

			Signal peptide										MATURE PEPTIDE											
			1 10 20 30 40 50 60																					
Mta	sp	P83400.2 BtITx3	----	MKFLYGTILIAFFLTVMIATHS	-EA-	RCPP	CFTTN	PNMEAD	CRKCCG	-GRG-	-Y	CASYQ	CIC	PPGG	-----	60	Insect Tox							
Hju	gb	ADY39518.1 U14-Hj1a	----	MKFLYGIILIALFLTVMIAHS	-EA-	RCN	CFTTN	PNAEAD	CKKCCGNRWG	--K	CAGYQ	CVC	PMK	-----	61	Precursor								
Psc	sp	P60271.1 PBITx1	----	-----	-----	RC	KPCFTT	DP	QMSKK	CAD	XCG	-G-XK-	X	-----	25	¹ unknown								
Boc	gb	ACJ23136.1 Tx12	----	MKFLYGIIFVALFLTVM	LATHIEGLISCTT	CFST	ITPN	MDKIS	CSNCCRNKGGG	-T	CKGSY	TV	CRIQY	-----	65	Precursor								
Boc	gb	ACJ23134.1 Tx357	KTLLKLKFLYGTIFVALFLTVM	LATHIEGLISCTT	CFST	ITPN	MDKIS	CSNCCRNKGGG	-T	CKGSY	TV	CRIQY	-----	70	Precursor									
Mta	sp	P81761.2 BTCh12	----	MKFLYGVILIALFLTVM	TATLS	-EA-	RCGP	CFTTDP	QTQAK	CSECCGRKGG	--V	CKGP	CIC	GIQY	-----	62	Insect Tox							
Meu	gb	ADT64274.1 MeuClTx	-----	-----	TEA-	MCMP	CFTT	DHNMAKK	CRDCCG	-GNGK-	-CFGYQ	CLC	NRG	-----	39	Precursor								
Meu	sp	P86401.1 MeuClTx	-----	-----	-----	MCMP	CFTT	DHNMAKK	CRDCCG	-GNGK-	-CFGYQ	CLC	NR	-----	35	Kv1.2/KCNA2								
Meu	sp	P60269.1 BeI4	-----	-----	-----	MCMP	CFTT	DHNMAKK	CRDCCG	-GNGK-	-CFGPQ	CLC	NR	-----	35	¹ Precursor								
Meu	sp	P15222.2 InToxI5A	-----	-----	-----	MCMP	CFTT	DHNMAKK	CRDCCG	-GNGK-	-CFGPQ	CLC	NR	-----	35	NMR								
Meu	gb	ADY02962.1 MeCT	-----	-----	-----	MCMP	CFTT	DHNMAKK	CNDCCG	-GYGK-	-CFGPQ	CLC	R	-----	34	Precursor								
Mma	gb	278565 BmKClTx5V	----	MKLIFYFVITYYFLS	--IATHSEA-	MCMP	CFTM	DHNMAKK	CRDCCR	-GKGK-	-CIGPQ	CL	-----	54	² Precursor									
Meu	sp	P60270.1 BeI5	-----	-----	-----	MCMP	CFTT	DPNMA	NKCRDCCG	-GGK-	-CFGPQ	CLC	NR	-----	35	Insect Tox								
Mma	gb	352952 BmKClTx1V	-----	-----	-----	MCMP	CFTT	DPNMA	MARKCRDCCG	-GYGK-	-CFDPQ	CLC	-----	33	² Precursor									
Mma	sp	Q9BJW4.1 Bm12b	----	MKFLYGIIVFIALFLTVM	F--TQ-TD	GCPCFTT	DANMARK	CRECCG	-GNGK-	-CFGPQ	CLC	NR	-----	59	Precursor									
Mma	sp	Q9UAD0.1 Bm12V	----	MKFLYGIIVFIALFLTVM	F--TQ-TD	GCPCFTT	DANMARK	CRECCG	-GIGK-	-CFGPQ	CLC	NR	-----	59	Precursor									
Mma	sp	AF159976 BmKClTx4V	----	MKFLYGIIVFIALFLTVM	F--TQ-TD	GCPCFTT	DANMARK	CRECCG	-GIGK-	-CFGPQ	CLC	NR	-----	59	² Precursor									
