

**S3. SNP retention of plasmid-based gene targeting in parental HCT116 cells.**

Ndel	EcoRI	LHP	Ncol	Asel	Sspl	SacI	RHP	Legends:		Viral	Genomic
								XbaI	SbfI	Viral	Genomic
+	+	+	+	+	+	-	-	-	-	-	-
-	+	+	+	+	+	+	-	+	+	-	-
-	+	+	+	+	+	+	-	-	+	-	-
-	+	+	+	+	+	-	-	-	-	-	-
-	+	-	-	+	+	+	-	-	-	-	-
-	-	+	+	+	+	+	+	+	+	+	+
-	-	+	+	+	+	+	+	+	+	-	-
-	-	+	+	+	+	+	-	-	-	-	-
-	-	+	+	+	+	-	+	-	-	-	-
-	-	-	+	+	+	+	+	+	+	-	-
-	-	-	-	+	+	+	+	+	+	-	-
-	-	-	-	-	+	+	+	+	-	-	-
-	-	-	-	-	+	+	+	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
1	5	10	11	15	16	13	6	7	2		
5.56%	27.78%	55.56%	61.11%	83.33%	88.89%	72.22%	33.33%	38.89%	11.11%		