

FIG. 1

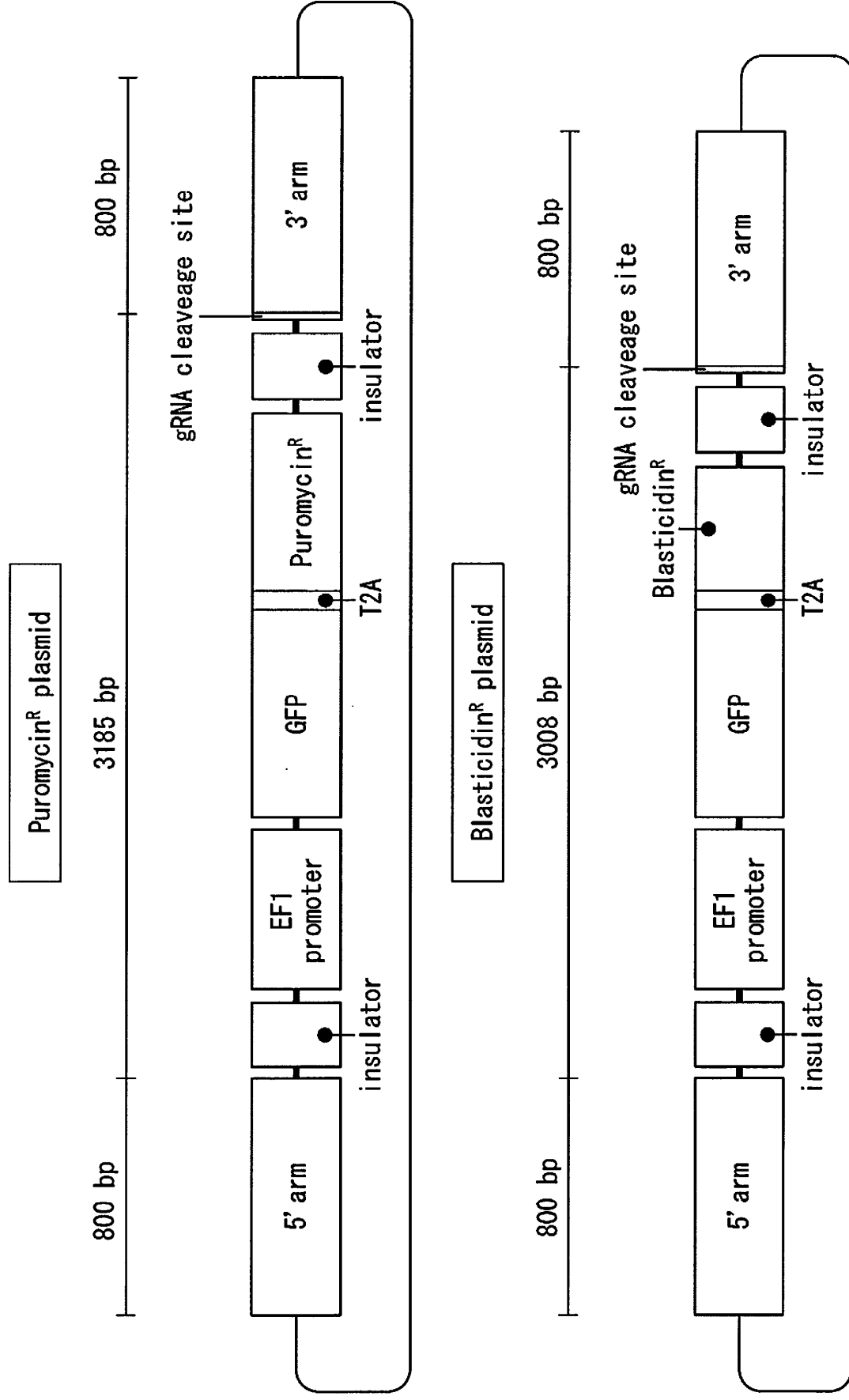


FIG. 2

