

CaM1	~~~~~	~~~~~	~~~~~	~~~~~	MADQLTDDQI
CaM2	~~~~~	~~~~~	~~~~~	~~~~~	MADQLTDEQI
CaML2	MAYSKSYLFL	GLNLFVFLSF	EVLADIVHPP	MLTVEPNLPS	MADQLNDKQI
CaML3	MAYSKSYLFL	SINLFVFLSS	QVLADIVHPP	TLTVEPNLPS	MADQLNDKQI
CaML1	MGYSNSYLFL	GLNLFVFLSS	QALADIVHVP	MLTVEPNLPS	MTDQLNDKQI
CaML5	MVYSKSYLFL	GLNLFVFLSS	QALADIVHSP	MLTVEPNLPS	MADQLNHNQI
CaML4	MDHSKLYLFL	GFGLYVISSS	QILADSYVPL	TLTIEPNLPP	MDDQLNDKQV
CaML6	MPYSKSYLFL	CLVFFVIIFS	LVAADIVHPP	PPIPKINLSP	MINPLTDKQI

	51	I		100	
CaM1	SEFKEAFSLF	DKDGDGCITT	KELGTVMRS	GQNPTAEELQ	DMINEVDADG
CaM2	SEFKEAFSLF	DKDGDGCITT	KELGTVMRS	GQNPTAEELQ	DMINEVDADG
CaML2	SKIKAYFSLI	DKDGDVSI	EELDTLIR	STGLNPTDFGLM	VARSKSATDG
CaML3	SKIKAYFSLI	DKDGDVSI	EELDTLIR	STGLNPTDFGLM	VARNKSATDG
CaML1	SKIKAYFRL	DKDQDFS	DELQTLIR	SLGLNPTFFGLM	VAMNKHDADG
CaML5	SKIKAYFSLI	DKDEDGFIDN	.....	.....	.....
CaML4	SEFKKAFNLF	DKDGDGCISA	KEFGTLMWSL	GQNPTFEFLL	ATMNKHDTDG
CaML6	S.....AF	DKDQDGF	FSA AELRHVIITL	GKNVTHEEVN	EIIEADV

	101	II		III	150
CaM1	NGTIDFPEFL	NIMARKMKDT	DSEELKEAF	RVFDKDQNGF	ISAAELRHVM
CaM2	NGTIDFPEFL	NIMARKMKDT	DSEELKEAF	RVFDKDQNGF	ISAAELRHVM
CaML2	NGTIDF....	.....	.TKEELLIVF	SKPNTDHNGF	VTASELHCYF
CaML3	NGTIDF....	.....	.TKEELLIAF	SKPNTDHNGF	VTASELHYL
CaML1	NGTIDF....	.....	.TEEDFIISF	PKPKDKHNGF	VSASELHYL
CaML5	.....	.....	...ENFVAVF	HMC DKDQNGF	VSTSELHYFM
CaML4	NSVIDF....	.....	.SEFLNLAAR	M*~~~~~	~~~~~
CaML6	NGLVNYKEFF	NIMCKGWGFI	CD*~~~~~	~~~~~	~~~~~

	151	IV		195	
CaM1	TNLGEKLTDE	EVDEMIREAD	VDGDGQINYE	EFVKVMMA~~	~~~~~
CaM2	TNLGEKLTDE	EVDEMIREAD	VDGDGQINYE	EFVKVMMA~~	~~~~~
CaML2	TNQGKMTIE	EANEYVRAAD	SDGDGHL	SFK EFVR...LGR	FTVE*
CaML3	TNQGKATNE	EVSDFVREAD	SDSDGHL	SFK EFVR...LGR	FTVE*
CaML1	TNHGTVKTK	EVDEYVREAD	VDGDGQINFE	EFVKAVTMGG	SIVV*
CaML5	TYIGQKVTYE	DVEEFVREAD	FDGDGQINIE	EFVKDL	SRSG SNT*~
CaML4	~~~~~	~~~~~	~~~~~	~~~~~	~~~~~
CaML6	~~~~~	~~~~~	~~~~~	~~~~~	~~~~~