

Table S1. Integration site datasets used in this study.

SetName	Target cells	Total Aligned Sequences	Unique Sites
Male-HIV-HeLa-CBXLEDGF-Mse-AluComparison	CBX1-LEDGF 325-530	1072	816
Male-HIV-HeLa-CBXLEDGF-Tsp-AluComparison	CBX1-LEDGF 325-530	528	404
Male-HIV-HeLa-CBXLEDGFmut-Mse-AluComparison	CBX1-LEDGF 325-530 D366N	1858	1329
Male-HIV-HeLa-CBXLEDGFmut-Tsp-AluComparison	CBX1-LEDGF 325-530 D366N	1903	1359
Male-HIV-HeLa-LEDGFbc-Mse-AluComparison	LEDGF BC	1893	1364
Male-HIV-HeLa-LEDGFbc-Tsp-AluComparison	LEDGF BC	1554	866
Male-HIV-HeLa-LEDGFkd-Mse-AluComparison	LEDGF KD	1517	365
Male-HIV-HeLa-LEDGFkd-Tsp-AluComparison	LEDGF KD	1511	1194
Male-HIV-HeLa-WT-Mse-AluComparison	WT LEDGF	1311	1098
Male-HIV-HeLa-WT-Tsp-AluComparison	WT LEDGF	1684	1375