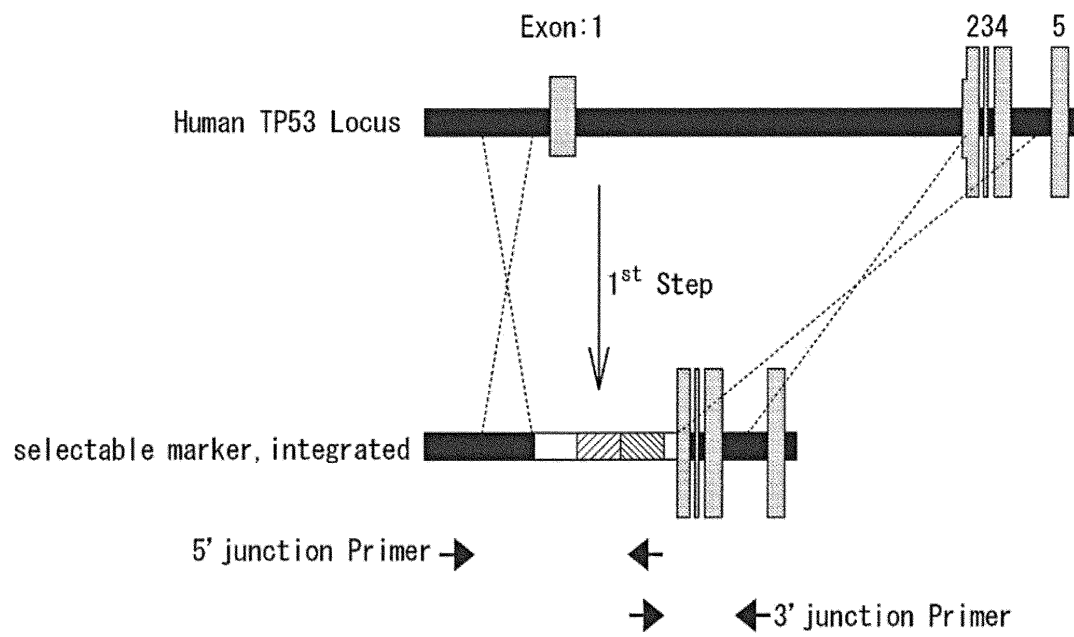
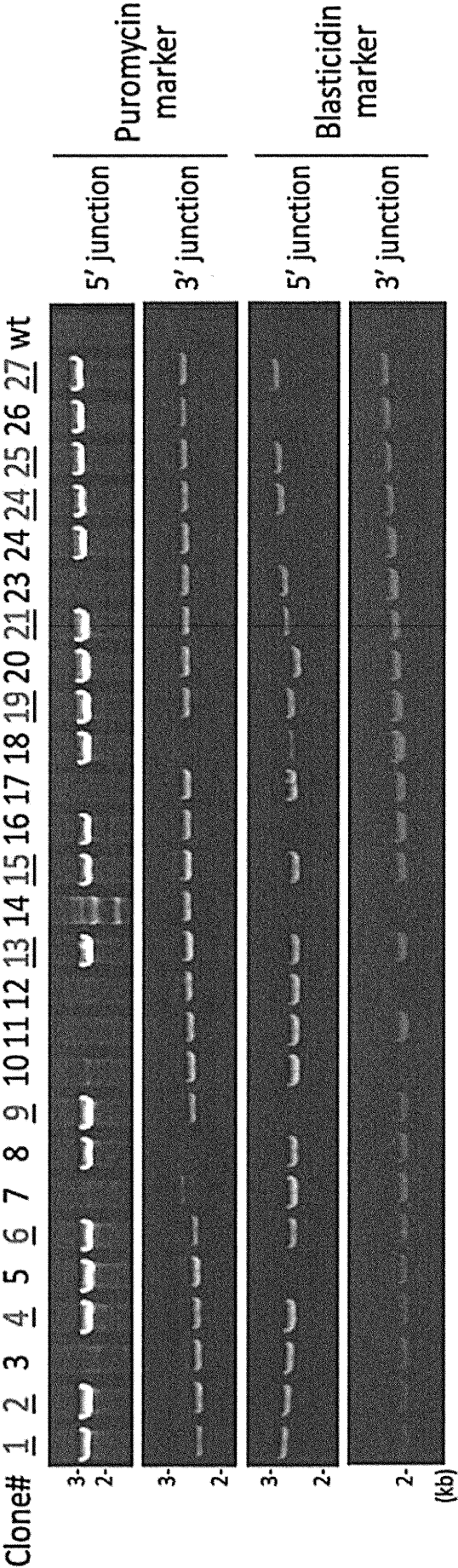


