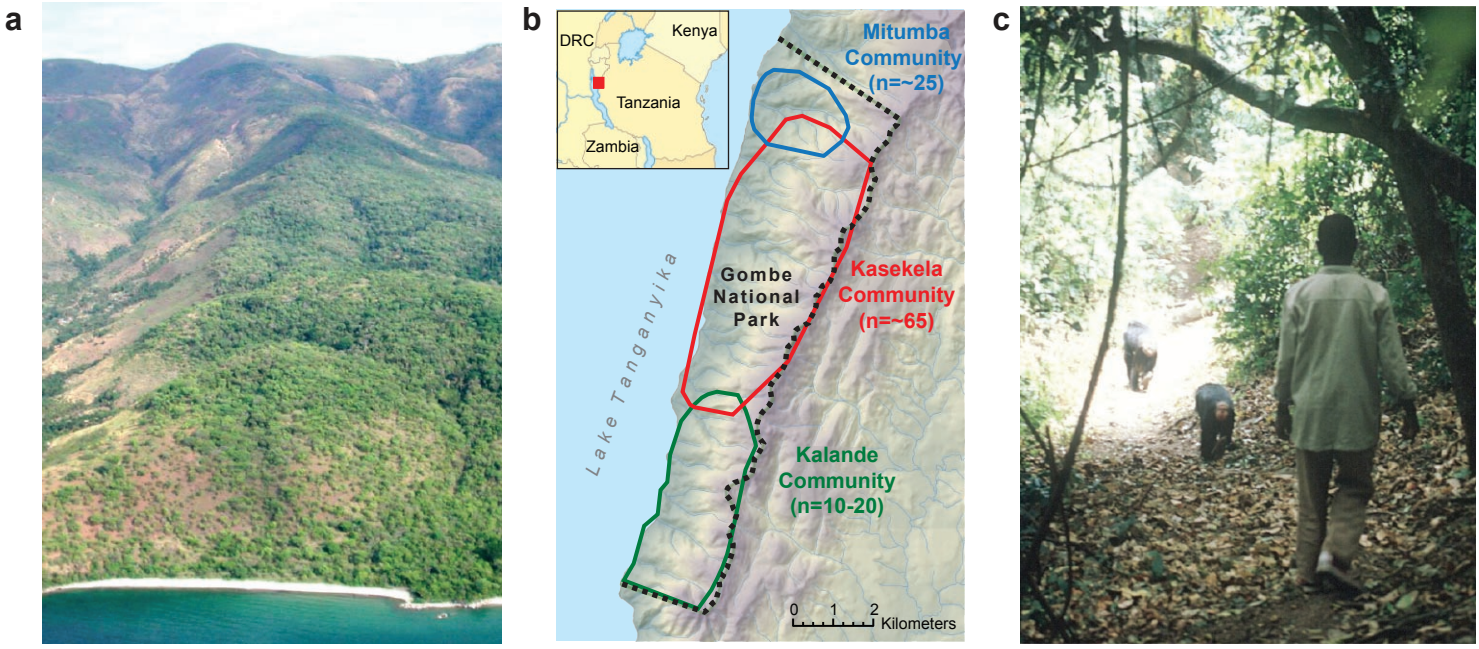
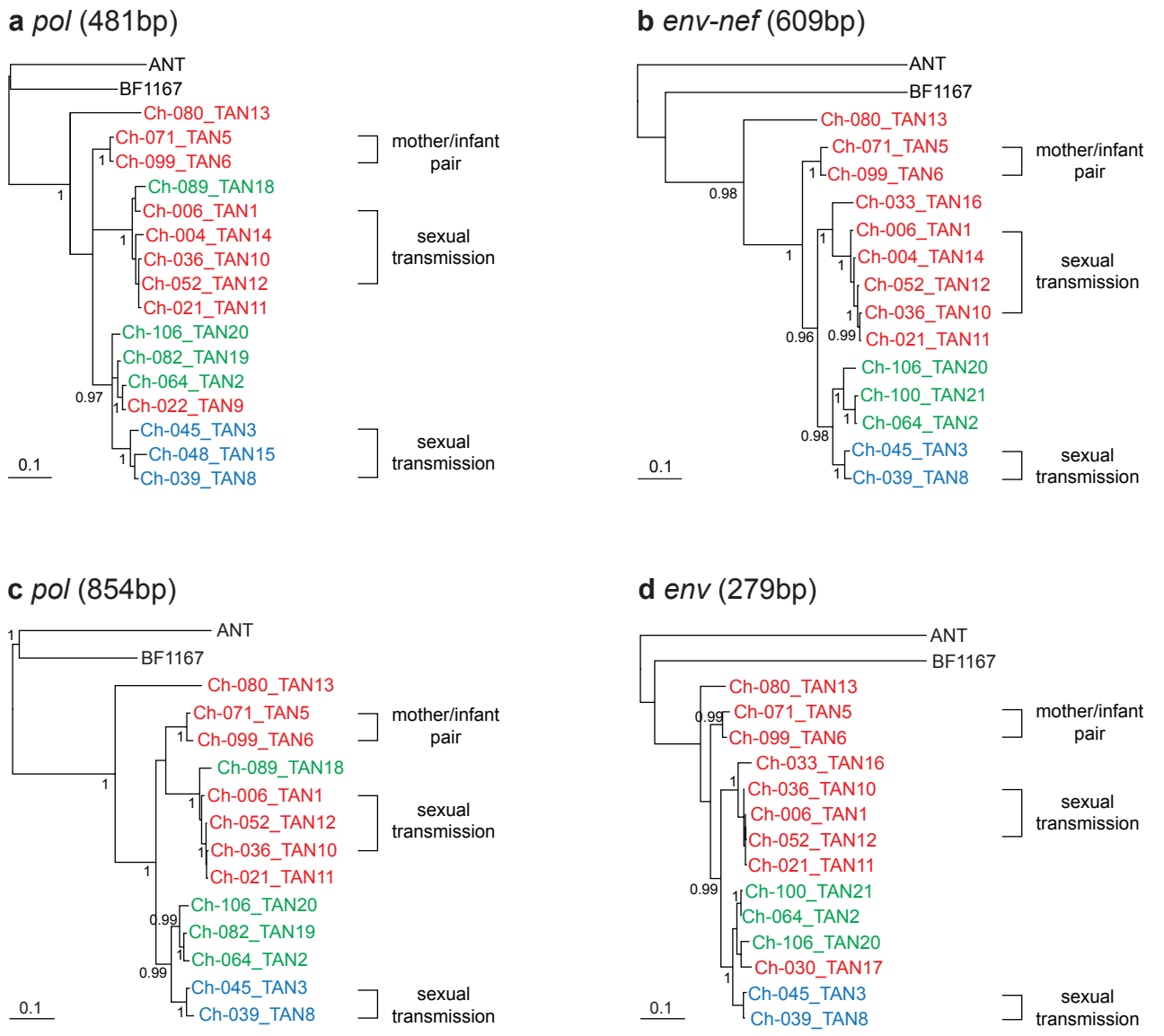
SUPPLEMENTARY INFORMATION

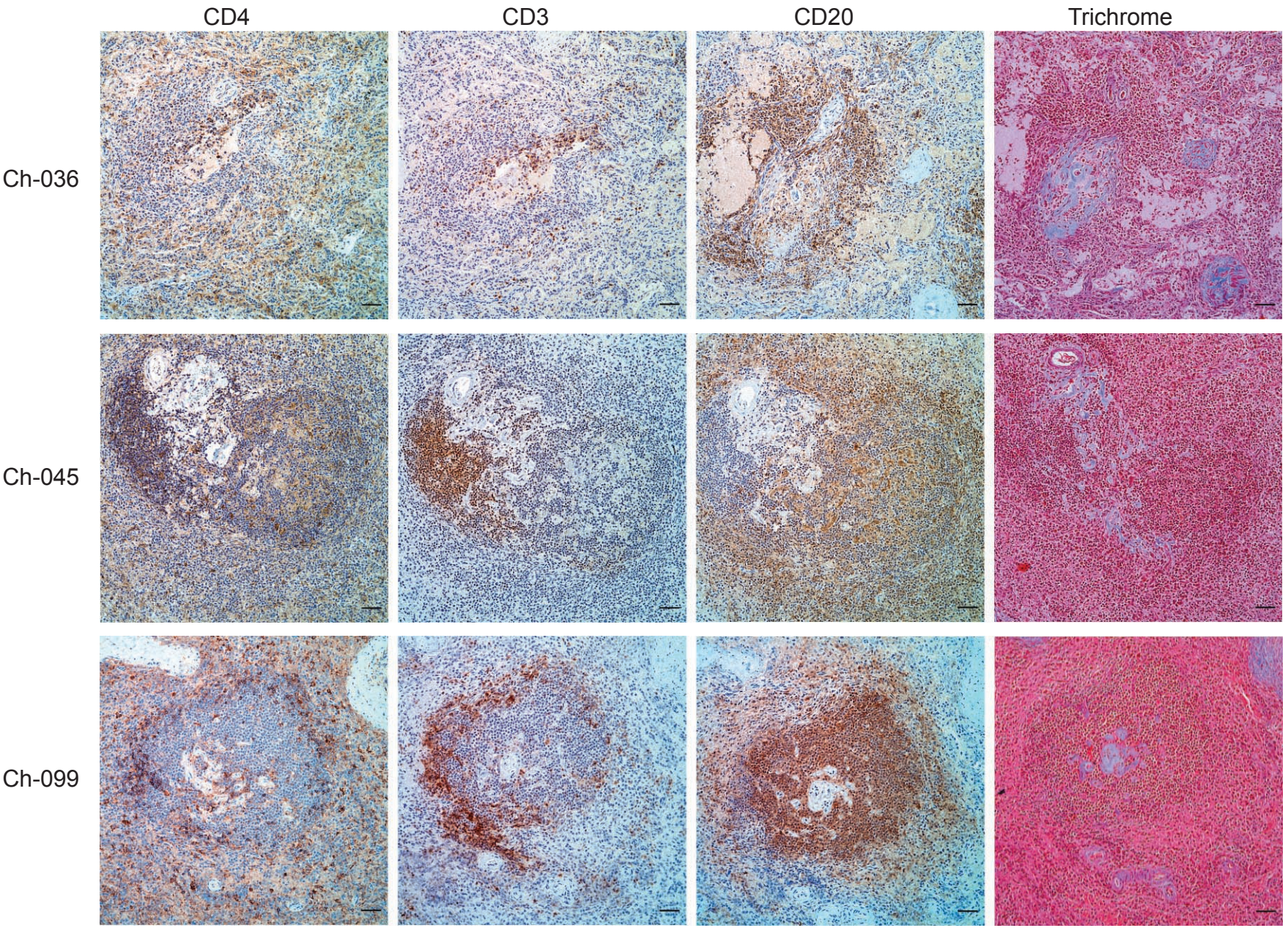


Supplementary Figure 1. Studies of wild chimpanzees in Gombe National Park. **a**, Aerial view of the northern border of the park from Lake Tanganyika depicting extensive deforestation outside the protected area (photograph courtesy of John MacLachlan, The Jane Goodall Institute). **b**, Approximate ranges of the northern Mitumba (blue), the central Kasekela (red), and the southern Kalande (green) communities in relation to park boundaries (black); the inset depicts the location of Gombe National Park (red square) within Tanzania (map courtesy of Lilian Pintea, The Jane Goodall Institute). **c**, Daily observation of habituated chimpanzees in Gombe (photograph courtesy of Magdalena Lukasik, The Jane Goodall Institute).

