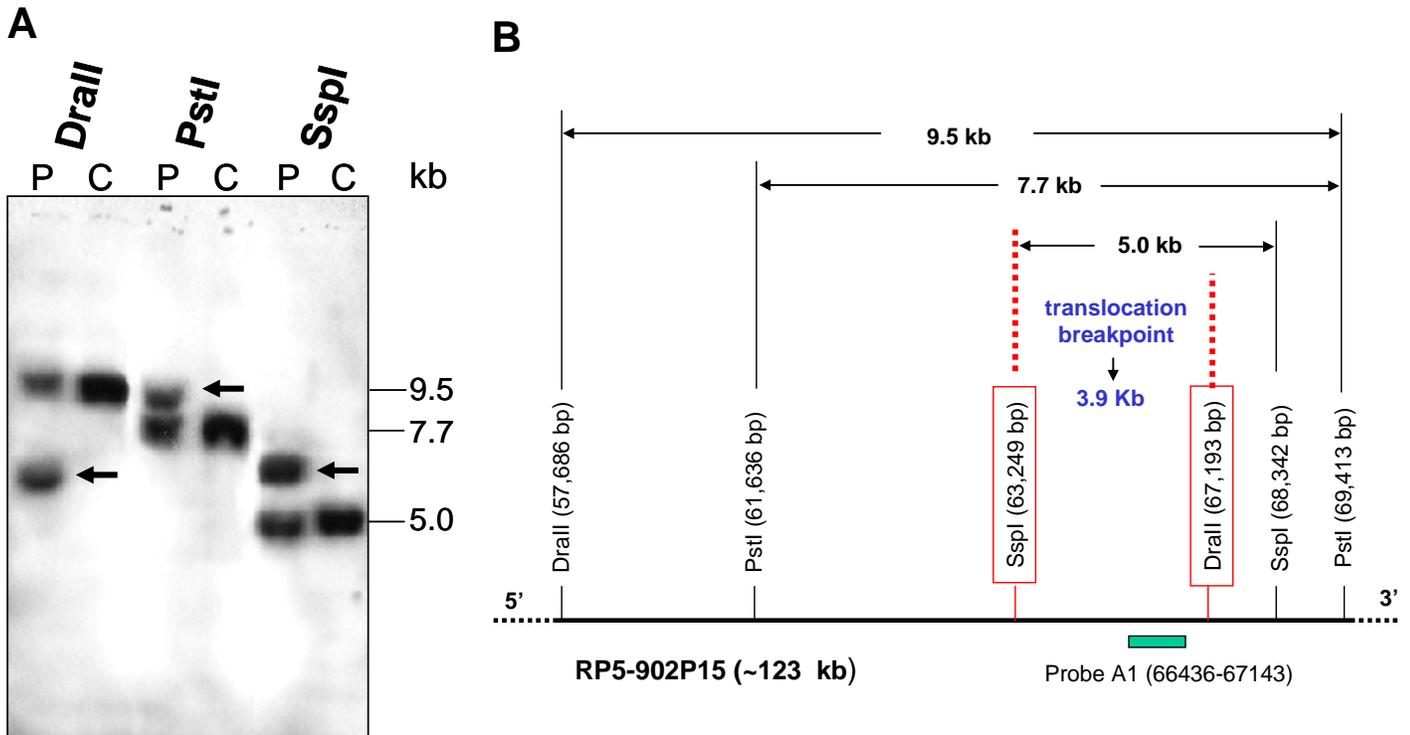


Figure S3. Southern blot analysis of 1p31.3 breakpoint in DGAP089



***NFIA* is disrupted in DGAP089 and the breakpoint lies within intron 7. (A)** Southern blot analysis of DGAP089 (P) and normal control (C) genomic DNA using the designated restriction enzymes and the probe A1 shown in panel **B**. Aberrant bands (arrows in **A**) are present in DGAP089 DNA digested with *Drall*, *PstI* and *SspI*. **(B)** Restriction map surrounding the *NFIA* intron 7 region. The base pair position of BAC RP5-902P15 (AL096888, within intron 7 of *NFIA*, see BAC contig in Fig. 1I) was used to calculate the distance between restriction enzyme sites. BAC RP5-902P15 was used in FISH and contains the breakpoint, which is between boxed *SspI* and *Drall* sites based on the aberrant bands detected by Southern blot analysis.