FIG. 3



Biallelically marker positive clones: 12/27

FIG. 4

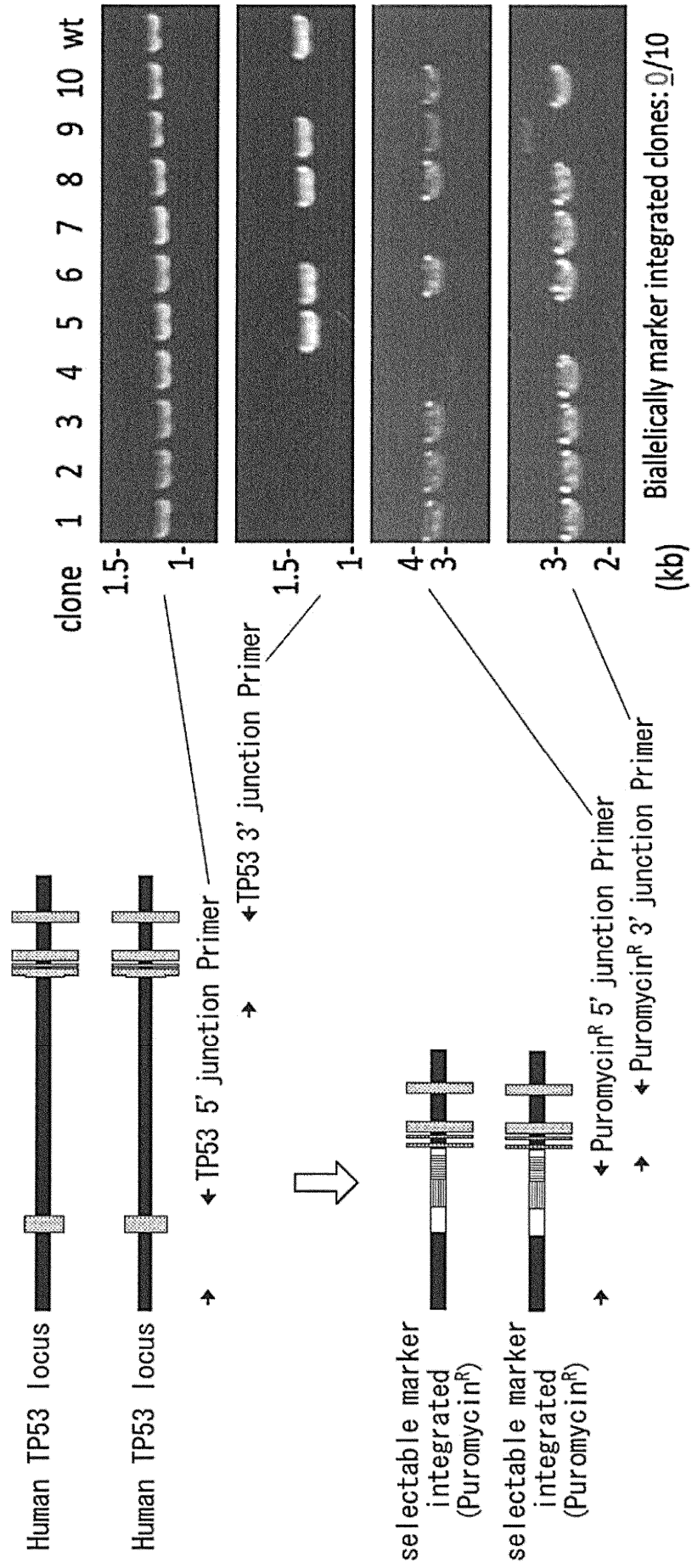