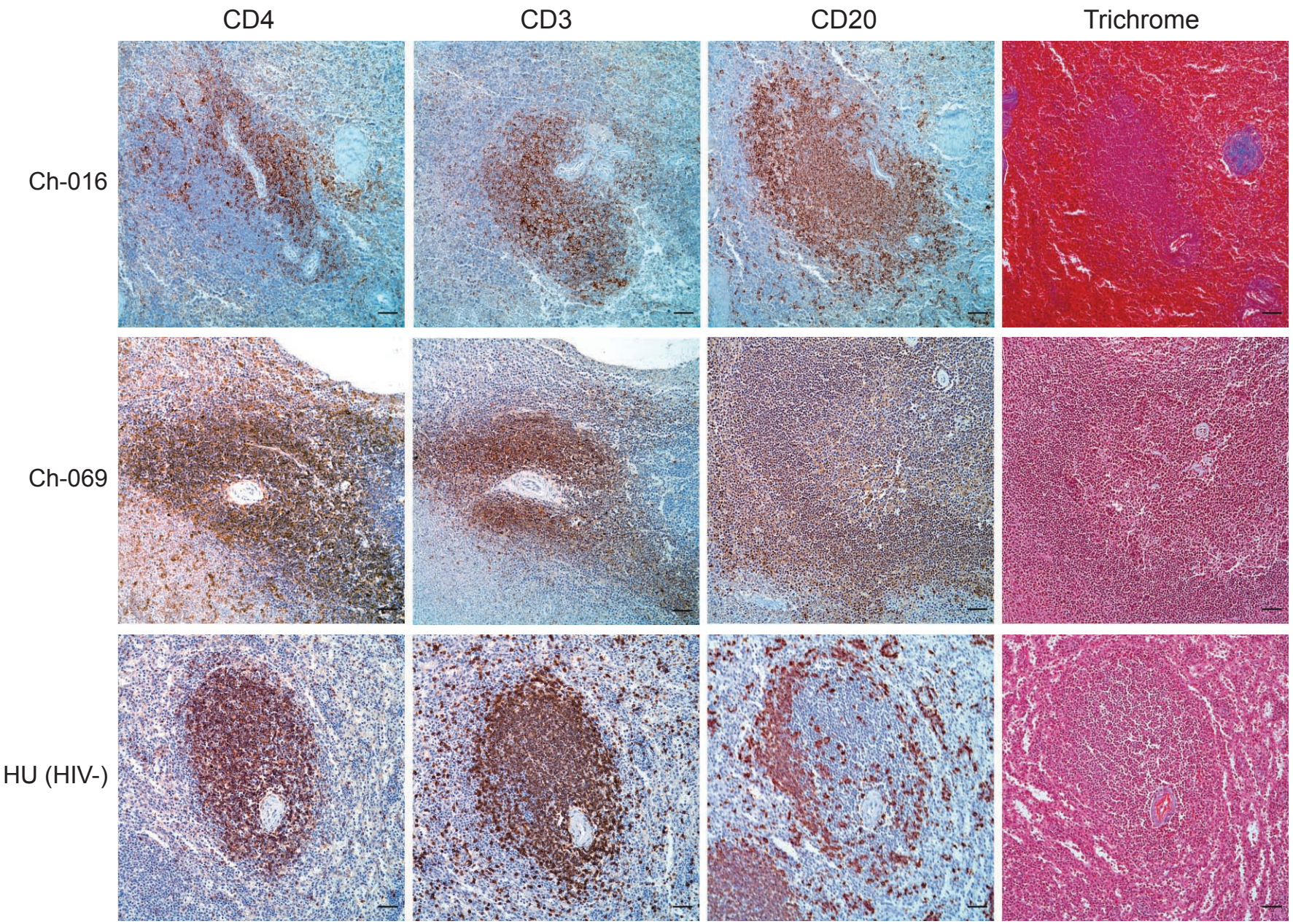


Supplementary Figure 2. Phylogeny of SIVcpz in Gombe. a-d, Evolutionary trees were constructed from (**a**) 481-bp *pol*, (**b**) 609-bp *env-nef*, (**c**) 854-bp *pol* and (**d**) 279-bp *env* (gp41 region) sequences, using SIVcpz*Pts* strains from the Democratic Republic of Congo (ANT and BF1167) as outgroups. Viruses infecting members of the Mitumba, Kasekela and Kalande communities are shown in blue, red and green, respectively (GenBank accession numbers are provided in Supplementary Table 1). Trees were inferred by Bayesian[28] (**a**, **b**) and maximum likelihood[34] (**c,d**) methods; numbers on nodes are posterior probabilities (only values above 0.95 are shown). The scale bar represents 0.1 substitutions per site. Brackets indicate suspected sexual and vertical transmission clusters (note that Ch-021 was most likely infected through aggression; Supplementary Table 2).

