

logo

		MSXLSIGDRRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	
NTDB id 1028	TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1306	DR RS10060 WP 027479822.1	.MALSIGDRRLGAAILLDQGYLGDNLDLRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAL	79
NTDB id 1168	A1552VC RS11070 WP 000957200.1		0
NTDB id 1401	DSB67 RS12665 WP 010643259.1		0
NTDB id 1293	VP RS12240 WP 005479695.1		0
NTDB id 1251	GC085 RS07725 WP 011946523.1		0
NTDB id 1110	NGFG RS09235 WP 003689817.1		0
NTDB id 395786	GFK26 RS00035 WP 101488972.1		0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0
consensus			

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		RLTBAERKRLAIPFALDEEAGVVRVAFLNPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	
NTDB id 1028	TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1306	DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA	157
NTDB id 1168	A1552VC RS11070 WP 000957200.1		0
NTDB id 1401	DSB67 RS12665 WP 010643259.1		0
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		SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	
NTDB id 1028	TT RS08215 WP 011173991.1	SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237
NTDB id 1306	DR RS10060 WP 027479822.1	SDAGRTGGKLGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	237
NTDB id 1168	A1552VC RS11070 WP 000957200.1		0
NTDB id 1401	DSB67 RS12665 WP 010643259.1		0
NTDB id 1293	VP RS12240 WP 005479695.1		0
NTDB id 1251	GC085 RS07725 WP 011946523.1		0
NTDB id 1110	NGFG RS09235 WP 003689817.1		0
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Sequence	Color Key	Position
AE.....LSEIAKE...F....AKKQAEEV...PSPLEL	AE.....LSEIAKE...F....AKKQAEEV...PSPLEL	542
KG.....FEKLNKE...L.....AERNKTQSQEADLSVA	KG.....FEKLNKE...L.....AERNKTQSQEADLSVA	539
SIQGAANQGKEISQD...ELANLVKVSDDL...QSIDLSQ	SIQGAANQGKEISQD...ELANLVKVSDDL...QSIDLSQ	217
SLGQEKSGLKEINQD...ELAGLVDIGEDEI...ENIEDLSQ	SLGQEKSGLKEINQD...ELAGLVDIGEDEI...ENIEDLSQ	217
SLSHEKSGLKEINQE...ELASLVDVGADIE...DNIEDLSQ	SLSHEKSGLKEINQE...ELASLVDVGADIE...DNIEDLSQ	217
KESQG...LSEYVEDSGDLEGLEISADDEDQDIDTATSVT	KESQG...LSEYVEDSGDLEGLEISADDEDQDIDTATSVT	226
STSL.....LQELGE.....GQEEESHTLYIDNEEA	STSL.....LQELGE.....GQEEESHTLYIDNEEA	207
AAET...INSIVGTEFEFD...DVTADTSGDANEQAIAEV	AAET...INSIVGTEFEFD...DVTADTSGDANEQAIAEV	229
ES.....SFDNDNEFDLD...VNLGDGPTAQDEEEAPQG	ES.....SFDNDNEFDLD...VNLGDGPTAQDEEEAPQG	221
ET.....HFNFDTEELDL...VEVDPHPTDDDDDEDKLK	ET.....HFNFDTEELDL...VEVDPHPTDDDDDEDKLK	221

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DA	LY	SP	QK	LY	LE	AT	RP	QM	LY	MG	LT	GT	GS	GK	TV	SL	YT	GL	NL	NI	NT	PE	Y	NI	ST	AE	DP	VE	IN	LP	GIN	QV	NV	PK	GL	TF	FA																																						
ES	FR	EE	FE	ER	LY	BY	IK	Y	IF	M				S	FT	CF	SS	CR	AK	ES	TA					ED	P	VE	IN	LP	GIN	QV	NV	PK	GL	TF	FA																																						
ED	LG	F	AP	GV	F	ER	F	K	EV	I	S	K	P	Y	G	I	F	L	I	T	G	P	T	G	S	G	K	S	F	I	T	F	S	I	L	K	R	I	A	T	P	D	K	N	T	Q	T	I	E	D	P	V	E	I	N	L	P	G	I	N	Q	V	N	P	K	G	L	T	F	A					
EQ	LG	F	S	E	Y	N	I	A	R	T	E	I	E	R	P	G	I	F	L	T	G	P	T	G	S	G	K	S	F	I	C	F	S	T	L	K	R	I	A	K	P	E	K	N	T	I	E	D	P	V	E	I	N	L	P	G	I	N	Q	V	N	P	K	G	L	T	F	A							
DK	LG	N	P	Q	Q	K	Q	L	Y	L	I	N	A	L	K	R	P	Q	G	M	I	L	T	G	P	T	G	S	G	K	T	V	S	L	Y	T	G	L	S	I	L	N	K	P	E	I	N	I	S	T	A	E	D	P	V	E	I	N	L	P	G	I	N	Q	V	N	P	K	G	L	T	F	A		
NK	LG	S	D	S	Q	K	Q	L	Y	L	D	A	L	R	P	Q	G	M	I	L	T	G	P	T	G	S	G	K	T	V	S	L	Y	T	G	L	S	I	L	N	K	P	E	I	N	I	S	T	A	E	D	P	V	E	I	N	L	P	G	I	N	Q	V	N	P	K	G	L	T	F	A				
DK	LG	Y	S	E	Q	K	Q	L	Y	L	E	A	L	R	P	Q	G	M	I	L	T	G	P	T	G	S	G	K	T	V	S	L	Y	T	G	L	N	I	L	N	K	P	E	I	N	I	S	T	A	E	D	P	V	E	I	N	L	P	G	I	N	Q	V	N	P	K	G	L	T	F	A				
E	A	L	G	N	P	V	Q	R	T	N	F	L	K	A	I	Q	R	P	Q	G	M	I	L	T	G	P	T	G	S	G	K	T	V	L	T	A	L	N	I	L	N	I	E	V	N	I	S	T	A	E	D	P	V	E	I	N	L	P	G	I	N	Q	V	N	P	K	G	L	T	F	A				
D	Q	L	G	F	E	P	F	Q	K	K	L	L	E	A	T	H	R	P	Y	G	M	V	L	T	G	P	T	G	S	G	K	T	V	S	L	Y	T	C	N	L	N	I	L	T	E	S	N	I	S	T	A	E	D	P	V	E	I	N	L	P	G	I	N	Q	V	N	P	K	G	L	T	F	A		
D	A	L	G	Y	D	A	D	E	K	E	R	L	L	H	A	I	G	R	P	Y	G	M	V	L	T	G	P	T	G	S	G	K	T	V	S	L	Y	T	C	N	L	N	I	L	N	T	E	S	N	I	S	T	A	E	D	P	V	E	I	N	L	P	G	I	N	Q	V	N	P	K	G	L	T	F	A
D	A	L	G	Y	E	E	D	Q	K	A	L	F	M	E	A	L	D	K	P	Q	G	M	L	I	T	G	P	T	G	S	G	K	T	V	S	L	Y	T	G	L	N	I	L	N	T	E	S	N	I	S	T	A	E	D	P	V	E	I	N	L	P	G	I	N	Q	V	N	P	K	G	L	T	F	A	
D	A	L	G	Y	E	P	Q	K	A	L	F	M	E	A	L	N	K	P	Q	G	M	L	I	T	G	P	T	G	S	G	K	T	V	S	L	Y	T	G	L	N	I	L	N																																

