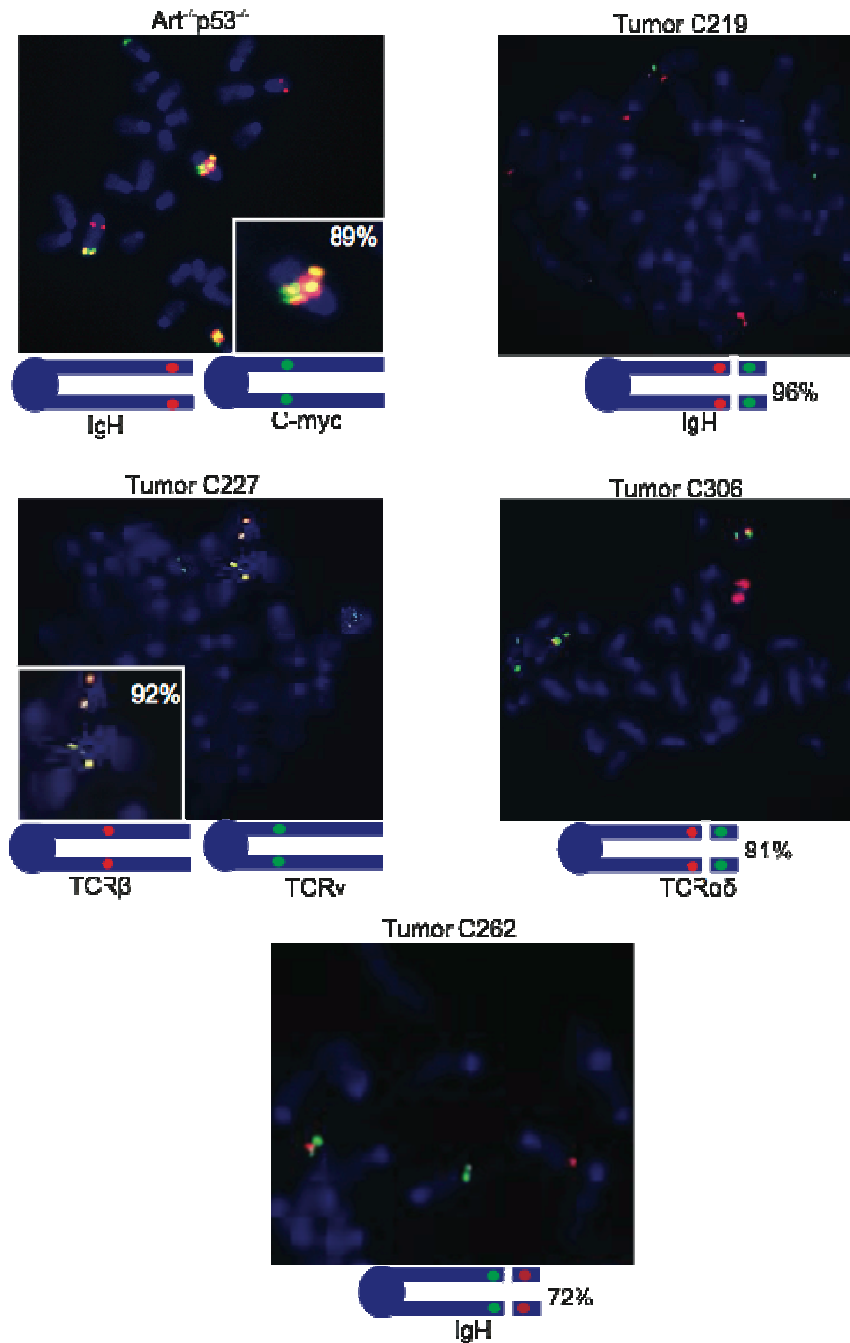


SUPPLEMENTARY METHODS

Primer sequences for PCR amplification reactions:

TCR β V5S1a	TGG TAT CAA CAG ACT CAG GGG
TCR β V5S1b	TTC TCA GTC CAA CAG TTT GAT
TCR β V5S1c	GAC TCT GCC GTG TAC TTC TGT GCC
TCR β J2a	TCT ACT CCA AAC TAC TCC AG
TCR β J2b	CCT CCA AGC GAGG AGA TGT GAA
TCR β J2c	AAA CCG TGA GCC TGG TGC CG
TCR γ V3S1a	ACC ATA CAC TGG TAC CGG CA
TCR γ V3S1b	ACC CCT ACC CAT ATT TTC TTA G
TCR γ V3S1c	ATC TAC TAC TGT TCC TAC GG
TCR γ J1/2a	TCA TCA CTG GAA TAA AGC AG
TCR γ J1/2b	GGT ACT TAC CGG AGG GAA TT
TCR γ J1/2c	TCC TTC TGC AAA TAC CTT GT
p κ Ja	GGA GAG TGC CAG AAT CTG GTT TCA G
p κ 6a	TGC ATG TCA GAG GGC ACA ACT G
p κ 6b	CTA CCA AAC TTT GCA ACA CAC AGG C
p κ 6c	ACA TGT TGC TGT GGT TGT CTG GTG
p κ 6d	GAC CAG CAT GGG CAT CAA GAT GGA GAC
p κ g	GGT ATC AAC AGA AAC CAG GGC AAT CTC C
p β a	GCA TTC ATA TCA CAC AGT GAG CAC C
p β b	GGG GTG TAC CAT AAA GGG GAA ATC A
p β c	GCA GTT AGG TTA TCA GAG GAG GGC A
p β d	TGG CCA GGT AGA GTC GGT GG
p β e	TGA GAG CTG TCT CCT ACT ATC GAT
p β f	AGA GTC GGT GGT GCA ACT GAA CCT
p β g	TGA GAA GCA GCT TCT CCG TG

SUPPLEMENTARY FIGURE



Supplementary Figure 1. FISH analyses of Art-P70/p53 tumor metaphases. Chromosomal anomalies in metaphases from primary tumors or early passage cultured tumor cells were analyzed by FISH using the indicated BAC probes. Red and green fluorescent signals, as diagramed. Art^{-/-}p53^{-/-} (C405), C219, pro-B lymphomas; C227, C306, C262, thymic lymphomas. Representative metaphase images are shown. Percentage of metaphases with the indicated anomalies is indicated. At least 20 metaphases from each tumor were analyzed.