

logo

		MSXLRIGDRRLGAALLDAGLLTDEELQRALERHREVGGLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKK	0
NTDB id 1410	SGL RS13950 WP 010873519.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKK	80
NTDB id 1028	TT RS08215 WP 011173991.1	.MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAL	79
NTDB id 1306	DR RS10060 WP 027479822.1	.....	0
NTDB id 1110	NGFG RS09235 WP 003689817.1	.....	0
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 1251	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1080105	ACJPHY RS22035 WP 034083986.1	.....	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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		RSLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	0
NTDB id 1410	SGL RS13950 WP 010873519.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1028	TT RS08215 WP 011173991.1	RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLLEIVVPSGA	157
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NTDB id 1410	SGL RS13950 WP 010873519.1	SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFFHPGEEVL	237
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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 1251	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1080105	ACJPHY RS22035 WP 034083986.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.....	0
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NTDB id 1410 SGL RS13950 WP 010873519.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
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 NTDB id 1080105 ACJPHY RS22035 WP 034083986.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1

.....MTS  
 LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR  
 GSMLRADALRLLAVPVDETEQGVTVLTS DPRKRKPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGRLGEQLVQEGTLRSR

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NTDB id 1410 SGL RS13950 WP 010873519.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
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 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1

SSSSKKSRAVALRNYFSPFGNKLIVAGCHVDAEQLRQALVQVKKTGRSLPEELKAVTGRELSPELIRQYKKNQLFELKVLVY  
 EALKEALEVQKGLPRAKPLGETLVELGLARPEDVEEALQKQRGGRIEDTLVQ..SGKIRPEALQA.....VATQL  
 DQLREALQVQAREGKVKPLGEVITELGFASPEVDSALQKQNVGGRIEDTLVQ..SGKLSPEMLARS.....LAAQL  
 .....MSVGLLRILVQNVVTVQAEHYNE.SQAGKEVLPMLFS..DGVISPKSLAAL.....IARVF  
 .....MLTNLVAILRQAEILSATQEAVVTQVSASGTSVPEALIE..LSIFHAQELTEQ.....LSSHIF  
 .....MHSNLSLIRKGLLTFSSQEESSLIEQVKASGISMPEALLS..SGFFTSSELAEH.....LSSIF  
 .....MLTNLSTVLRQAGILTFSSQEESSLIEQVKASGISMPEALLS..SGFFQSHELTEH.....LSSVF  
 .....MALATEEYRLQGITQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVK..NKILSAEQIALT.....AAQNF  
 .....MNDSTPLSGLAKQLVLNELLDEKTARQAQVQAARNKQSLVSHLVQ..AKLVQSRAVLEV.....AAEQF  
 .....MSALHTSPKFTGFFRRLVVEEKHVSAAATMQTALDAAKRAKQDVTVAYLIE..EVHLSPSLLAET.....TSAEF  
 .....MSAFTTPPKFSGFIRRLVVEEGYVNAQNMQQALEKAKKFKQDTPVPLID..NFSISPLTIAEI.....ISLEF

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consensus

logo

NTDB id 1410 SGL RS13950 WP 010873519.1  
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 NTDB id 1018 ACIAD RS01685 WP 004920473.1