FIG. 5

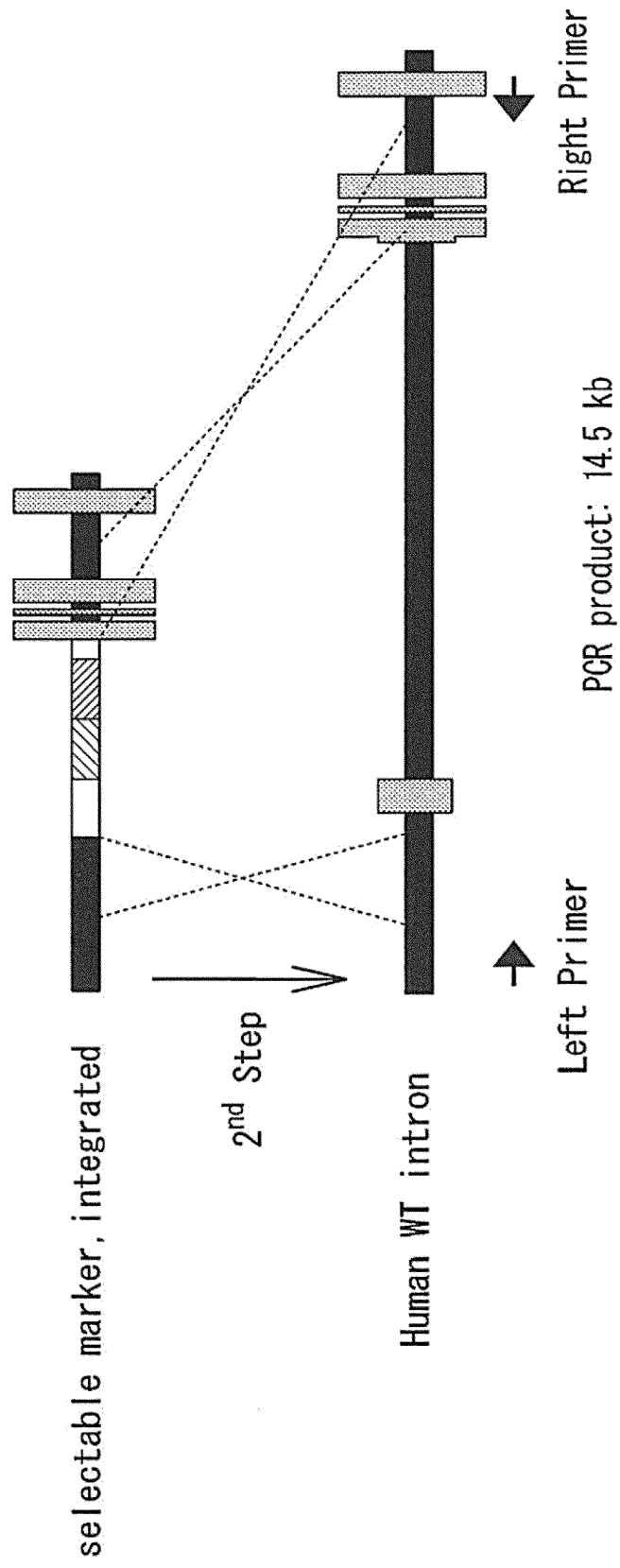


FIG. 6

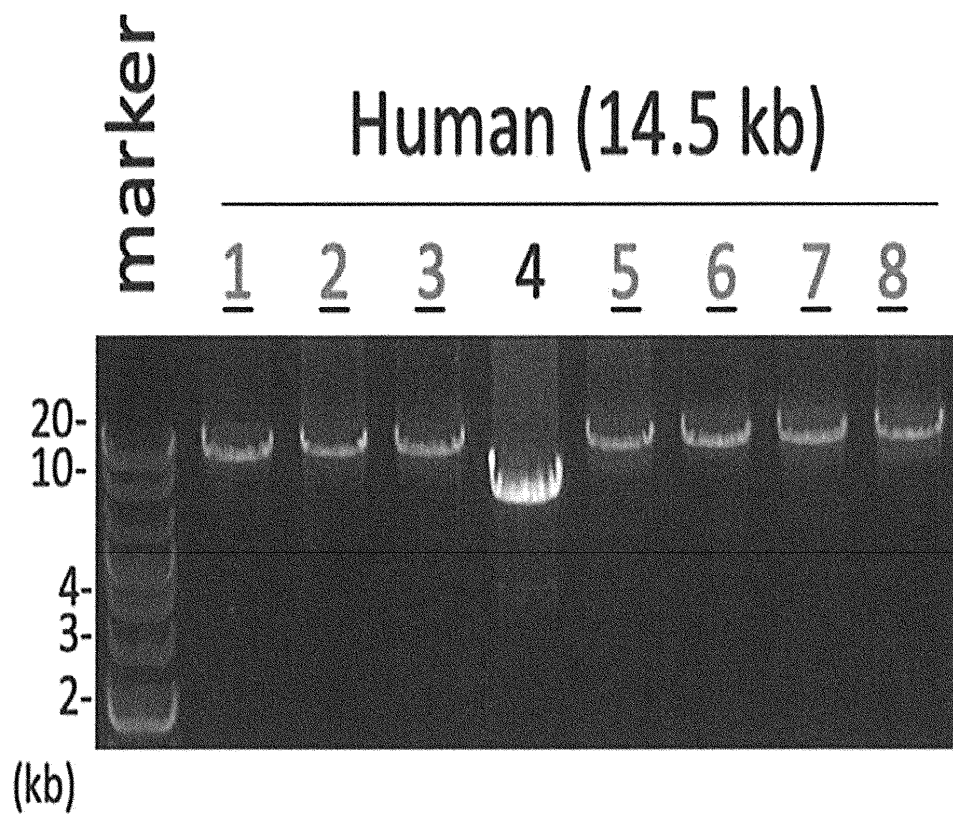


FIG. 7

