



Figure S2: Analysis of viral sequences from SFV-infected human LOBAK2.

Uncultured PBMCs and saliva samples from LOBAK2 hunter accidentally infected by a *Gorilla gorilla* SFV strain were analyzed for the presence of SFV sequences. A total of 18 and 20 different PCR-derived clones are depicted for saliva (red) and PBMCs (blue) samples respectively. Their consensus sequences (PBMC-cons1, SALIVA-cons and PBMC-cons2 respectively) are also depicted. The 8 reference SFV sequences available in GenBank from gorillas of the *Gorilla gorilla* species are aligned (green). 4 G-to-A mutations found in a GG dinucleotide context and absent in the gorillas sequences are highlighted in blue and 4 other mutations between PBMCs and saliva clones also present in some gorillas sequences were highlighted in grey. Sequences are aligned to the consensus sequence of PBMC samples, which served as a reference due to its high similarity with the gorillas strains. The 425bp-fragment of the *pol-in* sequence is shown. Due to the low SFV viral load, LOBAK2 clones of each cluster might derive from one to few *in vivo* SFV copies.

		180	200	220	240	260	280	300	320
SFV clones	LOBAK2 PBMC-cons1	TGGTAGAGAAAGCTACTCTTTAAAAATTGCTAACCTATTTGGTGGCTAATATGAGGAAGGGATGTGGTTAACACGCTGGGACGCTGTCA	G						320
	LOBAK2 PBMC cl12	.....A.....							320
	LOBAK2 PBMC cl14	.....							320
	LOBAK2 PBMC cl18	.....							320
	LOBAK2 PBMC cl19	.....							320
	LOBAK2 PBMC cl20	.....							320
LOBAK2 PBMC	LOBAK2 PBMC cl4	A							320
	LOBAK2 PBMC cl5			G					320
	LOBAK2 PBMC cl6								320
	LOBAK2 PBMC cl7								320
	LOBAK2 PBMC cl8								320
	LOBAK2 PBMC cl9						G		320
SFV clones	LOBAK2 saliva-cons								320
	LOBAK2 SALIVA cl1	.....G.....	C						320
	LOBAK2 SALIVA cl11	.....							320
	LOBAK2 SALIVA cl12	.....							320
	LOBAK2 SALIVA cl13	.....							319
	LOBAK2 SALIVA cl15	.....G.....							320
	LOBAK2 SALIVA cl16	.....	C						320
	LOBAK2 SALIVA cl17	.....						G	320
	LOBAK2 SALIVA cl19	.....							319
LOBAK2 SALIVA	LOBAK2 SALIVA cl2				A				320
	LOBAK2 SALIVA cl20	.....G.....	G						320
	LOBAK2 SALIVA cl3	.....G.....							320
	LOBAK2 SALIVA cl4	.....							320
	LOBAK2 SALIVA cl6	.....					G		320
	LOBAK2 SALIVA cl7	.....					G		320
	LOBAK2 SALIVA cl8	.....	C						320
	LOBAK2 SALIVA cl9	.....							319
SFV clones	LOBAK2 PBMC-cons2	.....A.....	A	A	A	A			320
	LOBAK2 PBMC cl1	.....A.....	A	A	A	A			320
	LOBAK2 PBMC cl11	.....A.....	A	A	A	A			320
	LOBAK2 PBMC cl10	.....A.....	A	A	A	A			320
	LOBAK2 PBMC cl13	.....A.....	A	A	A	A			320
LOBAK2 PBMC	LOBAK2 PBMC cl15	.....A.....	A	A	A	G			320
	LOBAK2 PBMC cl16	.....A.....	A	G	A				320
	LOBAK2 PBMC cl17	.....		G	A				320
	LOBAK2 PBMC cl2	.....		G	A				320
	LOBAK2 PBMC cl3	.....	-	A	A		C		319
SFV gorilla	SFVggo(BANGA)	.....C.....							320
	SFVggo(BINTA)	.....					T	C	320
	SFVggo(CAM7)	.....					T	C	320
	SFVggo(GORGABCOL)	C.....G.....C			A	A	A	T	C
	SFVggo(GORGABOMO)	C.....G.....C			A	A	A	T	C
	SFVggo(KOOB)	.....			A	A	A	T	C
	SFVggo(KUCHI)	.....C.....			G	A	A	C	320
	SFVggo(LP5)	.....G.....TC					A	T	C