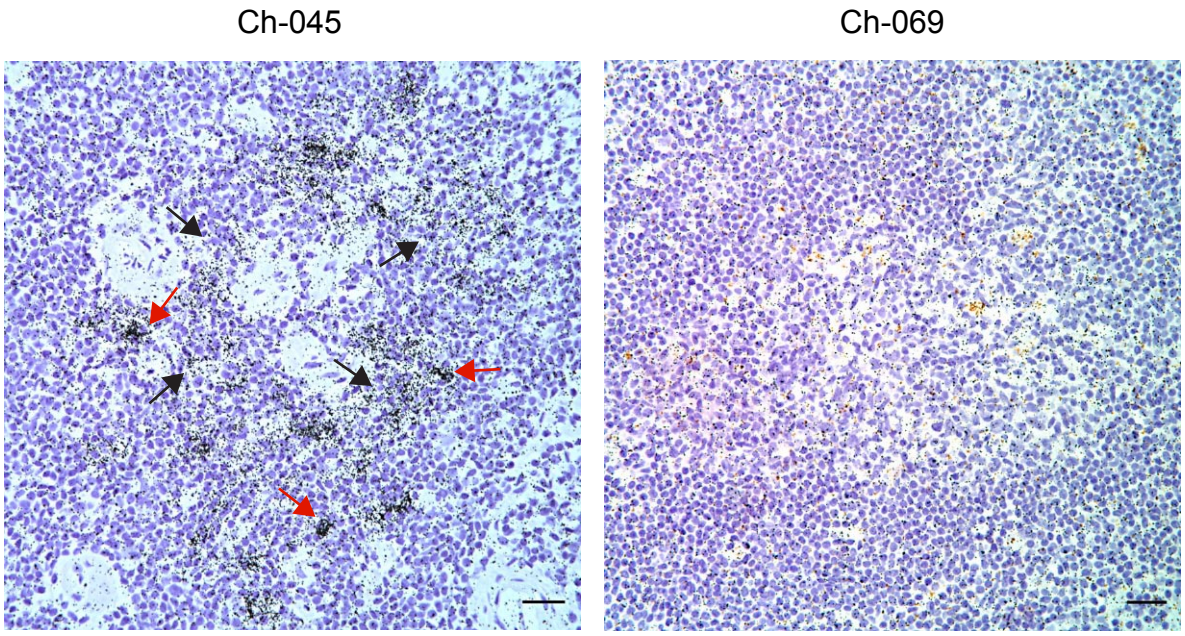
Supplementary Figure 3a.



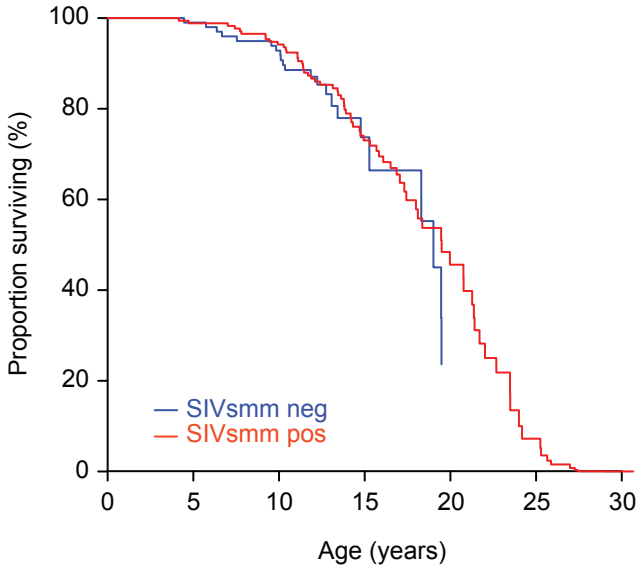
Supplementary Figure 3b.



