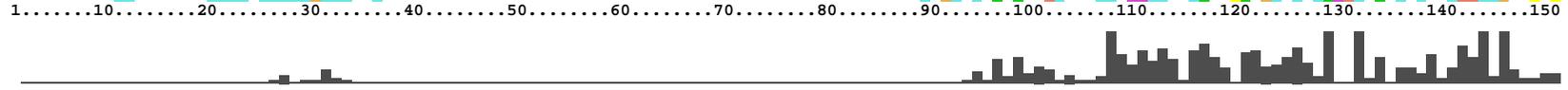


gi	18921171	ref	NP_572920.1	-----MNLLLLVATA-----	ASVAALTSG-EPSLLSDEFTEVVRSK-AKTWTVGRN	-----FDASVTEGHRRLMGMVHPDA	64
gi	158292320	ref	XP_313835.4	-----MLPHLVVIALAA-----	VGITNAAAGSKKYPPLSKPIEELNTR-AITWRAGQN	-----FHPDLSLTYIRGLMGMVHPDA	67
gi	4503139	ref	NP_001899.1	-----MWQLWASLCCLLLVL-----	-----ANARSRPSFHPPLSDELVNVYVNRK-NITWQAGHN	-----FYN-VDMSYLKRLLCGFTLGG	65
gi	114623576	ref	XP_519607.2	-----MEEDGPNVAKMDVGLLWLTLYNPLIGVFRPMESLRGLGLYLVLCHDDGQVGSIGKDL-----	-----CREPAPWDRWASDLRCLNARSRPSFHPPLSDELVNVYVNRK-NITWQAGHN	-----FYN-VDMSYLKRLLCGFTLGG	126
gi	73993760	ref	XP_543203.2	MALCANGIGWDLDEVGPGSPRALEVLAGSVVHPHPGFTTEEDNEGKKGMAEPGREHGSFGCMVVSQPVLVLP	ELALLYPASKMQLLITLCLVMLLAGQSRLEFFRALSDDELVDYVYVNRK-NITWQAGHN	-----FHN-VDYSYVKKLLCGFTLGG	146
gi	27806671	ref	NP_776456.1	-----MWRLATLALISARSSLYFPPLSDELVNVYVNRK-NITWQAGHN	-----FYN-VDSYVVKLLCGFTLGG	65	
gi	6681079	ref	NP_031824.1	-----MWWSLIL-----	LSCLLALSAHDKRPSFHPPLSDDLINYNKQ-NITWQAGRN	-----FYN-VDISYVVKLLCGFTLGG	65
gi	82830420	ref	NP_072119.2	-----MWWSLIP-----	LSCLLALSAHDKRPSFHPPLSDDLINYNKQ-NITWQAGRN	-----FYN-VDISYVVKLLCGFTLGG	65
gi	46195455	ref	NP_990702.1	-----MSWRSILCLLC-----	AFANARSIPYPPPLSDELVNVYVNRK-NITWQAGHN	-----FHN-TDMSYVVKLLCGFTLGG	65
gi	50540542	ref	NP_998501.1	-----MWRLAFLCVIS-----	ALVSWARPLRPLSHEMVNFINKA-NITWQAGHN	-----FRD-VDYSYVVKLLCGFTLGG	64
gi	18378947	ref	NP_563648.1	MADN-CIRLLHSASVFFCLGLLISSEFNL	LOGIAAENLSKQKLTSMILQNEIVKEVNEPNAGWKAANDRFAN	ATVAEFKRLLVGKPTP	88
gi	18378945	ref	NP_563647.1	MADSCIRLHLLASVFL--LLFSEFN	LOGIAAENLSKQKLTSMILQNEIVKEVNEPNAGWKAANDRFAN	ATVAEFKRLLVGKPTP	85
gi	18411686	ref	NP_567215.1	MAVY--NTKLCLASVFLLLGLL--AFD	LKGIAEAEILKQKLDKILQEVIVKVVNENPAGWKAANDRFAN	ATVAEFKRLLVGKPTP	85



gi	18921171	ref	NP_572920.1	HKFALPDKREVLGDLYVNSVDELPEEFDSSRKPWPNCPTIGEIRD	GGCGSCWAFGAVEAMS	DRVCIHSGGKVFHFSADDLVSCCHT	CGFGCGGFPGA	AWSWTRK	GIVSGG	PYSGN	QCRPE	ISPC	193																										
