SUPPLEMENTARY APPENDIX

False-negative rates for MYC fluorescence in situ hybridization probes in B-cell neoplasms

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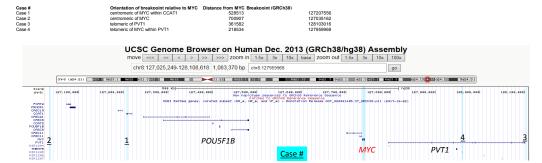
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Supplemental Data
MYC FISH laboratory reference ranges are as follows:

INTC 7-101 labol aboy federatical railges are as subject. 97% of 100 tumor nuclei; abnormal cutoff for MYC/IGH D-FISH probe set: ≥5% of 100 tumor nuclei are proposed at 27% of 100 tumor nuclei. 25% of 200 interphase cells, abnormal cutoff for MYC/IGH D-FISH probe set: ≥5% of 100 tumor nuclei. 25% of 200 interphase cells. 100 tumor nuclei are proposed at 25% of 200 inte

Mate pair sequencing supplemental information:

DNA was processed using Illumina Nextera Mate Pair library preparation kit (Illumina, San Diego, CA) and sequenced on the Illumina HiSeq 2500 using 101-basepair reads and paired-end sequencing. Data was aligned to the reference genome (GRCh38) using BIMAv3, and abnormalities were identified and visualized using SVAtools and Ingenium, both in-house developed bioinformatics tools (12, 13).



MYC footprint (NM 002467) chr8:127736069-127741434

Legend: Visualization of the genomic breakpoints near the MYC gene. The breakpoints (in GRCh38) near the MYC gene of each of the four cases with mate pair data are indicated. Breakpoints for each case are visualized in the UCSC genome browser as a teal colored curtain. The MYC gene is also highlighted in teal.