Ross' Lab.

Lina Li

Probes for Southern Blotting

PROBE NAME	Probe DNA generation				Southern Informat		
	Plasmid for probe generation	Restriction enzymes used	Size of DNA fragment	Antibiotics-resistant	Animal colonies to be detected	Size of DNA h +/+	+/-
CKO3'	RSS3' CondF/R	EcoR 1	400 bp	Ampicillin	CKO	12kb	12 & 8k
					d3-5	12kb	12 & 8k
					Mx1 Cre	12kb	12 & 8k
					Myc/d3-5	12kb	12 & 8k
					Tramp/d3-5	12kb	12 & 8k
					Backcross CKO	12kb	12 & 8k
					Backcross d3-5	12kb	12 & 8k
KI3'	BamH/B	Hind III/Xho1	1300 bp	Zeocin	dKI	16kb	16 & 10.8kb
					HIP2	16kb	16 & 10.8kb
					Tramp/dKI	16kb	16 & 10.8kb
					Myc/dKI	16kb	16 & 10.8kb
					Backcross dKI	16kb	16 & 10.8kb
					P53	16kb	16 & 10.8kb
3'RKO	pcDNA 3/3'RKO	Apa1/BamH1	700 bp	Ampicillin	HIP1r KO	11.1kb	11.1 & 7.8kb
					HIP2	11.1kb	11.1 & 7.8kb
					d2-8	11.1kb	11.1 & 7.8kb
					Backcross d2-8	11.1kb	11.1 & 7.8kb
						11.1kb	11.1 & 7.8kb
PBK5'	pcDNA3/FLH1p1 3'UTR	EcoR1/Kpn1	1300 bp	Ampicillin	PBK	1.3kb	
					Backcross PBK	1.3kb	