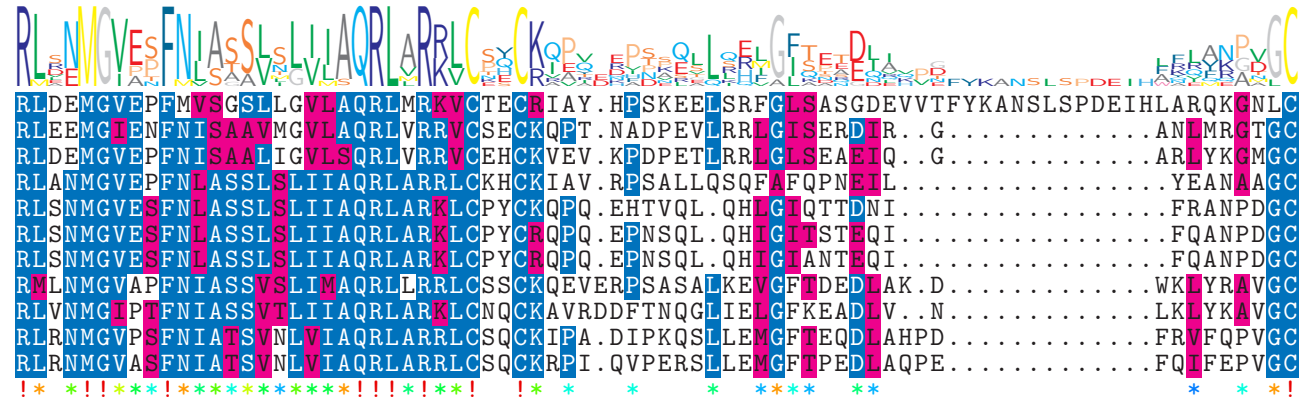
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consensus



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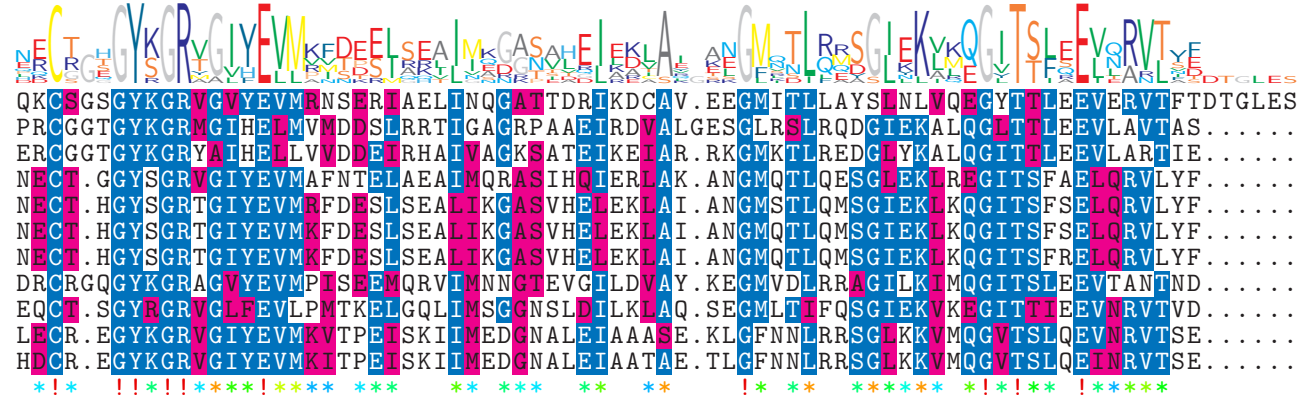
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NTDB id 1306 DR RS10060 WP 027479822.1
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NTDB id 1293 VP RS12240 WP 005479695.1
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NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
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NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1306 DR RS10060 WP 027479822.1
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NTDB id 1293 VP RS12240 WP 005479695.1
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NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
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NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



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NTDB id 1401 DSB67 RS12665 WP 010643259.1	561
NTDB id 1110 NGFG RS09235 WP 003689817.1	558
NTDB id 1251 GC085 RS07725 WP 011946523.1	574
NTDB id 1058 ABD1 RS01615 WP 001274986.1	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	570
consensus		

 non conserved
 similar
 ≥ 50% conserved