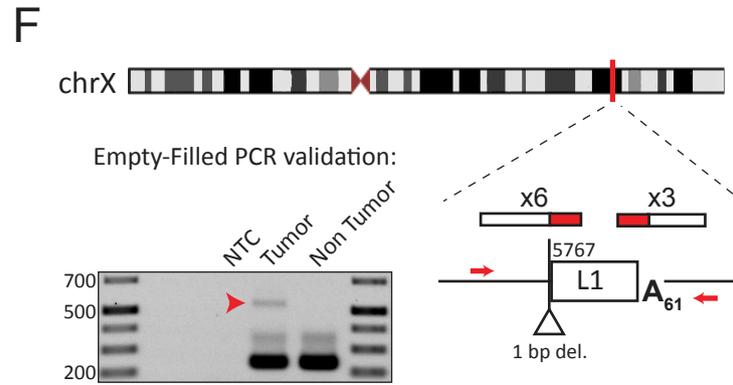
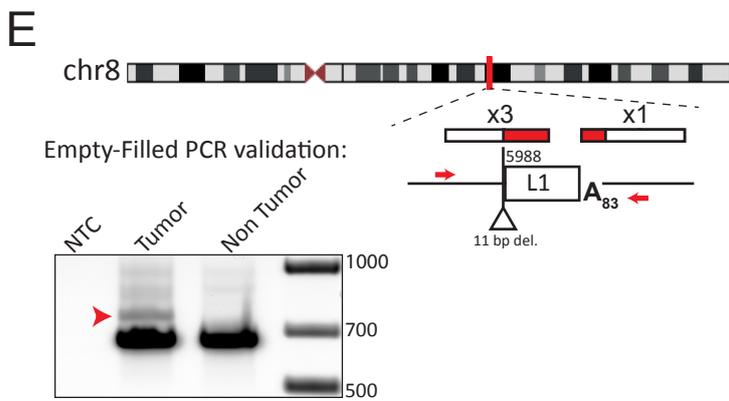
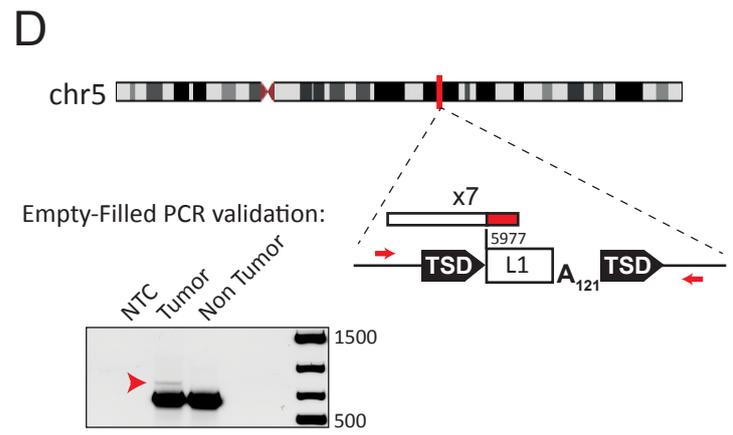
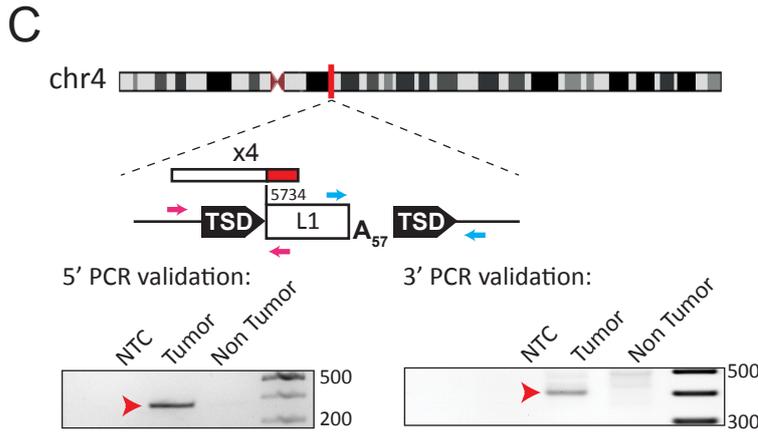
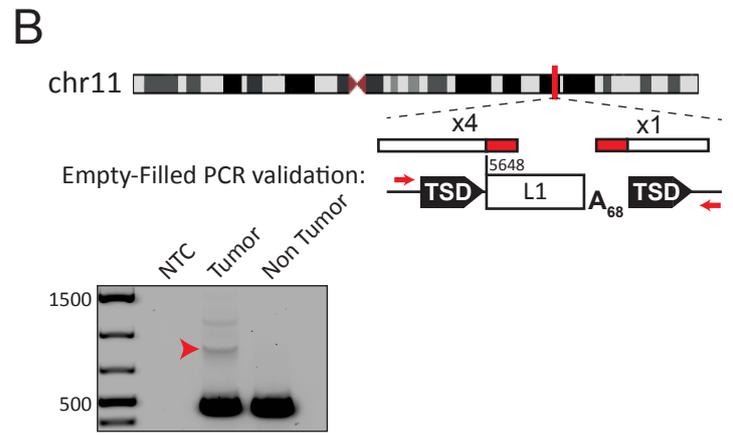
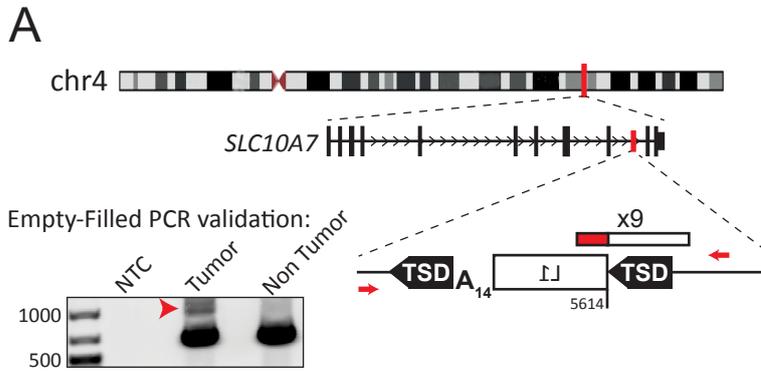


# Supplemental Figure S4



### **Supplemental Figure S4. Additional tumor-specific L1 insertions in HCC and ICC patients.**

For each insertion, the chromosomal location and orientation relative to the interrupted gene, if applicable, are shown. L1 insertions are depicted as white rectangles; the truncation point of each insertion is indicated. Target-site duplications (TSDs) are shown as black arrows; deletions of genomic DNA are shown as white triangles. Poly(A) tail length is indicated. The location and count of junction-spanning RC-seq and WGS reads supporting each insertion are depicted as red and white rectangles. The positions of PCR validation primers are shown as small arrows. Where empty-filled validation was successful, primers are indicated in red. Where junction PCRs were employed, primers are depicted in pink (5' junction) and blue (3' junction). Agarose gels containing the empty/filled or 5' and 3' junction validation products are shown. Templates are indicated above. Red arrows indicate the validating band.

**(A-E)** 5' truncated L1 insertions in HCC patient tumors.

**(F)** A 5' truncated L1 insertion found in an ICC patient tumor.