Mta	sp	P59887.1 Bs14	-----	-----	-----	CGPCFT	KDPETE	KKCATCCG	-GIGR-	-CFGPQ	CLC	NR	GY	-----	36	unknown								
Ama	sp	P01498.1 P2	-----	-----	-----	CGPCFTT	DPYTESK	CATCCG	-GRGK-	-GVGPQ	CLC	NR	-----	35	³ Insect Tox									
Lqh	sp	P85066.1 GaTx1	-----	-----	-----	CGPCFTT	DHQMEQK	CAECCG	-GIGK-	-CYGPQ	CLC	NR	-----	34	ClCh									
Meu	sp	P60268.1 BeI3	-----	-----	-----	MCMP	CFTT	DHQTARR	CRDCCG	-GRGR-K	CFG-Q	CLCGYD	-----	36	¹ Precursor									
Lqu	sp	P45639.1 ClTx	-----	-----	-----	MCMP	CFTT	DHQMARR	CDCCG	-GKGRGK	GYGPQ	CLC	-----	36	ClCh, InGlioma, NMR									
Aau	sp	P86436.1 AaCTx	-----	-----	-----	MCIP	CFTT	PNMAAK	CNACCGSRRGS	--CRG	PQCIC	-----	34	InGlioma cells										
Meu	gb	ADT64276.1 1b	-----	-----	TEA-	MCMP	CFTT	REDMA	QQCRDCCG	-GNGK-	-CFGYQ	CLC	NRG	-----	39	Precursor								
Meu	sp	P86402.1 MeuCTx-1	-----	-----	-----	MCMP	CFTT	REDMA	QQCRDCCG	-GNGK-	-CFGYQ	CLC	NR	-----	35	⁴ Kv1.2/KCNA2								
Meu	gb	ABR21063.1 Tx2	----	MKFLYGIIVFIALFLTGM	IAHTHEA-	MCMP	CFTT	REDMA	QQCRDCCG	-GNGK-	-CFGYQ	CLC	NR	GRIVIMYT	67	Precursor								
Meu	gb	ABR21062.1 Tx1	----	MKFLYGIIVFIALFLTVM	IAHTHEA-	MCMP	CFTT	REDMA	QQCRDCCG	-GNGK-	-CFGYQ	CLC	NRG	-----	60	Precursor								
Meu	gb	ADT64275.1 ClTx-1a	----	MKFLYGIIVFIALFLTVM	IAHTL	TEA-	MCMP	CFTT	REDMA	QQCRDCCG	-GNGK-	-CFGYQ	CLC	NRG	-----	60	Precursor							
Meu	sp	P15220.1 InToxI1	-----	-----	-----	MCMP	CFTT	REDMA	QQCRACCK	-GRGK-	-CFGPQ	CLC	GYD	-----	36	Insect Tox								
Mgi	gb	KF743061 MegClTx2V	----	MKFLYGIIVFIALFLTVM	IAHTHEA-	MCMP	CFTT	REDMA	QQCRDCCR	-GRGK-	-CFGPQ	CLC	GYD	-----	60	Precursor								
Mgi	gb	KF743060 MegClTx1V	----	MKFLYGIIVFITLFLTVM	IAHTHEAA-	MCMP	CFTT	NLNMEQE	CRDCCG	-GTGR-	-CFGPQ	CLC	GYD	-----	61	Precursor								
Mgi	gb	KF743061 MegClTx3V	----	MKFLYGIIVFITLFLTVM	IAHTHEA-	MCMP	CFTT	REDMA	QQCRDCCR	-GRGK-	-CFGPQ	CLC	GYD	-----	60	Precursor								
Boc	gb	ACJ23133.1 Tx32	----	MKFLYGIIVFIALFLTVM	IAHTHEAG	CEDRPCKP	-SEVYDRF	QWKCCG	-GKGK	CDVE	KAHV	CV	CSRG	-----	63	Precursor								
Boc	gb	ACJ23135.1 Tx800	----	MKFLYGIIVFIALFLTVM	IAHTHEAG	CEDRPCKP	-SEVYDRF	QWKCCG	-GKGK	CDVE	KAHV	CV	CSRG	-----	63	Precursor								
Boc	gb	ACJ23132.1 Tx16	-----	MVFVAVFLTVM	IAHTHEAACA	--PCLPG	FLRDKK	KACCG	-GNGK	-	MGIS	RC	SGGSKS	----	57	Precursor								