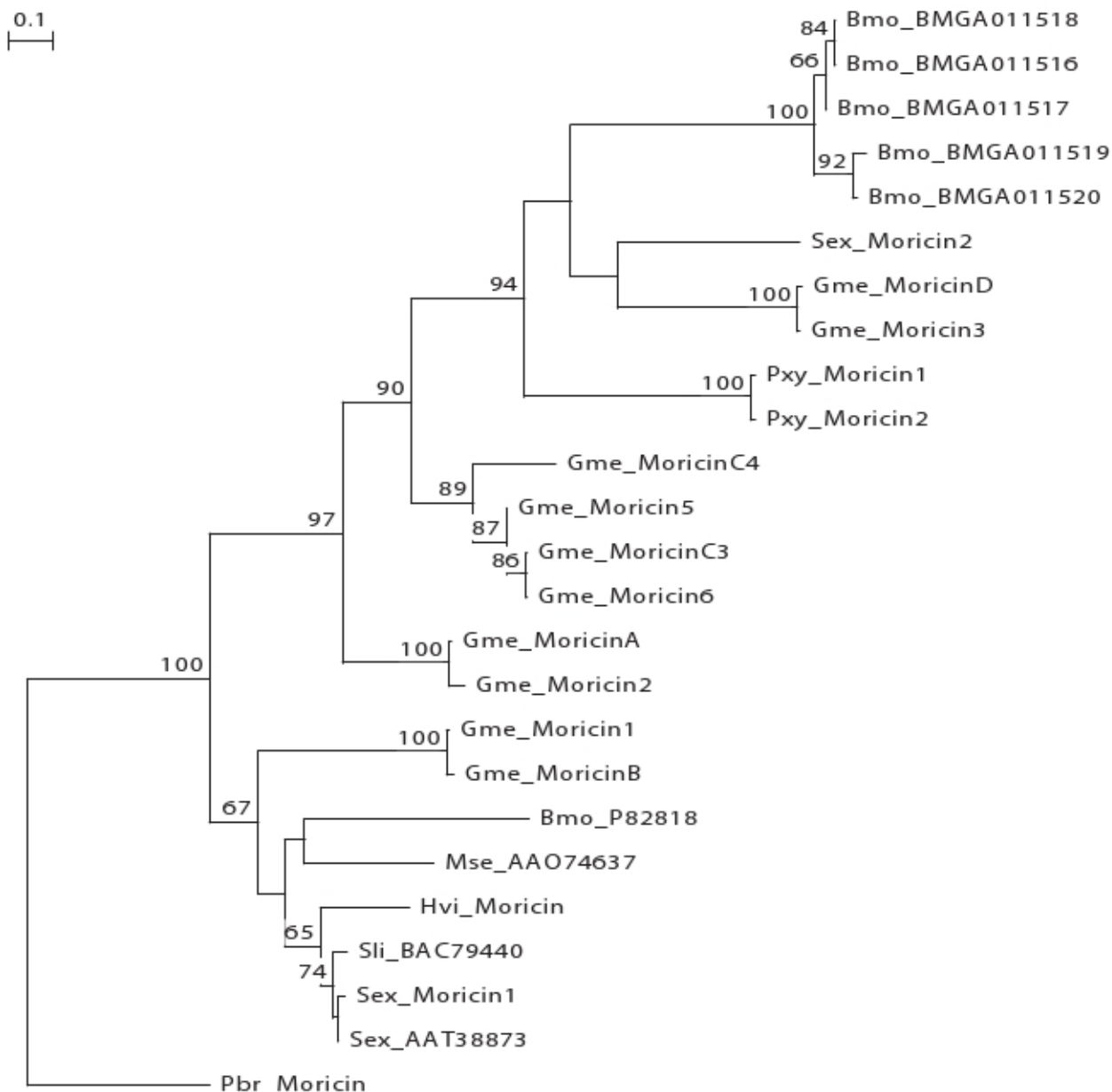


A)



B)

Sex_AAT38873	MKLT	TKVF	FVIV	IVV	ALL	VPS	-E	AAPG	-	KIP	VKA	IKK	AGT	AI	GK	GL	RA	IN	IA	ST	AH	DV	YS	FF	KP	KH	KK	-	KH																																								
Sex_Moricin1	MKLT	TKLF	FVIV	IVV	ALL	VPS	-E	AAPG	-	KIP	VKA	IKK	AGT	AI	GK	GL	RA	IN	IA	ST	AH	DV	YS	FF	KP	KH	KK	-	KH																																								
Sli_BAC79440	MKLT	TKVF	VIL	IVV	ALL	VPS	-E	AAPG	-	KIP	VKA	IKK	AGA	AI	GK	GL	RA	IN	IA	ST	AH	DV	YS	FF	KP	KH	KK	-	KH																																								
Hvi_Moricin	MKFT	TKVL	FIV	FIV	VIAL	VPS	-E	AAPG	-	KIP	IGA	IKK	AGK	AI	GK	GL	RA	VN	IA	ST	AH	DV	YT	FF	KP	-	-	KK	-	RH																																							
Mse_AA074637	MKLT	SLFI	FVIV	IVALS	SL	FS	ST	DAAPG	-	KIP	VKA	IKK	QAG	KVI	GK	GL	RA	IN	IA	AG	TH	DV	VS	FF	RP	K	-	KK	-	KH																																							
Gme_MoricinB	M	-	SI	LV	VMM	V	MAM	FVSS	GDAAPG	-	KIP	VKA	IKK	GGQ	II	GK	AL	RG	IN	IA	ST	AH	DI	IS	QF	KP	KK	KK	-	NH																																							
Gme_Moricin1	MRL	SI	FV	VMM	V	MAM	FVSS	GDAAPG	-	KIP	VKA	IKK	GGQ	II	GK	AL	RG	IN	IA	ST	AH	DI	IS	QF	KP	KK	KK	-	NH																																								
Bmo_P82818	MN	IL	K	F	F	F	V	FIV	AMSL	V	SCS	-T	AAP	A	-	KIP	TKA	IK	TV	GK	AV	GK	GL	RA	IN	IA	ST	AN	DV	FN	FL	KP	K	-	KH																																		
