

Fig S2

225p/689	EDCKC-KERTSS	PFVMDQDT-----	EFWNRNTMLRLNIFK	221					
225p_Mj/436	PNCKCDRQLRNS	VFVSNIDV-----	NYWSDDSK-RYNIFR	58					
GBG35515.1/1080	QECLSLAEEM	GS PF-----	NLNGLDTFWVQDKR--	KTYLQ 354					
GBG35474.1/1113	WDTETASNKF	GHPYLPDEESVAIVEK	FWNKDNR-KIKYLA	173					
AKS10608.1/996	WLFEIAADEFG	APYIPDQKSVAAVEN	FWAKDNR-KKKYLS	130					
GBG35591.1/1081	SLFRVAADEFG	APYLPDQKSINSVEN	FWGVDDR-KKKYLS	194					
SCV_077+078/988	ADHET-AREFG	HPYLPDIEKLETVEN	FWCQE-R-KQRYLG	122					
AIX03672.1/936	GICEEAAAN-	GRPYLPTLEMRNEVDH	FWSQDNR-KLKLKG	72					
	YF-NNLVLAEF	ACGKLELFE	TVDR	LSMLREILTPLLYKI 260					
	YFTKNTVFD	SFIK-DGDLVN	TVEKL	LSMLRELLVPFFYQM 97					
	HLDNNVVIKS	FINGDICA	VQF IGLL	LSMATEILRPTMYRL 394					
	HLVGNYS	IKCFIEGT	IDTKCVGFL	LSMATAHGC	GTIFKL 213				
	HLRGNHF	IECFINGS	IDARTCVGML	LSIATEYGYGS	VHNV 170				
	HLRGN	SFIGYF	IDGI	DAKTCVGML	LSIATEYGYRS	IYNV 234			
	HLKGN	SVIADF	INGD	IDVIVFVGLL	LSYATEF	GYTTLKNL 162			
	HFCGN	LYVEAF	IAGS	IDAETCVGFL	LSQATGL	GYPLLKKL 112			
						IWDTSYP 294			
						EWDTAYP 133			
						RPHSLHS 444			
						RPESLHP 265			
						KPDSLHP 221			
						KPDSLHP 287			
						RPNSLHP 213			
						RPSSIQN 153			
336	LKCVIAL	LITPS-N	ISEVYDLSP	466	KLAIIL	CGIYGNL	KI IAGNSS	SKLESYFLN	
171	IKSIIA	LITPS-N	FQVYRPS	295	KYFIAL	CGKYENL	KFIPGN	CSKIENFFLY	
486	LQSLICA	IVIPC-	IVDEVLDLGP	684	RAFIS	IVGSY	GRLHLVT	GRINRVYTAFMD	
307	LTNLICA	LIMPAY	TLKEMLSLGG	495	RAILT	ISGSY	GWFS	LVVGYTSTSDTLFAE	
264	LNNII	ICAIIMP	AYTFDEMMALNG	442	RNVL	ILSGNY	GWFG	LTGHILSPDIFFE	
330	LTNLICA	LIMPAY	TFDEVMALSG	497	RNVL	ILSGNY	GWFG	LTGHTPSPDILFAE	
255	ITNLL	YAILIP	AYSILELLDLGF	463	RSIL	PLSGSY	GWFG	LVGTGNVQGPDLFSE	
198	LQNL	IVAAIL	IPAYTET	FVLD	TGN 335	RGVLT	VS	GDYGWFSVIVGSTIMPSVLFY	
	KNAFFT	TKGLS	SKSYIHNS	REA-I	IGI--	VFMHNF	ACLFND	TLHHFKFNDD 568	
	DNAFFT	SGVSC	QSYIGNS	REH-I	IGV--	VHMNDF	VQLFND	TLNIFKMYKK 398	
	DNVFFT	TREDN	ANIFHCK	GLCR-V	FGL--	VPESRH	MDLFRNS	RHLFQRMIN 817	
	SNLFYT	QLGY	PCWYE	ADSLSG-V	FGN--	VELSKH	VEVFDGS	IQNFYHFLD 646	
	ENPFV	TRMGYP	QWYNSES	LSA-I	FGE--	VDLTDH	VAAALDHT	MDKFVKLVE 600	
	KNPFV	TRMGYP	QWYN	SKGLGD-I	FEK--	VDLKD	HVAALDY	TMDKFVKLME 659	
	HNPFF	TRSGT	PSWYN	PDGLEQ-V	FGR--	VEYKD	HVKVYDD	TIHLFKHLAE 626	
	KNPFF	IRHTE	PKWYN	KNAMCGE	VLEN	VGVTLE	QHV	RVSD	DEYMDREFGSLLL 489
	EEKL	RDN	ASYLLRL	ILKNT	GRVLY	STGYVWG	604		
	EQRKR	KSC	SELLKL	ILKNS	ARVL	TQRGYVWS	432		
	MADM	RRQA	ASLIA	HLHKIS	IRQH	IRTGRIRG	911		
	EAEI	RLTA	QDLYRYM	CRMS	ARLY	FSCMLLRG	812		
	EGEC	RIA	AHDLYKY	IYRNS	ARQY	IRSSLIRG	767		
	DGEC	RIA	AHDLYKY	MYRNS	ARQY	IRSSLIRG	826		
	EGEC	RVV	SHDLL	RHLYKSS	AKNL	IRHTIMRG	785		
	EAEI	REC	ANELV	RELYRAS	ARSY	VHDLVLKR	667		