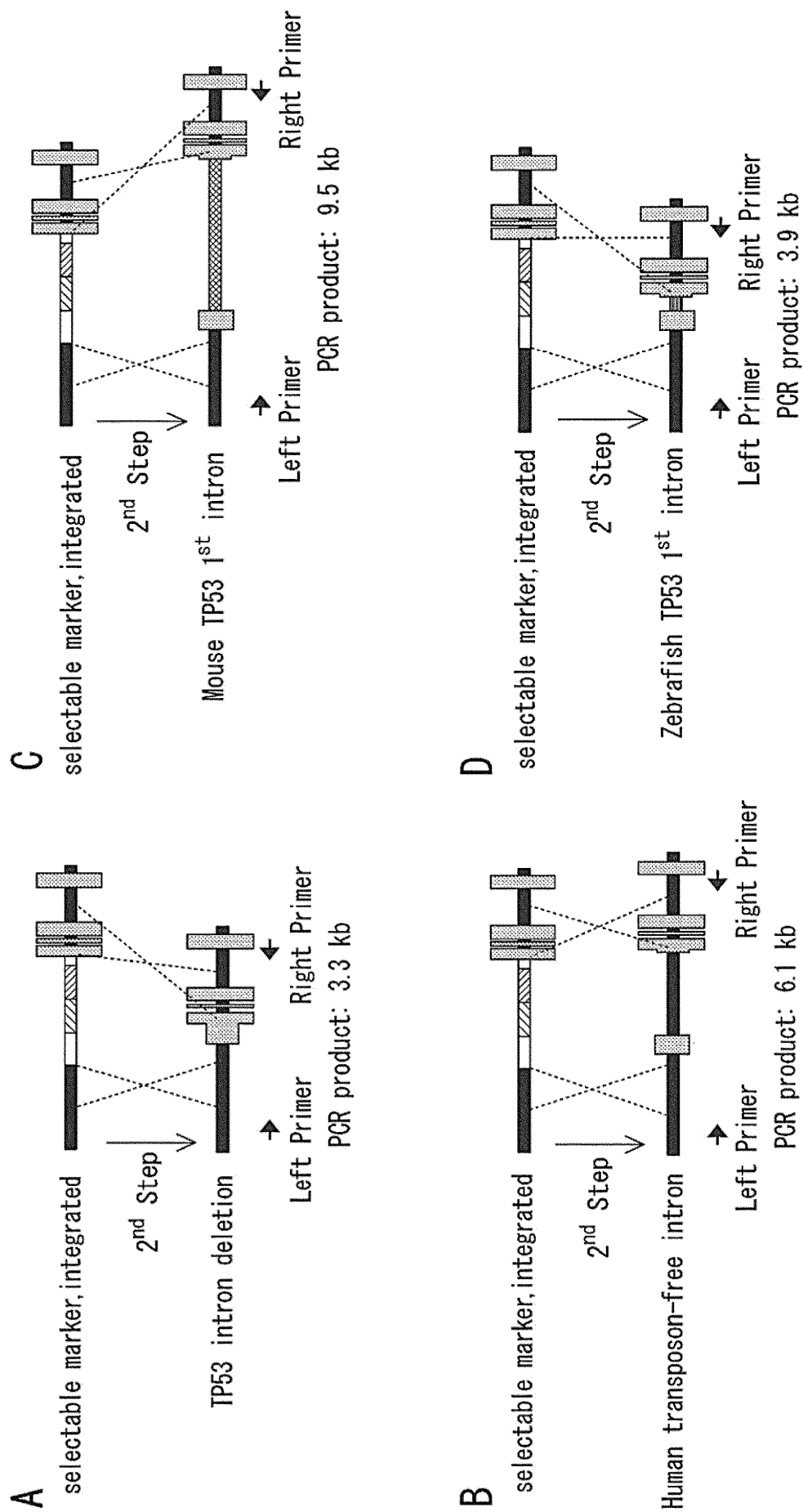


FIG. 8

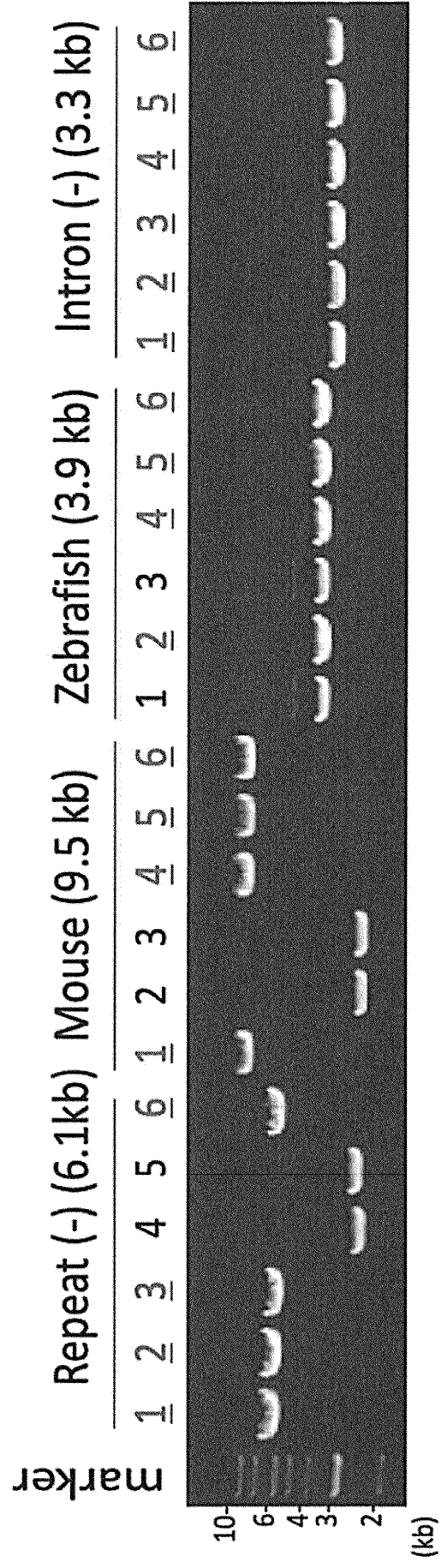


FIG. 9

