

logo

		MSXLRIGDRRLGAALLDAGYLDNQLQRALERHAEVGGRLAEVLYDSGYZERRIASXIEBFGIPLVNLHAEVETBPKK	
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1028	TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV	80
NTDB id 1306	DR RS10060 WP 027479822.1	.....	0
NTDB id 1168	A1552VC RS11070 WP 000957200.1	.MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQDPDPAAL	79
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 1058	ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.....	0
NTDB id 1095953	ACMXD4 RS02710 WP 171696693.1	0
NTDB id 1251	GC085 RS07725 WP 011946523.1	0
consensus		0

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		RSLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1028	TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1306	DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIEIVVPSGA	157
NTDB id 1168	A1552VC RS11070 WP 000957200.1	0
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NTDB id 1018	ACIAD RS01685 WP 004920473.1	0
NTDB id 1095953	ACMXD4 RS02710 WP 171696693.1	0
NTDB id 1251	GC085 RS07725 WP 011946523.1	0
consensus		0

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		SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGFLESTEGIVPDPSAA	
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1028	TT RS08215 WP 011173991.1	SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGFLESTEGIVPDPSAA	237
NTDB id 1306	DR RS10060 WP 027479822.1	SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	237
NTDB id 1168	A1552VC RS11070 WP 000957200.1	0
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NTDB id 1110	NGFG RS09235 WP 003689817.1	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.....	0
NTDB id 1095953	ACMXD4 RS02710 WP 171696693.1	0
NTDB id 1251	GC085 RS07725 WP 011946523.1	0
consensus		0

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 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 NTDB id 1095953 ACMXD4 RS02710 WP 171696693.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1

.....MTS
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 GSMLRADALRLLAVPVDETEQGVTVLTS DPRKRKPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGRLGEQLVQEGTLSR

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 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 NTDB id 1095953 ACMXD4 RS02710 WP 171696693.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1

SSSSKKSRAVALRNYFSPFGNKLVAGCHVDAEQLRQALVQVKKTGRSLPEELKAVTGRELSPELIRQYKKNQLFELKVLVY
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 DQLREALQVQAREGKVKPLGEVITELGFASPDVEVDSALQKQNVGGRIEDTLVQ..SGKLSPEMLARS.....LAAQL
MLTINLVAIILRQAEILISATQEAVVTQVSASGTSVPEALLE..LSIFHAQELTEQ.....LSSHIF
MHSNLSTILRQKGLLTFSQEESLIEQVKASGISMPEALLS..SGFFTSSELAEH.....LSSIF
MLTINLSTVLRQAGILTFSQEESLIEQVKASGISMPEALLS..SGFFQSHELTEH.....LSSVF
MSVGLLRILVQNVVTVVEQAEHYYNESQA.GKEVLPMLFS..DGVISPKSLAAL.....IARVF
MSALHTSPKFTGFFRRLVVEEKHVSAAATMQTALDAAKRAKQDVTVAYLIE..EVHLSPSLAEET.....ISAEF
MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDTPVYLID..NFSISPLTIAEI.....ISLEF
MATAPTNIHFSGLVVKCLIQKGLLTEESAATCLQEAKRQKQAFISYLV..HKYADSKTVATL.....ASAEF
MALATEEYRLQGITGLVLEKLLDKTKAIELHKLAAAEKISLLQYIVK..NKILSAEQIALT.....AAQNF