Supplementary Figure 3. CD4+ T cell depletion and collagen deposition in the spleen of SIVcpz infected chimpanzees. a, b, Representative images of CD4 (T helper cells), CD3 (pan T cells), CD20 (B cells) and Trichrome (collagen) stained spleen sections are shown for (**a**) three SIVcpz infected chimpanzees (Ch-036, Ch-045 and Ch-099), as well as (**b**) two uninfected chimpanzees (Ch-016, Ch-069) and one normal human (Hu HIV-) control. Each row represents consecutive sections of the same periarteriolar lymphoid sheath (PALS) region (the scale bar indicates 50 μm). In sections stained with CD4, CD3 and CD20 antibodies, positive cells are dark brown (cell nuclei are blue). In Masson's Trichrome stained sections, collagen is dark blue (cytoplasm and nuclei are red-magenta). Note the varying degrees of CD4+ T cell depletion and associated collagen deposition in Ch-036 (severe), Ch-045 (intermediate) and Ch-099 (minor), and the fact that the CD4+ T cell loss in Ch-045 and Ch-099 occurred in the absence of a concomitant depletion of other CD3+ T cell and B cell populations.



Supplementary Figure 4. SIVcpz replication *in vivo*. Spleen sections from an SIVcpz infected (Ch-045) and uninfected (Ch-069) chimpanzee were subjected to *in situ* hybridization (ISH) using ^{35}S-labelled SIVcpz*Pts* specific RNA riboprobes. SIVcpz RNA is shown as black silver grains (nuclei are stained blue). Red arrows highlight individual cells that express copious amounts of viral RNA (areas of very dense silver grains); black arrows indicate extensive trapping of virus particles by follicular dendritic cells (areas of more diffuse silver grains). Note that ISH also identified a few productively infected cells in the spleen of Ch-036, but not Ch-099 (possibly due to partial tissue degradation). Original magnification 400x (the scale bar is 25 μm).



Supplementary Figure 5. SIVsmm associated mortality in captive sooty mangabeys. Kaplan-Meier survival curves are shown for SIVsmm infected (n=167; red) and uninfected (n=62; blue) sooty mangabeys housed at the Yerkes National Primate Research Center. The mortality rates of the two groups do not differ significantly (p=0.55). The proportion of surviving sooty mangabeys is shown in relation to their age in years.

Supplementary Table 1. Non-invasive testing of Gombe chimpanzees for SIVcpz infection

							Microsatellite Loci[6]							GenBank accession numbers[9]			
Individual[1]	Sex[2]	Comm-unity[3]	Sample type	Sample Code	Collection Date[4]	mtDNA haplotype[5]	D18s536	D4s243	D10s676	D9s922	urine WB[7]	fecal WB	fecal vRNA[8]	*pol*	gp41/*nef*	SIVcpz Strain	Birth and Death Dates with Immigration Notes[10]
Ch-001	F	**KK**	**fecal**	**7**	**8-Nov-00**	**1**	**141/161**	**204/235**	**182/190**	**286/306**			**neg**				DOB (19-Nov-70)
		KK	urine	u305	24-Jun-01						neg						
		KK	fecal	87	31-Dec-01							neg	neg				
		KK	fecal	91	31-Dec-01								neg				
		KK	fecal	51	5-Jan-02							neg	neg				
		KK	urine	u110	22-Feb-02						neg						
		KK	urine	u61	24-Mar-02						neg						
		KK	urine	u62	13-Apr-02						neg						
		KK	urine	u142	13-May-02						neg						
		KK	urine	u143	9-Jul-02						neg						
		KK	urine	u239	27-Jul-02						neg						
		KK	urine	u240	10-Aug-02						neg						
		KK	urine	u238	25-Sep-02						neg						
		KK	urine	u507	15-Jun-03						neg						
