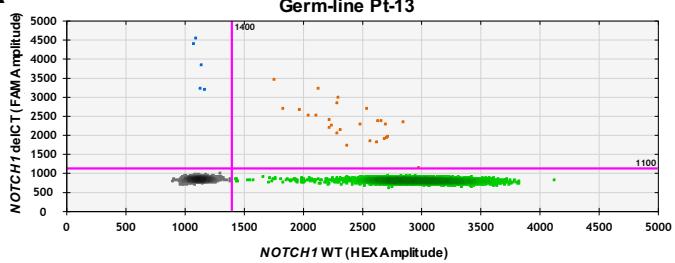
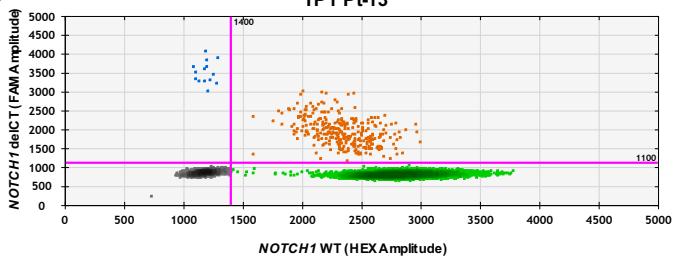
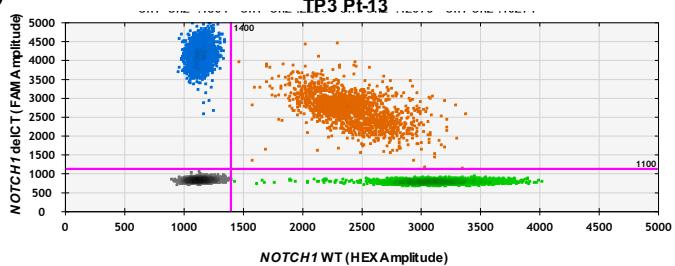
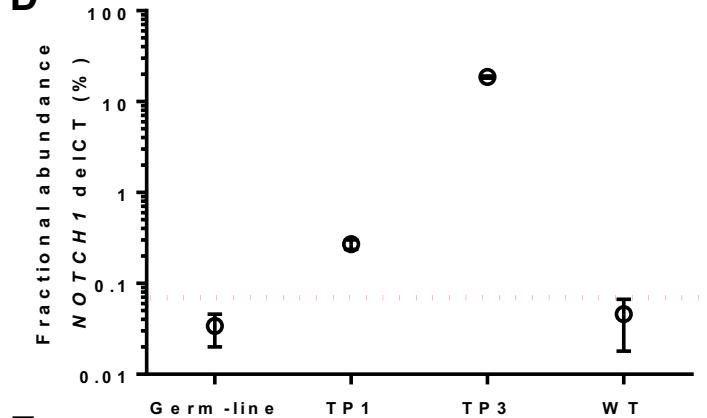


A**B****C****D****E**

Sample	NOTCH1 delCT droplets	NOTCH1 WT droplets	Fractional abundance NOTCH1 delCT (mean±95%CI)
Germ-line Pt-13	31	44312	0.034% (0.022-0.046)
TP1 Pt-13	323	48105	0.237% (0.24-0.30)
TP3 Pt-13	6771	23834	18.68% (18.26-19.09)
WT NOTCH1	18	26813	0.046% (0.024-0.067)

Supplemental Figure 1: Droplet-digital PCR analysis of the NOTCH1 delCT mutation in Patient-13 (5 x 50 ng of gDNA template/PCR). (A-C) X/Y-scattergraph of mutant positive (blue), mutant-wildtype double-positive (orange), wildtype positive (green) and negative droplets (black). Pink lines are user-defined thresholds for each droplet cluster (D) Fractional abundance of mutant droplets in Germ-line, tumour TP1 and TP3 gDNA template from Patient-13 and a NGS NOTCH1 wildtype CLL control sample (E) Table displaying the droplet number for each sample in D and fractional abundance estimates (with 95% Confidence Intervals).