

Supplementary Table 1: Mutations introduced into HERV-K113 to generate oriHERV-K113. Nucleotides are numbered according to the sequence in GenBank AY037928. Amino acid numbering of Gag, Env and Rec starts with the initiation codon of the proteins.

no.	gene	nucleotide	amino acid
1	gag	C1551T	A147V
2		A1622G	M171V
3		A1773G	Q221R
4		T1974C	L288P
5		G2659C	M516I
6	pro	C3404T	T to I
7		A3613G	S to G
8		T3752C	V to A
9	pol	C4433A	D to E
10		T4741C	V to A
11		A4812G	T to A
12		G4891A	R to Q
13		T4924C	I to T
14		T5320C	L to P
15		C6214T	P to L
16		G6425A	M to I
17	env	A6823G	I125V
18		T6868C	C140R
19		C7234A	L262I
20		G7417C	A323P
21		T7968A	N506K
22		T8179C	C577R
23		A8326C	T626P
24	env / rec	A8414G	Y655C / T89A
25	rec	C8437A	D96E
26	3'LTR	T8588C	
27		A8799G	
28		T9133C	