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NTDB id 1410 SGL RS13950 WP 010873519.1
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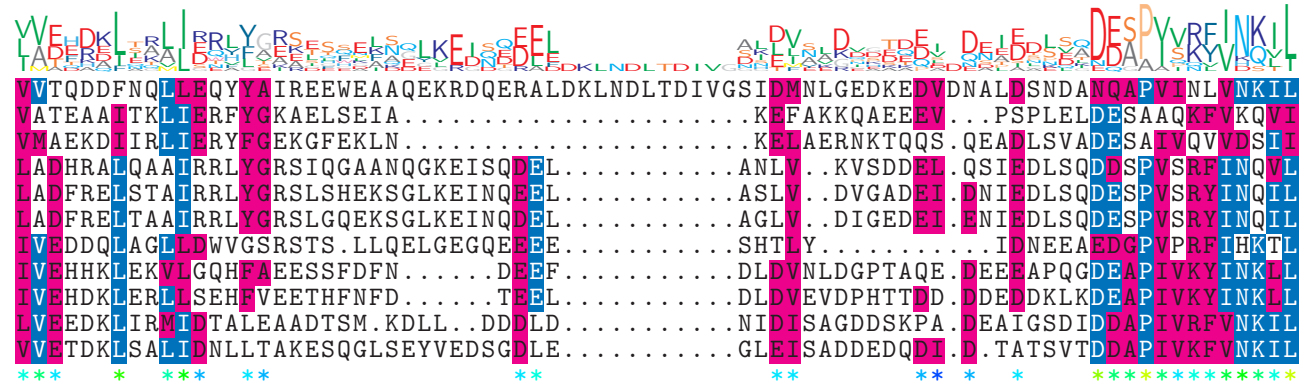
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 GYFDLPDIQNPPD....PKVALMIPAEATARRVVPVRLQG...NSLVVAMKDPRNVFALDDLKLITG.....KETLPA
 GLPETDLRSYDYA....NLCCQLGLRELITRYDALPIAKQG...NLLLVAVSDPTLLQAEFFRFATG.....LQVELA
 GLSQPELSQYEYA....SLCQLGLRELITRHNAALPLHRT...STLLAVADPTNQQAEEDDFRFATG.....LQVELV
 GLSCTSLNQYEA....SLCQLGLRDLITRHNAALPLNRTS...STLILAVADPTNQAEDDFRFATG.....LQVELV
 SYSILDLRHYPRH....RVLMLGVLTEEQMVEFHCVVFRFG...DKVFFAVSDPTQMPQIQKTVSAAG.....IAVELV
 AEPYFDLDVYDTS....QIPKDLVDQKLLIKHRIPLLIQRG...QILYVATSNPSNIEAIDAIRFNSK.....LLVEPV
 GEPLDLGVFDPA....LFLKDKIDEKLIQKYRIMPLVHRG...HVLVYVATSNPTNIEAMDAIRFNSK.....LKVEPI
 GVPFFDLDAIDPS....FLPIKLVSEKLIHQHHAALPLFKRG...NRLFVATADPTNFQALDEIKFHTR.....HNTENI
 GVPMLDINCIDVC....TIPVNLVNEKLIKRHAMVPLFSRG...TNLYLATDPSKQASIKKIQFHTG.....LNTHTI

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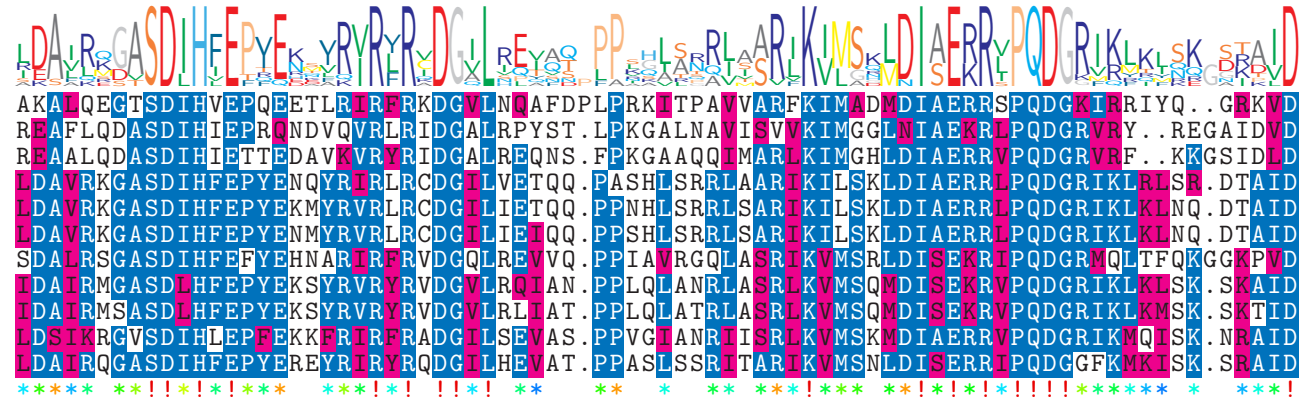
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 NTDB id 1251 GC085 RS07725 WP 011946523.1



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NTDB id 1306 DR RS10060 WP 027479822.1	887
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NTDB id 1058 ABD1 RS01615 WP 001274986.1	570
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NTDB id 1095953 ACMXD4 RS02710 WP 171696693.1	571
NTDB id 1251 GC085 RS07725 WP 011946523.1	574
consensus		

-  non conserved
-  similar
-  $\geq 50\%$ conserved