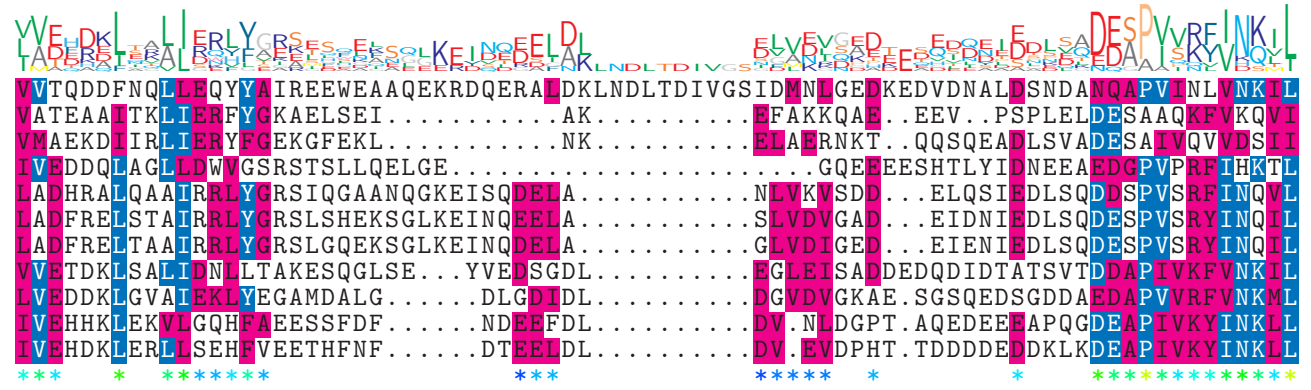
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 GYPYVDPEEDPPD....PGAPLLLPEDLCRRYGVFPHRLEG...NRLVLLMKDPRNIALDDVRLALKRKLNYEVAPA  
 GYFELDPIQNPPD....PKVALMPEATARRVVPVRLQG...NSLVVAMKDPNRNVFALDDLKLITG.....KETLPA  
 SYSILDLRHYPRH....RVLMLGVLTEEQMVEFHCVVFRRG...DKVFFAVSDPTQMPQIQKTVSAAG.....IAVELV  
 GIPETDLRSYDYA....NLCCQLGLRELITRYDALPIAKQG...NLLLVAVSDPTLLQAEFFRFATG.....LQVELA  
 GLSQPELSQYEYA....SLCQQLGLRELITRHNALPLHRT...STLLAVADPTNQAEDDFRFATG.....LQVELV  
 GLSCTSLNQYEYA....SLCQTLGLRDLITRHNALPLNRTS...STLILAVADPTNLQAEDDFRFATG.....LQVELV  
 GVPMLDINCIDVG....TIPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDDPSKQASIKEIFHTG.....LNTHAI  
 GIAYCDLNSLDRE....SIPKDVISERLVRQHRVPLWKRG...NKLFIGLSDPTNHQAVTDIQFSTG.....LTTEAL  
 AEPYFDLDVYDTS....QIPKDLVDQKLILKHRILPLIQRG...QILYVATSNPSNIEAIDAIRFNSK.....LLVEPV  
 GEPLDLGVFDPA....LFLDKKIDKELIKYRIMPLVHRG...HVLVYVATSNPTNIEAMD AIRFNSK.....LKVEPI

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consensus

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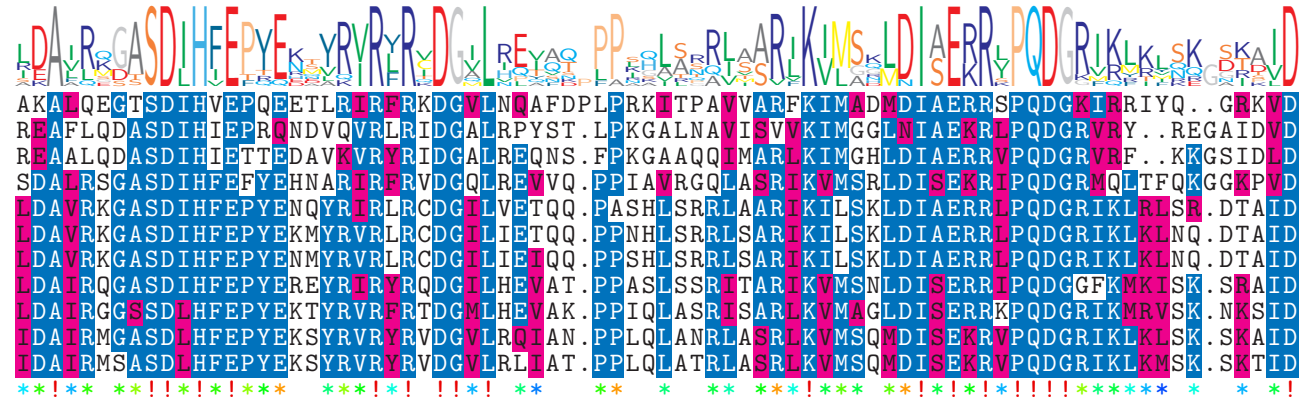
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NTDB id 1410 SGL RS13950 WP 010873519.1  
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NTDB id 1410 SGL RS13950 WP 010873519.1  
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 NTDB id 1306 DR RS10060 WP 027479822.1  
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NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
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NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
consensus		

 non conserved  
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 ≥ 50% conserved