Bmo_BMGA011520	MK	V	F	S	L	F	C	V	V	L	A	M	L	V	L	I	M	G	G	T	S	A	A	P	E	P	K	G	I	G	K	I	I	R	K	G	G	K	V	I	K	H	G	L	T	V	I	G	V	G	A	A	G	H	D	A	Y	Q	Q	S	-	-	-	-	Q	N	-	S	G
Bmo_BMGA011519	MK	V	F	S	I	F	C	V	V	L	A	M	L	V	L	I	M	G	G	T	S	A	A	P	E	P	K	G	I	G	K	I	I	R	K	G	G	K	V	I	K	H	G	L	T	V	I	G	V	G	A	A	G	H	D	A	Y	Q	Q	S	-	-	-	-	Q	N	-	S	G
Bmo_BMGA011516	MK	V	F	S	F	F	C	V	V	L	A	M	L	V	L	I	M	G	G	T	S	A	A	P	E	P	K	G	I	G	K	I	I	R	K	G	G	K	V	I	K	H	G	L	T	A	I	G	V	G	A	A	G	H	E	V	Y	Q	D	S	-	-	-	-	K	N	-	S	G
Bmo_BMGA011518	MK	V	F	S	F	F	C	V	V	L	A	M	L	V	L	I	M	G	G	T	S	A	A	P	E	P	K	G	I	G	K	I	I	R	K	G	G	K	V	I	K	H	G	L	T	A	I	G	V	G	A	A	G	H	E	V	Y	Q	D	S	-	-	-	-	K	N	-	S	G
Bmo_BMGA011517	MK	V	F	S	L	F	C	V	V	L	A	M	L	V	L	I	M	G	G	T	S	A	A	P	E	P	K	G	I	G	K	I	I	R	K	G	G	K	V	I	K	H	G	L	T	A	I	G	V	G	A	A	G	H	E	V	Y	Q	D	S	-	-	-	-	K	N	-	S	G
Gme_Moricin2	MN	FT	G	I	F	F	V	I	M	A	I	I	A	L	F	I	G	S	N	E	A	A	P	-	-	K	V	N	V	N	A	I	K	K	G	G	K	A	I	G	K	G	F	K	V	I	S	A	A	S	T	A	H	D	V	Y	E	H	I	-	-	-	-	K	N	-	R	R	H
Gme_MoricinA	MK	FT	G	I	F	F	I	M	A	I	I	A	L	F	I	G	S	N	E	A	A	P	-	-	K	V	N	V	N	A	I	K	K	G	G	K	A	I	G	K	G	F	K	V	I	S	A	A	S	T	A	H	D	V	Y	E	H	I	-	-	-	-	K	N	-	R	R	H	
Gme_Moricin5	MK	LT	G	L	F	F	M	I	M	A	V	L	A	L	F	V	G	A	G	Q	A	D	P	-	-	K	V	P	I	G	A	I	K	K	G	G	K	I	I	K	K	G	L	G	V	I	G	A	A	G	T	A	H	E	V	Y	S	H	V	-	-	-	-	K	N	-	R	H	