gi	158292320	ref	XP_313835.4	DKFREPP---EILHDLSDG--DELPHNFDSSRQWPCPTIREIRD	GGCGSCWAFGAVEAMS	DRVCIHSGGKVFHFSADDLVSCCHT	CGFGCGGFPGA	AWSWTRK	GIVSGG	PYSGN	QCRPE	ISPC	191																										
gi	4503139	ref	NP_001899.1	PKPPQR---VMFTEDLKLPA	SFDAREQWPCPTIREIRD	GGCGSCWAFGAVEAIS	DRICIHNAHV	SVEVSAEDLLT	CCGSMCGD	CGGYPAE	AWNFWTRK	GLVSGGLY	ESHVGC	RPYSIPP	187																								
gi	114623576	ref	XP_519607.2	PKPPQR---VMFTEDLKLPE	SFDAREQWPCPTIREIRD	GGCGSCWAFGAVEAIS	DRICIHNAHV	SVEVSAEDLLT	CCGSMCGD	CGGYPAE	AWNFWTRK	GLVSGGLY	ESHVGC	RPYSIPP	247																								
gi	73993760	ref	XP_543203.2	PKLPQR---VQFAKNLILPE	SFDAREQWPCPTIREIRD	GGCGSCWAFGAVEAIS	DRICIRTN	GHVNV	SVEVSAEDLLT	CCGDC	CGDGC	GGFP	PAEAWN	FWTRK	GLVSGGLY	ESHVGC	RPYSIPP	268																					
gi	27806671	ref	NP_776456.1	PKLPQR---DAFAADVLP	SFDAREQWPCPTIREIRD	GGCGSCWAFGAVEAIS	DRICIRH	SRNV	SVEVSAEDLLT	CCGGE	CGDGC	GGFP	PSGAWN	FWTRK	GLVSGGLY	ESHVGC	RPYSIPP	187																					
gi	6681079	ref	NP_031824.1	PKLPQR---VAFGEDIDL	PTFDAREQWPCPTIREIRD	GGCGSCWAFGAVEAIS	DRICIRH	SRNV	SVEVSAEDLLT	CCGIC	CGDGC	GGYP	PSGAWN	FWTRK	GLVSGGLY	ESHVGC	RPYSIPP	187																					
gi	82830420	ref	NP_072119.2	PKLPQR---VAFGEDIDL	PTFDAREQWPCPTIREIRD	GGCGSCWAFGAVEAMS	DRICIRH	SRNV	SVEVSAEDLLT	CCGIC	CGDGC	GGYP	PSGAWN	FWTRK	GLVSGGLY	ESHVGC	RPYSIPP	187																					
gi	46195455	ref	NP_990702.1	PKAPER---VDFAEEDMDL	PTFDAREQWPCPTIREIRD	GGCGSCWAFGAVEAIS	DRICIVHT	NAKV	SVEVSAEDLLT	CCGFC	CGMCG	GGYP	PSGAWN	FWTRK	GLVSGGLY	ESHVGC	RPYSIPP	187																					
gi	50540542	ref	NP_998501.1	PKLPVM---VQVTEGLKLP	KNFDAREQWPCPTIREIRD	GGCGSCWAFGAAE	ASDRVCIH	SDAKV	SVEVSAEDLLT	CCDS	CGMCG	GGYP	PSA	AWDFW	TEGLV	TGGLN	SHGCR	PYTI	IEPC	185																			
gi	18378947	ref	NP_563648.1	KTEFLG---VPIVSHD	LSLKLPEKFDART	AWSHCTSI	RRILLV	YILNN	VLLWS	IILWF	WFL	GGH	CGS	CWAF	GAVES	LSDR	FCIKY	N--MNV	SLV	NDLL	ACC	FG	CG	GGY	PIA	AWR	FK	HHG	VVT	EECD	PF	YD	NT	GC	SH	PGC	210		
