

Table S3. Orientation Bias for Genic Integrations On-ART^a.

Chromosome	Gene name ^b	Unique integrations with the gene (CHER) ^c	Unique integrations against the gene (CHER) ^c	Unique integrations with the gene (<i>ex vivo</i>) ^c	Unique integrations against the gene (<i>ex vivo</i>) ^c	p-value ^d
<i>chr17</i>	<i>STAT5B</i>	31	6	284	278	6.2E-05
<i>chr6</i>	<i>BACH2</i>	12	4	60	72	0.034

^a Data shown only for integrations into genes for which at least 15 unique integrations were detected in vivo and at least 1 unique integration ex vivo

^b Genic coordinates mapped to hg19

^c “With” gene and “Against” gene defined as orientation of integrated provirus compared with the sense of the host gene it’s integrated into

^d p-Value determined by Fisher Test – no post-hoc adjustments performed