

			signal-peptide  pro-peptide / MATURE PEPTIDE															
Species	AccNum	name	10		30		50		70		90		aa	%I	E-value			
Buto	B8XH40.1	BuTXKbeta2	--mqrnlvvl	lll	gmvalss	cg	lrekhfq	KLVKYAVPE	STLRTILQTAVHKL	GKTQFG	CPAYQGYCDDHC	QDIKKEEGF	CHGMKCKCGIPMGF	---	91	95	5e-52	
Meup	A9XE59.1	MeuTXKbeta2	--mqrnlvvl	lfl	gmvalss	cg	frekhfq	RFVKYAVPE	STLRTVLQTVVHKVG	KTQFG	CSAYQGYCDDHC	QDIEKKEEGF	CHGFKCKCGIPMGF	---	91	88	4e-54	
Meup	A9XE60.1	MeuTXKbeta1	--mqrnlvvl	lfl	gmvalss	cg	frekhfq	RFVKYAVPE	STLRTVLQTVVHKVG	KTQFG	CPAYQGYCDDHC	QDIEKKEEGF	CHGFKCKCGIPMGF	---	91	89	5e-55	
Anau	P69939.1	AaTXKbeta	--mqrnlvvl	lfl	gmvalss	cg	lrekhvq	KLVKYAVPVG	TLRTILQTVVHKVG	KTQFG	CPAYQGYCDDHC	QDIKKEEGF	CHGFKCKCGIPMGF	---	91	93	5e-56	
Mgib	KF770824	MegbetaKTx1	--mqrnlvvl	lfl	gmvalss	cg	lrekhfq	KLVKYAVPE	GTLRTIIQTAVHKL	GKTQFG	CPAYQGYCDDHC	QDIKKEEGF	CHGFKCKCGIPMGF	---	91	100		
Bmar	Q9N661.1	BmTXKbeta2	--mqrnlvvl	lfl	gmvalss	cg	lrekhfq	KLVKYAVPE	GTLRTIIQTAVHKL	GKTQFG	CPAYQGYCDDHC	QDIKKEEGF	CHGFKCKCGIPMGF	---	91	99	2e-59	
Tser	P69940.2	TsTXKbeta	--merklall	lil	gmvtlas	cg	lrekhvq	KLVA-LIPNDQ	LRSILKAVVHKVAK	TQFG	CPAYEGYCN	DHCNDIERKDGE	CHGFKCKCAKD	-----	87	64	9e-35	
Tsti	P0C2F3.1	TstbetaKTx	-----	-----	-----	-----	-----	KLVA-LIPNDQ	LRSILKAVVHKVAK	TQFG	CPAYEGYCN	DHCNDIERKDGE	CHGFKCKCAKD	-----	60	62	1e-19	
Tcos	Q5G8A6.1	TcobetaKTx	--merklall	lfl	gmvtlas	c	GLREKHVQ	KLVA-LIPNDQ	LRSILKAVVHKVAK	TQFG	CPAYEGYCN	NHCQDIERKDGE	CHGFKCKCAKD	-----	87	65	2e-35	
Ttri	Q0GY46.2	TtrbetaKTx7	--merkwall	lfl	gmvtlv	s	cg	lrekhvq	KLVA-LIPNDTV	RSILKAVVHKAAK	TQFG	CPAYEGYCN	NHCQDIKRKDGE	CHGFKCKCAKD	-----	87	65	5e-35
Tdis	Q0GY44	TdibetaKTx	--merklall	lll	gmittlas	s	glrekhvq	KLVT-LIPNDT	LRSIMKTIVHKLAK	TQFG	CPAYEGYCM	NHCQDIERHDGS	CHGFKCKCEKS	-----	87	66	2e-30	
Lymu	P0CI49.1	beta-KTx31.1	mqakrtill	llll	gmvalss	cg	lrekhvq	GLVNKFVPAGIV	KNLLQAGIHKVAK	MQYGCPIIKDYCS	FHCNDLEKHEGY	CHGTKCKCNIPNQYELF		96	56	5e-27		
Lymu	D9U2A7	beta-KTx7	mqakrtill	llll	gmvalss	cg	lrekhvq	GLVNKFVPAGIV	KNLLQAGIHKVAK	MQYGCPIIKDYCS	FHCNDLEKHEGY	CHGTKCKCNIPNQYELF		96	56	5e-27		