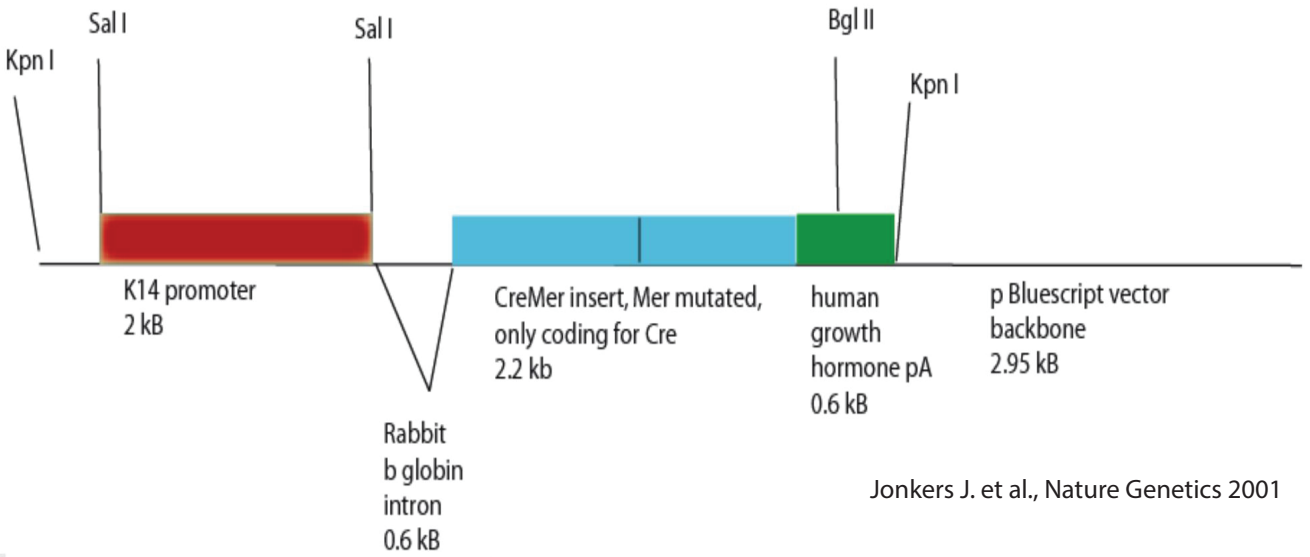
K14 Cre



Jonkers J. et al., Nature Genetics 2001

Southern blot analysis: presence transgene
Kpn I fragment was used for generating transgene

Digest: Bgl II
Probe: 300bp fragment internal Cre fragment

Results:
band of 4.8 kB (from concatenated fragments)

PCR analysis K14 Cre transgene ; presence of Cre

Primers of internal Cre fragment

Forward pr. (1):	GCACGTTCACCGGCATCAAC
Reverse pr.: (2)	CGATGCAACGAGTGATGAGGTTC

Conditions

DNA		1 µl
PCR buffer 10x		2
dNTP 2mM		2
MgCl 50mM		1
primer 1 (10 uM)		2
Primer 2 (10 uM)		2
Taq		0,2
H2O		12,8

PCR reaction

5 min.		94 C
30 cycles:		
	30 sec	94
	30 sec	59
	30 sec	72
5 min		72

Expected products:
Transgene: 320 bp