



**PCR genotyping further confirmed the correct targeting of a GFP transgene into the *Uty* locus.** Dashed boxes indicate the homologous regions for homologous recombination. PCR primer pairs external to the targeting regions were used (arrows). DNA was extracted from mESC clones that were already identified as correctly targeted by Southern blotting analysis. Gel pictures show expected band sizes of PCR genotyping products (lower panels).