gi	18378945	ref	NP_563647.1	KTAYLG---VPIVSHD	LSLKLPEKFDART	AWSHCTSI	RRILLV	YILNN	VLLWS	IILWF	WFL	GGH	CGS	CWAF	GAVES	LSDR	FCIKY	N--LNV	SL	AND	VIA	CC	GL	CG	GGY	PIA	AWR	FK	HHG	VVT	EECD	PF	YD	NT	GC	SH	PGC	227	
gi	18411686	ref	NP_567215.1	KKHFLG---VPIVSHD	LSLKLPEKFDART	AWSHCTSI	RRILLV	YILNN	VLLWS	IILWF	WFL	GGH	CGS	CWAF	GAVES	LSDR	FCIQ	F--MNI	SL	V	ND	LL	ACC	FG	CG	GGY	PIA	AWR	FK	HHG	VVT	EECD	PF	YD	NT	GC	SH	PGC	207



gi	18921171	ref	NP_572920.1	EHHVNGSRPPCAHGG-R	PKCSHVCS	SGYTV	DAKDKH	FGSK	YSV	RRNVRE	IQEE	IMTNG	PVEGAF	VYED	LILYK	DGVY	QHE	HGKEL	GGHAIR	ILG	GWV	GEEK	IPV	WL	IC	SN	WT	DW	GD	HG	FF	IL	RG	DH	CG	IE	SS	IS	AG	L	PKL	--	340																																																																										
gi	158292320	ref	XP_313835.4	EHHT-----	PKVCK	QES	YN	VPY	KDK	RF	GAS	YS	TAR	HEA	IQKE	IMTNG	PVEGAF	VYED	LLHY	KEG	VY	QHV	TG	KML	GG	HAIR	ILG	GW	VENG	--TK	W	L	A	N	S	W	N	D	W	GD	HG	FF	K	L	R	G	D	H	L	G	E	S	S	I	S	A	G	L	PKL	--	323																																																								
gi	4503139	ref	NP_001899.1	EHHVNGSRPPCTGEG-D	TPKCS	KIC	EP	GS	PT	Y	Q	D	H	FG	SK	YS	V	S	N	S	E	K	D	I	M	A	E	I	Y	K	N	G	P	V	E	G	A	F	V	Y	S	D	F	L	L	Y	K	S	G	V	Y	Q	H	V	T	G	E	M	M	G	G	H	A	I	R	L	G	W	G	V	E	N	G	--	TP	W	L	V	A	N	S	W	N	D	W	GD	HG	FF	K	L	R	G	D	H	CG	IE	SE	V	V	A	G	I	P	R	T	D	Q	247									
gi	114623576	ref	XP_519607.2	EHHVNGSRPPCTGEG-D	TPKCS	KIC	EP	GS	PT	Y	Q	D	H	FG	SK	YS	V	S	N	S	E	K	D	I	M	A	E	I	Y	K	N	G	P	V	E	G	A	F	V	Y	S	D	F	L	L	Y	K	S	G	V	Y	Q	H	V	T	G	E	M	M	G	G	H	A	I	R	L	G	W	G	V	E	N	G	--	TP	W	L	V	A	N	S	W	N	D	W	GD	HG	FF	K	L	R	G	D	H	CG	IE	SE	V	V	A	G	I	P	R	T	D	Q	415									
gi	73993760	ref	XP_543203.2	EHHVNGSRPPCTGEG-D	TPKCS	KIC	EP	GS	PT	Y	Q	D	H	FG	SK	YS	V	S	N	S	E	K	D	I	M	A	E	I	Y	K	N	G	P	V	E	G	A	F	V	Y	S	D	F	L	L	Y	K	S	G	V	Y	Q	H	V	T	G	E	M	M	G	G	H	A	I	R	L	G	W	G	V	E	N	G	--	TP	W	L	V	A	N	S	W	N	D	W	GD	HG	FF	K	L	R	G	D	H	CG	IE	SE	V	V	A	G	I	P	R	T	D	Q	334									
