

## **Genotyping TGF $\alpha$ Transgenic Mice**

Tail 3 week old mice (1-1.5cm snip)

Extract DNA from tail sample using salt protocol or Qiagen kit

Resuspend DNA pellet in:

- a) dH<sub>2</sub>O and store in -80° C
- b) 1 x TE and store in 4° C overnight or -20° C for 3 months

## **Restriction Enzyme digest:**

a) single digest

cut with Xho 1 as follows  
20  $\mu$ l sample DNA  
3  $\mu$ l buffer React-2

b) double digest:

cut with Bam H1 and then Xho 1 as follows  
34  $\mu$ l sample DNA