

logo

		MSXLSIGDRRLGAALLDQGYLDNQLQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV	
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	.MALSIGDRRLGAILLDQGYLGDNLDLQRALERHSEVGGRLADVLLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL	79
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 225390	B7W86 RS27200 WP 003094647.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0
consensus			

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		SLTPAEKAKELKAIPFALDEEAGVVRVAFLNPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP.P	
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1028	TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP.P	158
NTDB id 1306	DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPPFALE..GDRRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA	157
NTDB id 1110	NGFG RS09235 WP 003689817.1		0
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NTDB id 1401	DSB67 RS12665 WP 010643259.1		0
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NTDB id 225390	B7W86 RS27200 WP 003094647.1		0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0
consensus			

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		SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1028	TT RS08215 WP 011173991.1	SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237
NTDB id 1306	DR RS10060 WP 027479822.1	SDAGRTGGKLGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEEQEGTTFLPNPSGFGHPGEEVL	237
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 225390	B7W86 RS27200 WP 003094647.1	.....	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	MTS	3
NTDB id 1028 TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARYLALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR	317
NTDB id 1306 DR RS10060 WP 027479822.1	GSMLRADALRLLAVPVDETEQGVTVLTSDPRKRDPIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGRLLGEQLVQEGTLSR	317
NTDB id 1110 NGFG RS09235 WP 003689817.1		0
NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
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NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
NTDB id 1251 GC085 RS07725 WP 011946523.1		0
NTDB id 225390 B7W86 RS27200 WP 003094647.1	.....	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	SSSSKKSRAVALRNYFSPFGNKLIVAGCHVDAEQLRQALVQVVKKTGRSLPEELKAVTGRELSPPELLRQYKKNQLFELKVLY	83
NTDB id 1028 TT RS08215 WP 011173991.1	EALKEALEVQKGLPRAKPLGETLVELGLIARPEVVEEALQKQRGGGRIEDTLVQ..SGKLRPEALAAQ.....VATQL	388
NTDB id 1306 DR RS10060 WP 027479822.1	DQLREALQVQAREGKVKPLGDEVITELGFASPDVEVDSALQKQNVGGGRIEDTLVQ..SGKLSPEMLARS.....LAAQL	388
NTDB id 1110 NGFG RS09235 WP 003689817.1	MSVGLLRILVQNQVVTVEQAEHYNE.SQAGKEVLPMLFS..DGVISPKSLAAL.....IARVF	56
NTDB id 1168 A1552VC RS11070 WP 000957200.1	MLTNLVAILRQAEILISATQEQAVVTQVSASGTSVPEALLE..LSIFHAQELTEQ.....LSHIF	57
NTDB id 1293 VP RS12240 WP 005479695.1	MHSNLSLTLRQKGLLTFSGEESLIEQVKASGISMPEALLS..SGFFTSSSELAEH.....LSSIF	57
NTDB id 1401 DSB67 RS12665 WP 010643259.1	MLTNLSTVLRQAGILTFSGEESLIEQVKASGISMPEALLS..SGFFQSHELTEH.....LSSVF	57
NTDB id 1251 GC085 RS07725 WP 011946523.1	MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEEKISLLQYIVK..NKILSAEQIALT.....AAQNF	65
NTDB id 225390 B7W86 RS27200 WP 003094647.1	MNDSTPLSLAKQLVLNELLDEKTARQAQVQAARNKQSLVSHLVQ..AKLVQSRALVEV.....AAEQF	62
NTDB id 1058 ABD1 RS01615 WP 001274986.1	MSALHTSPKFTGFFRRLVEEKHVSAAATMQTALDAAKRAKQDTVAYLIE..EVHLSPSLLAET.....TSAEF	65
NTDB id 1018 ACIAD RS01685 WP 004920473.1	MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDTPVPLYID..NFSISPLTTAEI.....ISLEF	65
consensus	* * * * *	