Gme_Moricin6	MK	LT	G	L	F	L	M	I	M	A	V	L	A	L	F	V	G	A	G	Q	A	D	P	-	-	K	V	P	I	G	A	I	K	K	G	G	K	I	I	K	K	G	L	G	V	I	G	A	A	G	T	A	H	E	V	Y	S	H	V	-	-	-	-	K	N	-	R	Q	
Gme_MoricinC3	MK	LT	G	L	F	L	M	I	M	A	V	L	A	L	F	V	G	A	G	Q	A	D	P	-	-	K	V	P	I	G	A	I	K	K	G	G	K	I	I	K	K	G	L	G	V	I	G	A	A	G	T	A	H	E	V	Y	S	H	V	-	-	-	-	K	N	-	R	Q	
Gme_MoricinC4	MK	LT	G	L	F	L	M	I	M	A	V	I	A	L	F	I	D	V	G	Q	A	D	P	-	-	K	V	P	V	G	A	I	K	K	G	G	K	A	I	K	T	G	L	G	V	V	G	A	A	G	T	A	H	E	V	Y	S	H	I	-	-	-	-	R	N	-	R	H	
Pxy_Moricin2	MR	FF	H	L	L	M	L	A	A	M	T	L	L	L	G	G	A	H	A	A	P	-	-	-	K	V	N	V	N	A	L	R	K	G	G	R	V	I	R	K	G	L	G	V	I	G	A	A	G	T	A	H	E	V	N	N	H	V	R	N	-	-	R	N	-	Q	G		
Pxy_Moricin1	MR	FF	H	L	L	M	L	A	A	M	T	L	L	L	G	G	V	H	A	A	P	-	-	-	K	V	N	V	N	A	L	R	K	G	G	R	V	I	R	K	G	L	G	V	I	G	A	A	G	T	A	H	E	V	N	N	H	V	R	N	-	-	R	N	-	Q	G		
Gme_Moricin3	MK	FF	N	L	V	L	M	V	F	A	V	A	L	M	L	N	G	T	N	A	E	P	-	-	K	G	I	G	S	A	L	K	K	G	G	K	I	I	K	G	L	G	A	L	G	A	I	G	T	G	Q	Q	V	Y	E	H	V	-	-	-	-	Q	N	-	R	Q			
Gme_MoricinD	MK	FF	N	L	V	L	M	V	F	A	V	A	L	M	L	N	G	T	N	A	E	P	-	-	K	G	I	G	S	A	L	K	K	G	G	K	I	I	K	G	L	G	A	L	G	A	I	G	T	G	Q	Q	V	Y	E	H	V	-	-	-	-	Q	N	-	R	Q			
Sex_Moricin2	MK	L	F	N	L	V	L	V	L	A	V	V	A	M	F	M	G	G	A	S	A	H	P	-	-	K	G	K	S	A	L	R	K	G	A	K	A	I	R	A	G	I	G	A	I	G	T	G	H	E	I	Y	Q	H	V	-	-	-	-	K	N	-	R	G					
Pbr_Moricin	MD	F	R	K	I	F	L	L	I	V	L	S	V	F	T	I	F	G	C	-	E	A	R	P	G	-	-	K	I	P	T	V	I	K	K	A	K	L	V	G	D	G	L	K	A	L	N	V	A	S	T	V	H	D	I	Y	S	A	L	H	H	K	-	KK	-	KH			