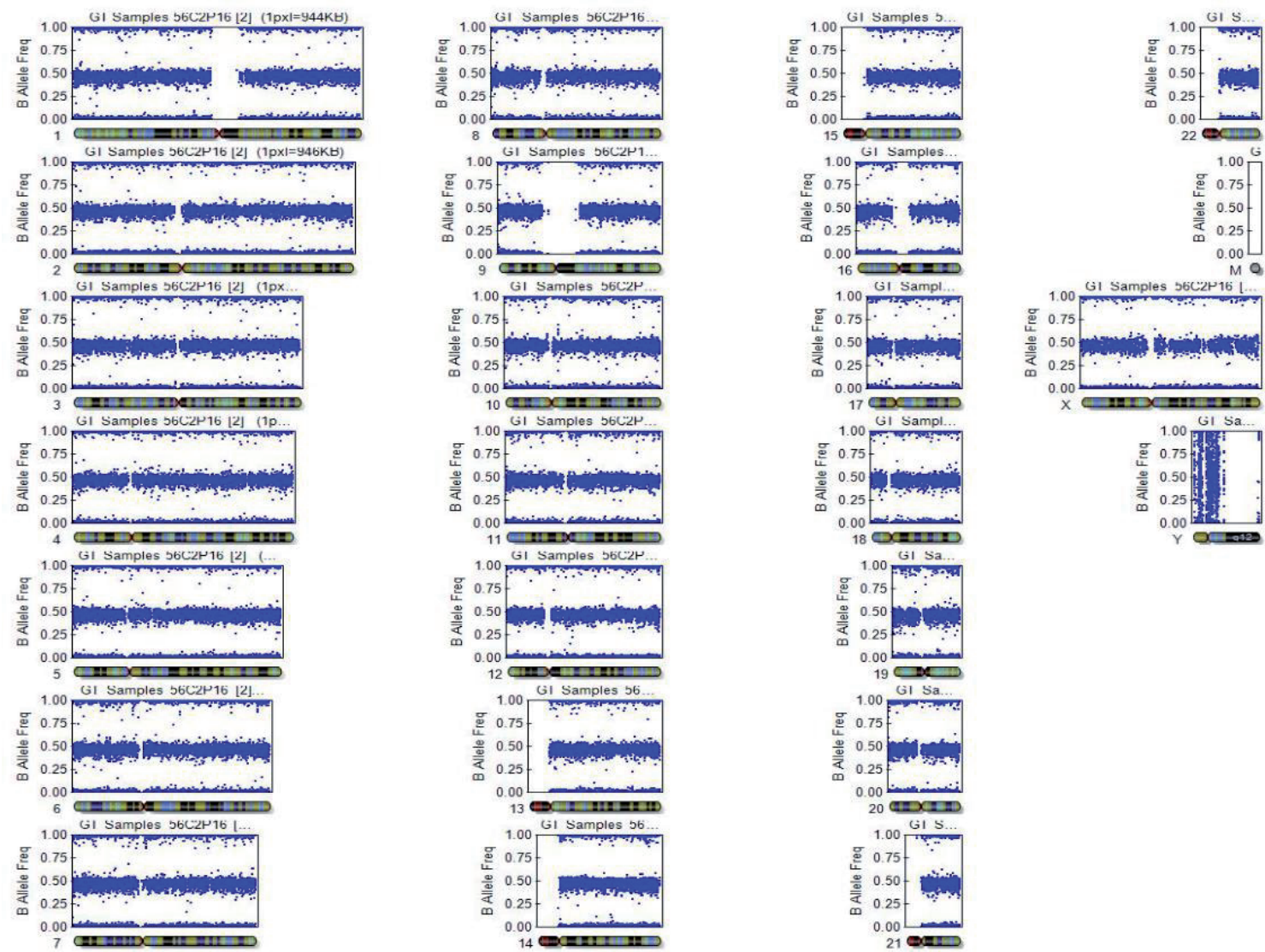


A



B

Wildtype	Chromosome 4					Chromosome 6					Chromosome 10				
	default	zone	start	end	default size	default	zone	start	end	default size	default	zone	start	end	default size
	duplication	q13.2	69.250.882	69.591.612	341 Kb	deletion	q12	66.998.589	67.072.560	74 Kb	duplication	10q11.22	47.543.322	47.703.869	160Kb
p.Glu192fs	Chromosome 4					Chromosome 6					Chromosome 10				
	similar to WT					similar to WT					similar to WT				
p.Gln3613Ter	Chromosome 4					Chromosome 6					Chromosome 10				
	similar to WT					similar to WT					similar to WT				

C

SNPs analysis	Number of clones analyzed	Number of clones conform to parental cell line
CRISPR KO edition	7	5
CRISPR base edition	3	2