gi	27806671	ref	NP_776456.1	EHHVNGSRPPCTGEG-D	TPKCS	KIC	EP	GS	PT	Y	Q	D	H	FG	SK	YS	V	S	N	S	E	K	D	I	M	A	E	I	Y	K	N	G	P	V	E	G	A	F	V	Y	S	D	F	L	L	Y	K	S	G	V	Y	Q	H	V	T	G	E	M	M	G	G	H	A	I	R	L	G	W	G	V	E	N	G	--	TP	W	L	V	A	N	S	W	N	D	W	GD	HG	FF	K	L	R	G	D	H	CG	IE	SE	V	V	A	G	I	P	R	T	D	Q	334									
gi	6681079	ref	NP_031824.1	EHHVNGSRPPCTGEG-D	TPKCS	KIC	EP	GS	PT	Y	Q	D	H	FG	SK	YS	V	S	N	S	E	K	D	I	M	A	E	I	Y	K	N	G	P	V	E	G	A	F	V	Y	S	D	F	L	L	Y	K	S	G	V	Y	Q	H	V	T	G	E	M	M	G	G	H	A	I	R	L	G	W	G	V	E	N	G	--	TP	W	L	V	A	N	S	W	N	D	W	GD	HG	FF	K	L	R	G	D	H	CG	IE	SE	V	V	A	G	I	P	R	T	D	Q	334									
gi	82830420	ref	NP_072119.2	EHHVNGSRPPCTGEG-D	TPKCS	KIC	EP	GS	PT	Y	Q	D	H	FG	SK	YS	V	S	N	S	E	K	D	I	M	A	E	I	Y	K	N	G	P	V	E	G	A	F	V	Y	S	D	F	L	L	Y	K	S	G	V	Y	Q	H	V	T	G	E	M	M	G	G	H	A	I	R	L	G	W	G	V	E	N	G	--	TP	W	L	V	A	N	S	W	N	D	W	GD	HG	FF	K	L	R	G	D	H	CG	IE	SE	V	V	A	G	I	P	R	T	D	Q	334									
gi	46195455	ref	NP_990702.1	EHHVNGSRPPCTGEG-D	TPKCS	KIC	EP	GS	PT	Y	Q	D	H	FG	SK	YS	V	S	N	S	E	K	D	I	M	A	E	I	Y	K	N	G	P	V	E	G	A	F	V	Y	S	D	F	L	L	Y	K	S	G	V	Y	Q	H	V	T	G	E	M	M	G	G	H	A	I	R	L	G	W	G	V	E	N	G	--	TP	W	L	V	A	N	S	W	N	D	W	GD	HG	FF	K	L	R	G	D	H	CG	IE	SE	V	V	A	G	I	P	R	T	D	Q	335									
gi	50540542	ref	NP_998501.1	EHHVNGSRPPCTGEG-D	TPKCS	KIC	EP	GS	PT	Y	Q	D	H	FG	SK	YS	V	S	N	S	E	K	D	I	M	A	E	I	Y	K	N	G	P	V	E	G	A	F	V	Y	S	D	F	L	L	Y	K	S	G	V	Y	Q	H	V	T	G	E	M	M	G	G	H	A	I	R	L	G	W	G	V	E	N	G	--	TP	W	L	V	A	N	S	W	N	D	W	GD	HG	FF	K	L	R	G	D	H	CG	IE	SE	V	V	A	G	I	P	R	T	D	Q	330									
gi	18378947	ref	NP_563648.1	EPAYP-----	TPK	C	A	R	K	C	V	S	--GN	L	W	R	E	S	K	H	Y	G	V	A	M	K	V	R	S	H	P	D	D	I	M	A	E	V	Y	K	N	G	P	V	E	V	A	F	V	Y	E	D	F	A	H	Y	K	S	G	V	Y	K	H	I	T	G	N	I	G	H	A	V	K	L	I	G	W	T	S	D	D	G	--ED	Y	W	L	L	A	N	S	W	N	D	W	GD	HG	FF	K	L	R	G	D	H	CG	IE	SE	V	V	A	G	I	P	R	T	D	Q	346
gi	18378945	ref	NP_563647.1	EPITYP-----	TPK	C	E	R	K	C																																																																																																											