

Class	Gene family	Gene name	
ANTP	En	En	x
	Gbx	Gbx	x
	Mnx	Mnxa	x
		Mnxb	x
	Evx	Evxa	x
		Evxb	x
	Hox	Hox1	x
		Hox2	o
		Hox3	x
		Hox4	x
		Hox5	o
		Hox6	x
		Hox7	o
		Hox8	o
		Hox9	o
		Hox10	o
		Hox11	o
		Hox12	o
		Hox13	o
		Hox14	o
		Hox15	o
	ParaHox	Gsx	o
		Xlox	o
		Cdx	x
	Meox	Mox	x
	Ro	Ro	o
	Barh	Barh	x
	Barx	Barx	x
	Bari	Bari	o
	Bsx	Bsx	o
	Dbx	Dbx	x
	Dlx	Dll	x
	Emx	Emxa	x
		Emxb	x
	Hlx	Hlx	o
	Hx	Hx	x
	Msx	Msx	x
	Msxlx	Msxlx	o
	Nk2.1/Scro	Nkx2-1	x
	Nk2.2/Vnd	Nkx2-2	x
	Hmx	Hmx	x
	Nk6	Nkx6	x
	Nk7	Nkx7	x
	Noto	Not	x
	Vax	Vax	o
	Ventx	Vent1	x
		Vent2	x
	Lcx	Lcx	x
	Lb	Lbx	x
	Nk1/Slou	Nkx1a	o
Nkx1b		o	
Nk3/Bap	Nkx3	x	
Nk4/Tin/Csx	Csx	x	
Tlx	Tlx	x	
Nedx	Nedxa	x	
	Nedxb	x	
Abox	Abox	o	
Ankx	Ankx	x	
Hhex	Hhex	x	

Class	Gene family	Gene name		
PRD	Pax1/9	Pax1/9	x	
	Pax2/5/8	Pax2/5/8	x	
	Pax3/7	Pax3/7	x	
	Pax4/6	Pax6	x	
	Pon	Pon	o	
	Arx	Arx	o	
	Alx	Alx	x	
	Vsx	Vsx	x	
	Isx	Isx	x	
	Dmbx	Dmbx	x	
	Drgx	Drgx	o	
	Gsc	Gsc	x	
	APrDA	Aprd1	o	
	APrDB	Aprd2	x	
	APrDC	Aprd3	o	
	APrDD	Aprd4	x	
		Aprd5	x	
	APrDE	Aprd6	x	
	Otp	Otp	x	
	Otx	Otx	x	
	Phox	Phox	o	
	Prop	Prop	o	
	Pitx	Pitx	x	
	Prrx	Prrx	o	
	Repo	Repo	o	
	Rax	Rax	o	
	Shox	UncxA	x	
		UncxB	x	
		UncxC	o	
	Hopx	Hopx	x	
	CUT	Onecut	Onecut	x
		Cux	Cux	x
		Cmp	Compass	x
		Acut	Acut	x
	LIM	Lhx2/9	Lhx2/9-a	x
			Lhx2/9-b	o
		Isl	Isl	x
		Lhx1/5	Lhx1/5	x
		Lhx3/4	Lhx3/4	x
		Lhx6/8	Lhx6/8	o
Lmx	Lmx	x		
PROS	Prox	Prox	x	
SINE	Six1/2	Six1/2	x	
	Six3/6	Six3/6	x	
	Six4/5	Six4/5	x	
TALE	Irx	IrxA	x	
		IrxB	x	
		IrxC	x	
	Meis	Meis	x	
	Mkx	Mkx	x	
	Atale	Atale	o	
	Pbx	Pbx	x	
	Pknox	Pknox	x	
Tgif	Tgif	x		

Class	Gene family	Gene name	
ZF	Zfhx	Zfhx	x
	Azfh	Azfh	x
	Zeb	Zeb	x
	Tshz	Tshz	x
	Zhx	Zhx	x
CERS	Cers	Cers	x
POU	POU1	POU1	o
	POU2	POU2	x
	POU3	POU3	x
	POU4	POU4	x
	POU6	POU6	x
	POU3	POU3L	x
	Hdx	Hdx	x
HNF	HNF1	Tcf	x
	Hmbox	Hmbox1A	x
		Hmbox1B	x
Ahnfx	Ahnf	x	
Other	Ahbx	Ahbx1	x
	Muxa	Muxa	o
	Muxa	Muxb	x

Additional table 1