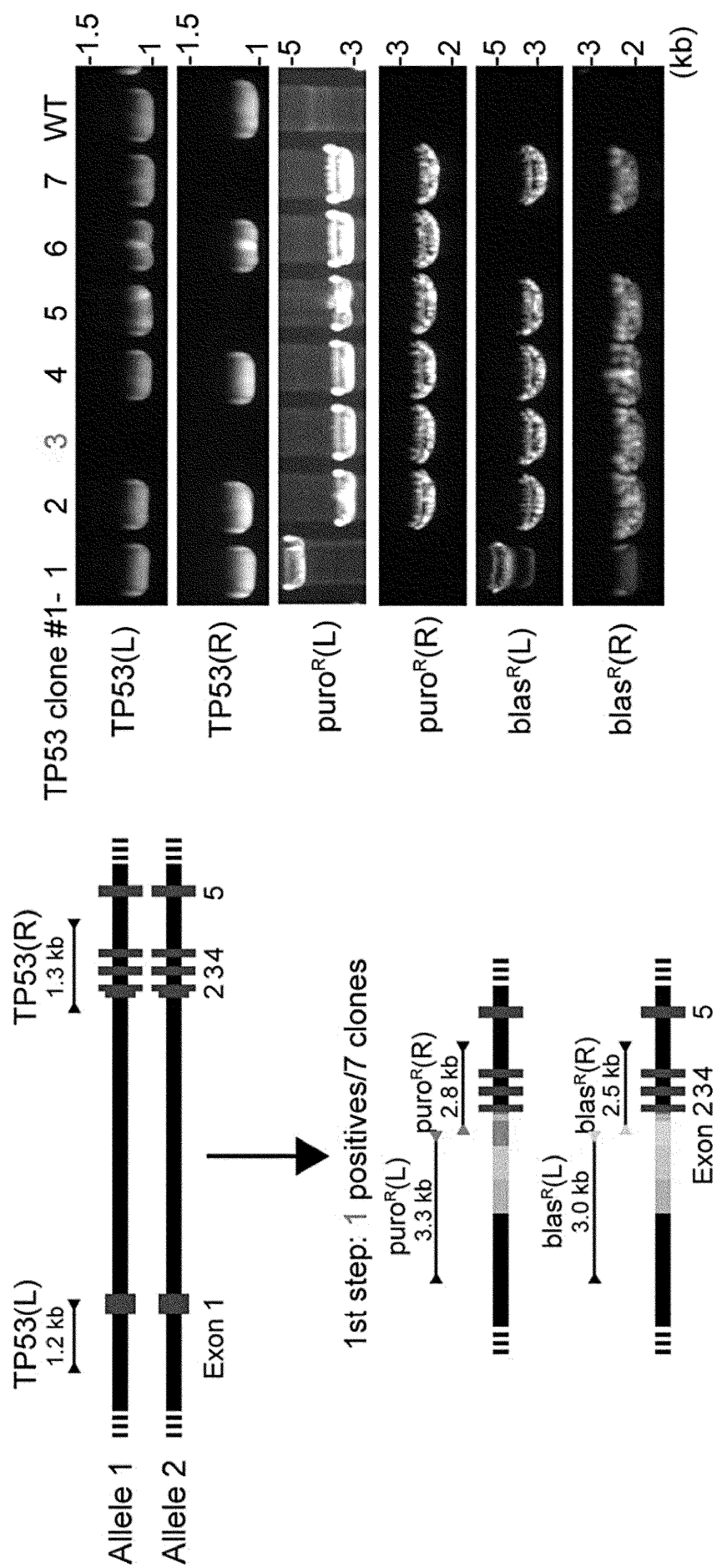


FIG. 10

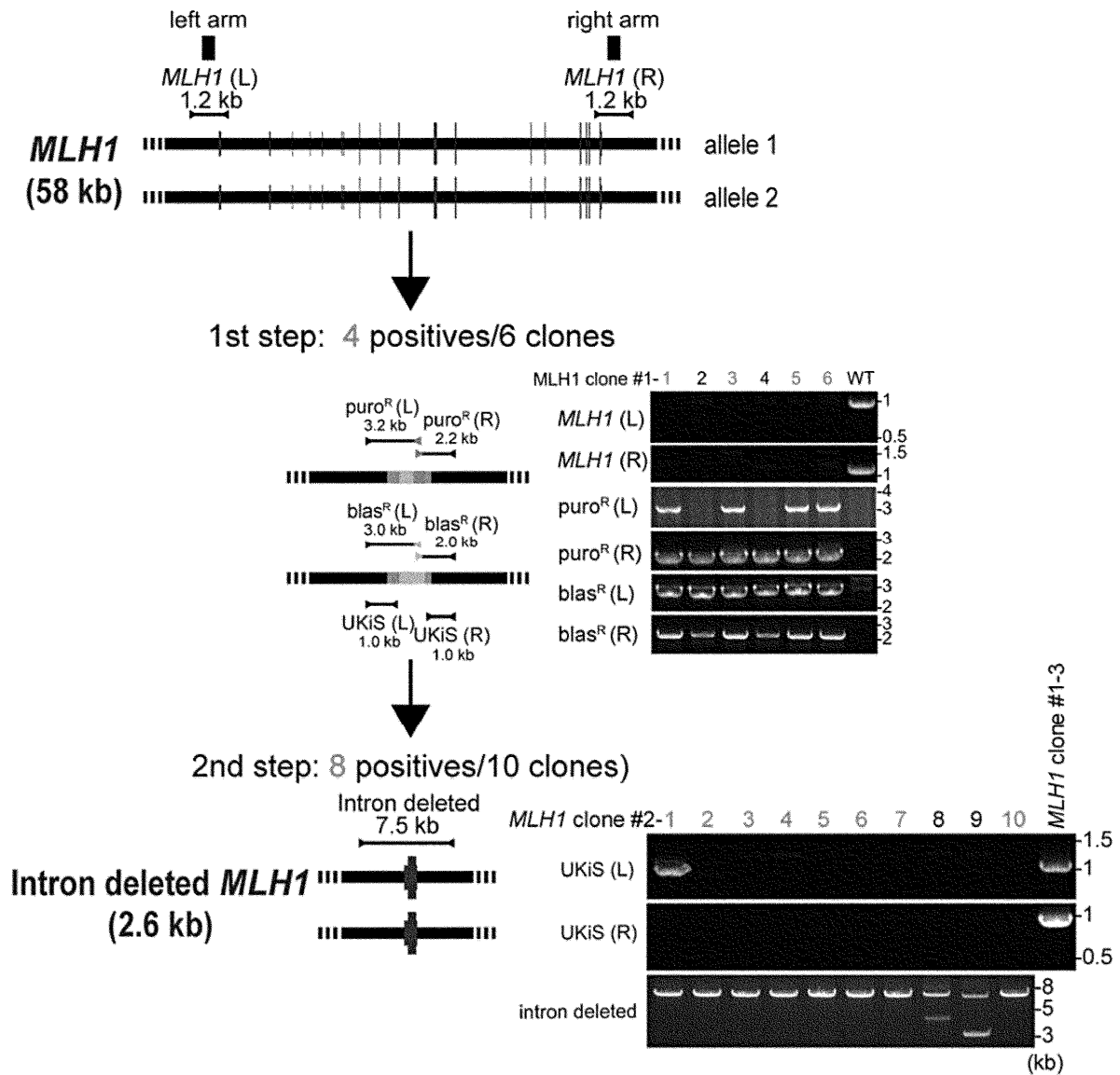


FIG. 11