	340	360	380	400	420		
SFV clones	CCTTTTGATAAAATTTCATGGATTATATTGGACCTTGGCACCCCTAACGGATAATTGCATGTTCTTGAGTTGATAGTATGACTGGGTTCACATGGTTA					- 425	
LOBAK2 PBMC-cons1	.	.	.	.	.	- 425
LOBAK2 PBMC cl12	.	.	.	.	.	- 425
LOBAK2 PBMC cl14	.	.	.	.	.	- 425
LOBAK2 PBMC cl18	.	C.	.	C.	.	- 425	
LOBAK2 PBMC cl19	.	.	.	.	.	- 425
LOBAK2 PBMC cl20	.	.	.	.	.	- 425
LOBAK2 PBMC	LOBAK2 PBMC cl4	.	.	.	.	- 425
	LOBAK2 PBMC cl5	.	C.	.	C.	- 425	
	LOBAK2 PBMC cl6	.	.	.	.	- 425
	LOBAK2 PBMC cl7	.	.	T.	.	T 426	
	LOBAK2 PBMC cl8	.	.	.	.	- 425
	LOBAK2 PBMC cl9	.	T.	.	.	- 425	
SFV clones	LOBAK2 saliva-cons	.	.	.	.	- 425
	LOBAK2 SALIVA cl1	.	.	.	.	- 425
	LOBAK2 SALIVA cl11	.	.	.	.	- 425
	LOBAK2 SALIVA cl12	.	.	.	.	- 425
	LOBAK2 SALIVA cl13	.	.	.	.	- 425
	LOBAK2 SALIVA cl15	.	.	.	.	- 425
	LOBAK2 SALIVA cl16	.	.	.	.	- 425
	LOBAK2 SALIVA cl17	.	.	.	.	- 425
LOBAK2 SALIVA	LOBAK2 SALIVA cl19	.	.	.	.	- 425
	LOBAK2 SALIVA cl2	.	G.	.	.	- 425	
	LOBAK2 SALIVA cl20	.	.	.	.	- 425
	LOBAK2 SALIVA cl3	.	.	.	.	- 425
	LOBAK2 SALIVA cl4	.	.	.	.	- 425
	LOBAK2 SALIVA cl6	.	.	.	.	- 425
	LOBAK2 SALIVA cl7	.	.	.	.	- 425
	LOBAK2 SALIVA cl8	.	.	.	.	- 425
	LOBAK2 SALIVA cl9	.	.	.	.	- 424
SFV clones	LOBAK2 PBMC-cons2	.	A.	.	A.	- 425	
	LOBAK2 PBMC cl1	.	A.	.	A.	- 425	
	LOBAK2 PBMC cl11	.	A.	.	A.	- 425	
	LOBAK2 PBMC cl10	.	A.	.	A.	- 425	
	LOBAK2 PBMC cl13	.	A.	.	A.	- 425	
LOBAK2 PBMC	LOBAK2 PBMC cl15	.	A.	.	A.	- 425	
	LOBAK2 PBMC cl16	.	A.	.	A.	- 425	
	LOBAK2 PBMC cl17	.	A.	.	A.	- 425	
	LOBAK2 PBMC cl2	.	A.	.	A.	- 425	
	LOBAK2 PBMC cl3	.	A.	.	A.	T 425	
SFV gorilla	SFVggo(BANGA)	.	A.	T.	.	C.	- 425
	SFVggo(BINTA)	.	.	T.	A.	C.	- 425
	SFVggo(CAM7)	.	.	T.	A.	C.	- 425
	SFVggo(GORGABCOL)	.	.	T.	.	C.	- 425
	SFVggo(GORGABOMO)	.	.	T.	.	C.	- 425
	SFVggo(KOOB)	.	.	T.	A.	C.	- 425
	SFVggo(KUCHI)	.	A.	T.	.	C.	- 425
	SFVggo(LP5)	- 425