

**S9. SNP retention of rAAV gene targeting colonies in *MLH1*<sup>+</sup>HCT116 cells.**

Legends:								Viral	Genomic
Ndel	EcoRI	LHP	Ncol	Asel	Sspl	Sacl	RHP	XbaI	SbfI
+	+	+	+	+	+	+	-	-	-
-	+	+	+	+	+	+	+	+	-
-	+	+	+	+	+	+	+	-	-
-	+	+	+	+	+	+	+	-	-
-	+	+	+	+	+	-	-	-	-
-	-	+	+	+	+	+	+	-	-
-	-	+	+	+	+	+	-	+	-
-	-	+	+	+	+	-	-	-	-
-	-	+	+	+	-	-	+	-	-
-	-	-	+	+	+	+	-	-	-
-	-	-	-	+	+	+	+	+	-
-	-	-	-	+	+	+	+	+	-
-	-	-	-	+	+	+	-	+	-
-	-	-	-	+	-	-	-	-	-
-	-	-	-	+	-	-	-	-	-
1	5	10	11	20	17	12	9	6	0
5.00%	25.00%	50.00%	55.00%	100.00%	85.00%	60.00%	45.00%	30.00%	0.00%