

**Lab Probes --- updated 05/24/04**

<u>name</u>	<u>insert size</u>	<u>release with</u>	<u>linearize with</u>	<u>polym.</u>
Ath1			PmeI	T7
axial			DraI	T3
cyp26				T7
dcash/dHAND (Kyu Ho Lee)	1.7kb		BamHI	T7
deltaA (B. Appel)	3.05 kb		XbaI	T7
deltaB (Julian Lewis)			EcoRI	T7
deltaC (Julian Lewis)	~2kb?	EcoR1 + Xho1	Xba1	T7
delta D (B. Appel)	3 kb	Xho1	EcoR1	T7
dlx-2	1.67	Xba I + Xho I	Xba I	T7
dlx3 (Andreas)			Sall	T7
elf-1 (L. Zon - kan <sup>r</sup> )			BamHI	T7
en3 (J. Wegner)			Bam HI	T3
EphA4 (formerly "rtk-1" from Nigel Holder)	500 bp	EcoRI/HIII	EcoRI	T3
EphB4a (formerly "rtk-5" from Julie Cooke)	3.7 kb	EcoRI/XhoI	XbaI	T7
efnB2a (formerly "L5" from Lindsey Durbin)			Apal	T3
efnB3				
erm A			Not1	T3
erm B			Not1	T3
ets-1 (Dave Raible)	1.6 kb	EcoR1 + Xho1	Not1	T7
evx-1			BamHI	T7
fgf3 (Lisa maves)			BamHI	T7
fgf8 (CS2- fgf8 - Kevin Griffin)			Xho1	T7
fgfR1 (Bruce Draper)			NotI	T7
fgfR2 (Bruce Draper)				

fgfR3 (Bruce Draper)			Sma1	SP6
fgfR4 (Bruce Draper)				
flh			EcoRI	T7
fli-1 (L. Zon - kan <sup>r</sup> )			EcoRI	T7
fli-3 (L. Zon - kan <sup>r</sup> )			EcoRI	T7
gata1			XbaI	T7
gata2			XbaI	T7
gata3 (Nick Trede)			Sal1	T7
gbx1				
gbx2			BamHI	T7
GDF5 (Silvia Bruneau) 0.66kb			BamHI	T3
gsc			XbaI	T7
GTPase RhoA (aka: "3C4" est from Kathy Joubin)			EcoRI	T7
hdc (A. Force) 0.6 kb		Eco RI	Not I	Sp6
her1			XhoI	T3
hh (sonic) 1.7 kb		Eco RI	Hind III	T7
hoxa2 (Vicky Prince)			Asp 718	T3
hoxb1b (Vicky Prince – formerly known as hoxa1)			KpnI (my notes say Xho)	T3
hoxb1 (Vicky Prince)			Asp 718	T3
hoxb2 (Yi lin) 1.8 kb		Eco RI	Sal I	T3
hoxb2 (Vicky Prince)			XbaI	T7 (my notes say T3)
hoxa3a (formerly known as "hoxE3")			BamHI	T7
hoxd3 (3.56; Vicky Prince)			AccI	T3
hoxb3 (3.92; Vicky Prince)			PstI (H)	T7
hoxb4 (Vicky Prince)			Kpn1	T3

hoxb6			BamHI	T7
hoxb7			SacII	SP6
hoxb8			SacII	SP6
hoxb9			NotI	T7
hoxb10			SacII	SP6
hoxC1 (A. Amores)	620 bp		BamHI	T7
hoxx 4 (aka "hoxd4" from Vicky Prince)			SacII	Sp6
isl-1 (V. Korzh)	2.8 kb	Eco RI + Xho I	EcoRI	T7
isl-2 (V. Korzh)	1.1 kb		EcoRI	T7
Krox20	1.9 kb	Eco RI	Pst I	T3
Lck (Nick Trede)			EcoRI	T7
lim-5 (B. Appel)			BamHI	T7
mariposa (Yi Lin Yan)			BamHI	T7
mef-1(L. Zon - kan <sup>r</sup> )			EcoRI	T7
meis 1.1 (pSport)			EcoRI	SP6
meis 2.2			NotI	T3
meis 3.1			NotI	T3
meis 4.1b			PmeI	T7
msxB (Akimenko- Ekker)			BamHI	T3
msxC (Akimenko- Ekker)			BamHI	T7
msxD (Akimenko- Ekker)			BamHI	T3
myoD (Sharon)			XbaI	T7
neurogenin				
nkx 2.3 (Kyu Ho Lee)	1.5 kb		HindIII	T7
nkx 3.2 (Kyu Ho Lee)	1.23kb (use 108+110)		BamHI	T7
notch 1b (M. Lardelli)	1.3kb		BamHI	T3

notch5 (M. Lardelli)	1.3 kb		BamHI	T3
notch6 (M. Lardelli)	1.2 kb		BamHI	T3
Nrp1a (Sam)			NotI	T3
Nrp1b (Sam)			NotI	T3
Nrp2a (Sam)			PmeI	T7
Nrp2b (Sam)			PmeI	T7
ntl (Sharon)			XhoI	T7
otx1				
otx2				
pax b or 2.1 (J. Wegner)			BamHI	T7
pax6 (est)			EcoRI	SP6
pbx4 (aka "lzf" or "pbxx")		670 bp	BamHI	T7
pdx (M. Milewski)	359 bp	XbaI/EcoRI	SalI	T3
pea3				
phox2a			SpeI	T7
pou2			SmaI	T7
prep1.1			PmeI	T7
prep 1.2			PmeI	T7
PU.1 (L. Zon - kan <sup>r</sup> )			EcoRI	T7
Rag-1 (Nick Trede)			HindIII	T7
Sema3Ga (Sam)				
sema3Gb (Sam)				
sema3Fa (Sam)			PmeI	T7
sema3Gb (Sam)				
sef1 (Michael Tsang)			Sall	T7
spt			EcoRI	T7

spty2 (Bruce Draper)					
spty4 (Bruce Draper)					
tag-1 (Jim Warren)	3.2 kb	EcoRI	HindIII	T3	
tbx6			NotI	T7	
tbx5.1			NotI	T3	
Tiam1 (aka: "1A4" est from Kathy Joubin)			Sall		SP6
tropomyosin			EcoRI	T3	
twhh					
vasa (Bruce Draper)			XbaI	T7	
valentino 3'UTR	490 bp	EcoRI	XhoI		Sp6
vhnf (pCS2 from Nancy Hopkins)			HindIII	T7	
wnt1					
wnt8b (Arne Levkin)			EcoRI	T7	
zf114 (Andreas) 1.03 kb			XbaI		Sp6
ZDK1	1.59kb	Not1/Xho1	NotI	T7	
Ziro1b			EcoRI		
zTH					