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NTDB id 1410 SGL RS13950 WP 010873519.1	GVDSVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQEGDPPSVLVAMVDPDNLAAQDELNRILRVKG..FELRRL	161
NTDB id 1028 TT RS08215 WP 011173991.1	GYPYVDPEEDPPD.....PGAPLLLPEDLCRRYGVFPHRLEG...NRLVLMLKDPNRNIALDDVRLALKRKGKLNVEVAPA	460
NTDB id 1306 DR RS10060 WP 027479822.1	GYEFLDPIQNPPD.....PKVALMPEATARRVVPVRLQG...NSLVVAMKDPNRNVFALDDLKLIITG....KEILPA	455
NTDB id 1110 NGFG RS09235 WP 003689817.1	SYSILDLRHYPRH.....RVLMLGVLTTEEQMVFEHCVVPVFRRG...DKVFFAVSDPTQMPQIQKTVSAAQ.....IAVELV	123
NTDB id 1168 A1552VC RS11070 WP 000957200.1	GLPETDLSRYDYA.....NLCQQGLGLRELITRYDALPIAKQG...NLLLLAVSDPTLLQAEFFFRFATG.....LQVELA	124
NTDB id 1293 VP RS12240 WP 005479695.1	GLSQPELSQYEYA.....SLCQQGLGLRELITRHNAIPLHRTP...STLLAVADPTNQAEEDDFRFATG.....LQVELV	124
NTDB id 1401 DSB67 RS12665 WP 010643259.1	GLSCTSLNQYEYA.....SLCQTLGLRDLITRHNAIPLNRTS...STLLAVADPTNLQAEEDDFRFATG.....LQVELV	124
NTDB id 1251 GC085 RS07725 WP 011946523.1	GVPMILDINCIDVG.....TIPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDDPSKQASLKEIQFHTG.....LNTHAI	132
NTDB id 225390 B7W86 RS27200 WP 003094647.1	GIAYCDLNSLDRE.....SIPKDAISERLVRQHRVPLPWKRG...NKLFIGLSDPTNHQAVTDIQFSTG.....LTTEAL	129
NTDB id 1058 ABD1 RS01615 WP 001274986.1	AEPYFDLDVYDTS.....QIPKDLVDQKLILKHRILPLIQRG...QILYVATSNPSNIEAIDAIRFNASK.....LKVEPV	132
NTDB id 1018 ACIAD RS01685 WP 004920473.1	GEPLIDLGVFDPA.....LFLKDKIDEKLIQKYRIMPLVHRG...HVLVYVATSNPTNIEAMDAIRFNASK.....LKVEPI	132
consensus	* * * * *	

NTDB id 1410	SGL RS13950 WP 010873519.1	VVTQDDFNQ	LEQY	YAIREEWEAAQEKRDQERA	L	DKLNDLTDIVGSID	MNLGED	KEDVDNAL	DSNDA	NQAPV	INLVN	KIL	241									
NTDB id 1028	TT RS08215 WP 011173991.1	VATEAA	ITKLI	ERFYGKAELSEI	AK	.....	EF	AKKQAE	..EEV..	PSPLEL	DESA	AKFVKQVI	515									
NTDB id 1306	DR RS10060 WP 027479822.1	VMAEKD	IIRLI	ERYFGEKGFEKL	NK	.....	ELA	ERNKT	..QQSQEA	DLSVA	DESA	IVQVDSI	512									
NTDB id 1110	NGFG RS09235 WP 003689817.1	I	VEDDQ	LAG	LLDW	VGS	RSTSL	LQELGE	.....	GQE	EESHTLYI	DNEEA	EDG	PVPRFI	HKTL	180						
NTDB id 1168	A1552VC RS11070 WP 000957200.1	LADHRA	LQA	IRRLYGR	RSIQGAANQKEISQ	DELA	.....	NLVK	VSD	...ELQSI	EDLSQ	DDSP	VS	SRFINQ	VL	190						
NTDB id 1293	VP RS12240 WP 005479695.1	LADFRE	LSTA	IRRLYGR	SLSHEKSGLKEINQ	EELA	.....	SLVD	VGAD	...EIDNI	EDLSQ	DESP	VS	RYINQ	IL	190						
NTDB id 1401	DSB67 RS12665 WP 010643259.1	LADFRE	LTA	IRRLYGR	SLGQEKSGLKEINQ	DELA		GLVD	IGED	...EIE	NI	EDLSQ	DESP	VS	RYINQ	IL	190					
NTDB id 1251	GC085 RS07725 WP 011946523.1	VVETDK	LSA	LIDN	L	TAKESQGLSE	...YVED	SGDL		EGLE	ISAD	DEDDQ	IDTATS	VT	DDA	PIVKFVN	KIL	199				
NTDB id 225390	B7W86 RS27200 WP 003094647.1	L	VEDDK	LGVA	TEK	LYEGAM	DALG	DLG	D	IDL		DG	VDV	GKAE	.SASQ	EDSGDDA	EDA	PVVR	FVNKML	192		
NTDB id 1058	ABD1 RS01615 WP 001274986.1	I	VEHHK	LEK	VL	GQHF	AE	ESSFDF	ND	EE	FDL		DV	.NLD	GP	T.AQE	DEE	EAP	Q	DEAP	IVKYINKLL	194
NTDB id 1018	ACIAD RS01685 WP 004920473.1	I	VEHDK	LER	LL	SEH	FVEETH	FNF	DT	EE	IDL		DV	.EVD	P	PT.TDD	DD	DKLK	DEAP	IVKYINKLL	194	
consensus		***	*	*****					***				*****	*								

