

# ***HIV-1 cellular and tissue replication patterns in infected humanized mice***

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## **Supplementary Information**

Supplementary Table 1. Oligonucleotide primers and probes

<b>Assay</b>	<b>Genomic region</b>	<b>Type (a)</b>	<b>Sequence (5' – 3')</b>
Viral DNA usRNA	<i>gag</i>	Sense <sup>1-2</sup>	TCAGCCCAGAAGTAATACCCATGT
		Antisense <sup>1</sup>	TGCTATGTCAGTCCCCTTGGTTCTCT
		Antisense <sup>2</sup>	CACTGTGTTTAGCATGGTGTTT
		Probe	FAM-ATTATCAGAAGGAGCCACCCCACAAGA-TAMRA
Integrated DNA	<i>alu</i> <i>gag</i>	Sense	GCCTCCCAAAGTGCTGGGATTACA
		Antisense	GTCCTGC TATGTCACTCC
msRNA	<i>tat/rev</i>	Sense <sup>1</sup>	CTTAGGCATCTCCTATGGCAGGAA
		Antisense <sup>1-2</sup>	GGATCTGTCTCTGTCTCTCTCCACC
		Sense <sup>2</sup>	ACAGTCAGACTCATCAAGTTTCTCTATCAAAGCA
		Probe	FAM-TTCCTTCGGGCCTGTCTGGGTCCC-TAMRA

(a) 1, used for first PCR; 2, for second (real time) PCR

Supplementary Table 2. Plasma Viral Load (PVL) of HIV-1 infected humanized mice

<b>Weeks p.i.</b>	<b>Animal ID</b>	<b>PVL (mL)</b>	<b>copies/mL</b>	<b>CD4 T cell (%)</b>
5	219	230000	2.30E+05	20.90
5	221	9150	9.15E+03	17.10
5	222	1000	1.00E+03	36.70
5	2042	286696	2.87E+05	62.00
5	2045	1411	1.41E+03	67.40
5	2047	1271455	1.27E+06	69.00
5	2048	7635	7.64E+03	83.00
5	2049	1043000	1.04E+06	80.10
5	2050	38587	3.86E+04	65.80
5	842+	18900	1.89E+04	73.90
5	844+	2050000	2.05E+06	26.30
11	2226	13650	1.37E+04	37.20
11	2228	16475	1.65E+04	73.30
11	2205	2230000	2.23E+06	24.30
11	2214	1722500	1.72E+06	21.40
11	2215	1715000	1.72E+06	17.40
11	2216	70250	7.03E+04	53.10
11	2221	967500	9.68E+05	3.16
11	2234	1392500	1.39E+06	37.70
11	2236	562500	5.63E+05	22.60
11	2237	226500	2.27E+05	8.41
11	2244	5050000	5.05E+06	52.10
11	2245	1105000	1.11E+06	13.90
14	1924	377000	3.77E+05	18.10
14	1931	770000	7.70E+05	29.50
14	1932	955000	9.55E+05	23.60
14	1933	367000	3.67E+05	74.40