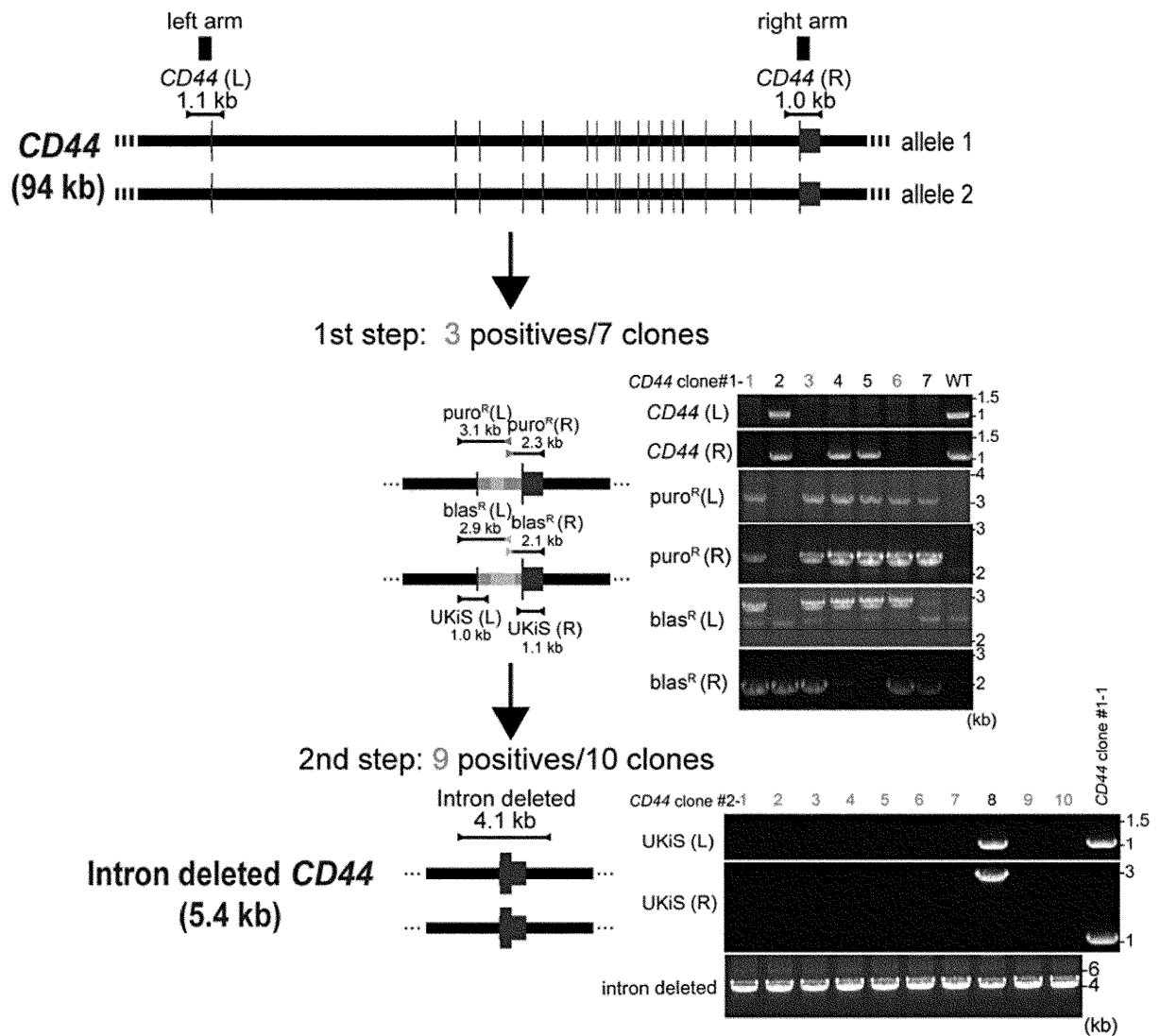
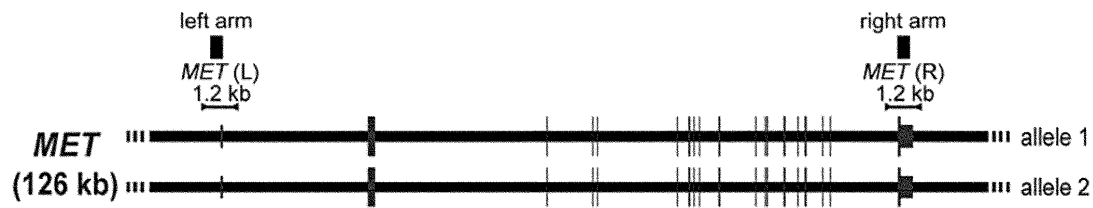
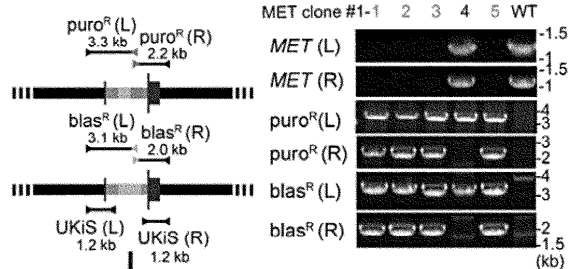


FIG. 12



1st step: 4 positives/5 clones



2nd step: 11 positives/14 clones

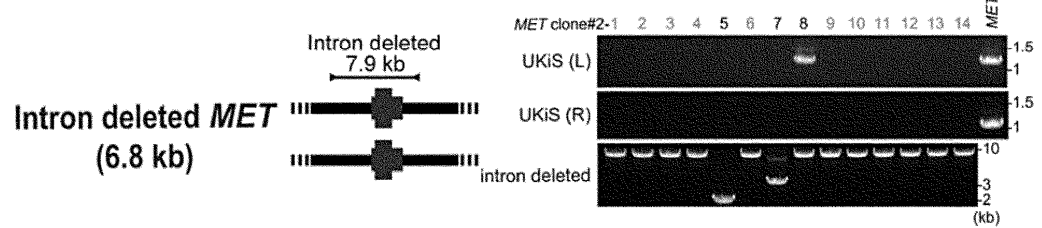


FIG. 13

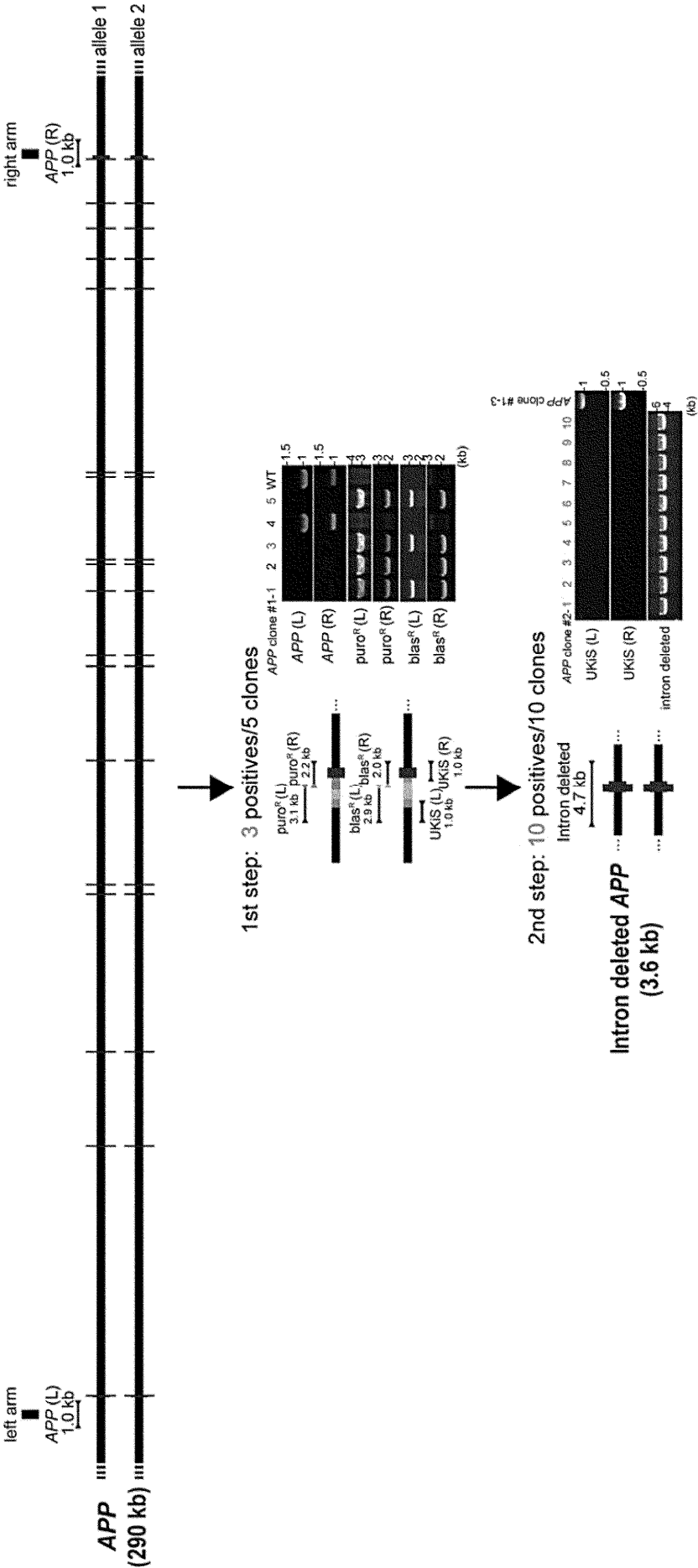


FIG. 14A

Using two types of gRNAs

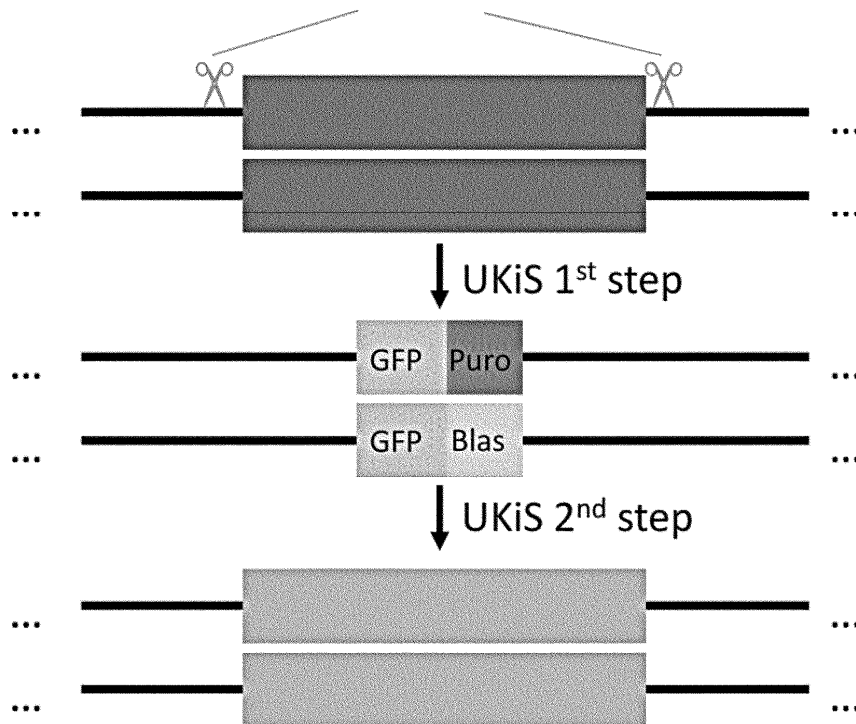


FIG. 14B

Using one type of gRNA

