



Supplementary Figure 2. Southern blots of genomic DNA from embryonic stem cell clones. Each clone was digested with *Bam*HI and hybridized using the 3' probe results in a 11.1 kb fragment for the wild type allele and a 7.8 kb band for the targeted allele (top panel). Positive clones were digested with *Bam*HI and hybridized using the 5' Southern blot probe (bottom panel). Wild type and targeted alleles result in 10.5 kb and 9.2 kb fragments, respectively. Six ES clones were correctly targeted (*).