



**Supplemental Figure B.** Mapping regions of non-repetitive DNA on ectopically marked MCs. Genomic DNA from a clone marked at 177 bp repeat was digested to completion with *Apal* then digested with 0, 0.08, 0.4, or 2 units of the 4-cutter *MspI*. Hybridisation of PFGE separated DNAs to either *GFP* and *Hyg<sup>r</sup>* probes or pGEM probe is shown. Double stars indicate DNA uncut by *MspI*. The extent of the 177 bp repeat region in the clone is also shown in the maps (see Fig. 2C for mapping of the repeats in this MC). There is cross-hybridisation of the probes to sequences in the parental PTP cell line – particularly pGEM which is present in PTP cells.