[illegible][illegible]


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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 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
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NTDB id 225390 B7W86 RS27200 WP 003094647.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

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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 225390 B7W86 RS27200 WP 003094647.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

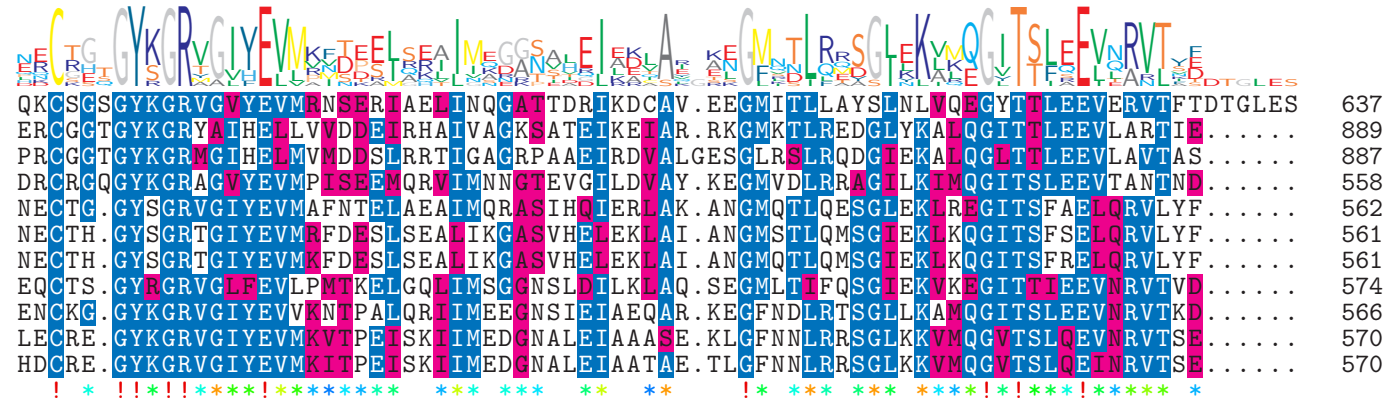
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NTDB id 1410 SGL RS13950 WP 010873519.1
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NTDB id 1168 A1552VC RS11070 WP 000957200.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
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consensus

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NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1		889
NTDB id 1306 DR RS10060 WP 027479822.1		887
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NTDB id 1168 A1552VC RS11070 WP 000957200.1		562
NTDB id 1293 VP RS12240 WP 005479695.1		561
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	561
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	574
NTDB id 225390 B7W86 RS27200 WP 003094647.1	.....	566
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved