

# Supporting Information

Ma et al. 10.1073/pnas.1221099110

**Fig. S1.** Plots for regions affected by copy number variation. Normalized log R ratio in tumor, normalized log R ratio in normal,  $\log(\text{tumor}/\text{normal } R)$  and complete genomics tumor/normal normalized coverage with smoothing are plotted (*Upper Left, Upper Right, Lower Left, Lower Right*, respectively).

[Fig. S1](#)

**Fig. S2.** Schema for selection and annotation of high-confidence somatic SNVs.

[Fig. S2](#)

**Table S1.** Whole-genome sequencing-coverage summary

[Table S1](#)

**Table S2.** SNP-genotype concordance between whole-genome sequencing and genotyping array

[Table S2](#)

**Table S3.** Details of translocations

[Table S3](#)

**Table S4.** Copy number variation (A) and loss of heterozygosity events (B)

[Table S4](#)

**Table S5.** Genes affected by rare, damaging germ-line mutations (excluding missense)

[Table S5](#)

**Table S6.** Somatic mutation rates

[Table S6](#)

**Table S7.** Details of genes affected by somatic SNVs (A) and details of genes affected by loss of heterozygosity and copy number variation (B)

[Table S7](#)

**Table S8.** Details of SNVs that are identical in twin pairs

[Table S8](#)