		KK	**fecal**	**327**	**6-Aug-03**		**141/161**	**204/235**	**182/190**	**286/306**		**neg**					
		KK	fecal	420	2-Apr-04							neg					
		KK	fecal	421	3-Apr-04							neg					
		KK	fecal	422	22-May-04							neg					
		KK	fecal	423	24-May-04							neg					
		KK	fecal	424	5-Jun-04							neg					
		KK	fecal	429	30-Jun-04							neg					
		KK	fecal	425	1-Jul-04							neg					
		KK	fecal	426	11-Jul-04							neg					
		KK	fecal	427	12-Jul-04							neg					
		KK	fecal	428	18-Jul-04							neg					
		KK	fecal	986	6-Jan-05							neg					
		KK	fecal	731	10-May-05							neg					
		KK	fecal	985	4-Dec-05							neg					
		KK	fecal	1107	31-Jul-06							neg					
		KK	**fecal**	**1152**	**31-Jan-07**		**141/161**	**204/235**	**182/190**	**286/306**		**neg**					
		KK	fecal	1246	9-Jun-07							neg					
		KK	**fecal**	**1393**	**19-Apr-08**		**141/161**	**204/235**	**182/190**	**286/306**		**neg**					
		KK	**fecal**	**1475**	**21-Oct-08**		**141/161**	**204/235**	**182/190**	**286/306**		**neg**					
Ch-002	F	**KK**	**fecal**	**22**	**4-Oct-01**	**7**	**141/161**	**204/231**	**182/190**	**302/302**			**neg**				DOB (17-Jun-86)
		KK	**fecal**	**70**	**6-Dec-01**		**141/161**	**204/231**	**182/190**	**302/302**			**neg**				
		KK	fecal	151	28-Jul-02							neg					
		KK	**fecal**	**347**	**11-Sep-03**	**7**	**141/161**	**204/231**	**182/190**	**302/302**		**neg**					
		KK	fecal	373	15-Jun-04							neg					
		KK	fecal	615	10-Dec-04							neg					
		KK	fecal	714	12-May-05							neg					
		KK	fecal	957	22-Dec-05							neg					
		KK	fecal	956	10-Feb-06							neg					
		KK	**fecal**	**1176**	**11-Mar-07**		**141/161**	**204/231**	**182/190**	**302/302**		**neg**					
		KK	**fecal**	**1477**	**18-Jul-08**		**141/161**	**204/231**	**182/190**	**302/302**		**neg**					
		KK	**fecal**	**1448**	**27-Oct-08**		**141/161**	**204/231**	**182/190**	**302/302**		**neg**					
Ch-003	M	**KK**	**fecal**	**15**	**20-Nov-00**	**12**	**141/157**	**204/204**	**186/190**	**270/294**			**neg**				DOB (30-Jul-77)
		KK	fecal	64	11-Dec-01								neg				
		KK	fecal	42	20-Dec-01								neg				
		KK	fecal	85	23-Dec-01								neg				
		KK	urine	u83	28-Mar-02						neg						
		KK	urine	u82	31-Mar-02						neg						
		KK	**fecal**	**198**	**24-Apr-02**		**141/157**	**204/204**	**186/190**	**270/294**							
		KK	fecal	354	11-Sep-03							neg					
		KK	fecal	460	7-Apr-04							neg					
		KK	fecal	459	8-Apr-04							neg					
		KK	fecal	461	5-Jul-04							neg					
		KK	fecal	462	13-Jul-04							neg					
		KK	fecal	695	13-Dec-04							neg					
		KK	fecal	1025	26-Dec-04							neg					
		KK	fecal	743	12-May-05							neg					
		KK	fecal	1026	15-Nov-05							neg					
		KK	fecal	1024	23-Jan-06							neg					
		KK	**fecal**	**1120**	**17-Jul-06**		**141/157**	**204/204**	**186/190**	**270/294**		**neg**					
		KK	**fecal**	**1401**	**17-Sep-07**		**141/157**	**204/204**	**186/190**	**270/294**		**neg**					
		KK	**fecal**	**1343**	**16-Apr-08**		**141/157**	**204/204**	**186/190**	**270/294**		**neg**					
Ch-004	M	KK	fecal	62	12-Dec-01	6							neg				DOB (8-May-89)
		KK	**fecal**	**68**	**12-Dec-01**		**141/161**	**200/235**	**182/182**	**286/302**			**neg**				
		KK	fecal	65	17-Dec-01								neg				
		KK	urine	u88	28-Mar-02						neg						
		KK	urine	u89	1-Apr-02						neg						
		KK	fecal	158	9-Jul-02							neg					
		KK	urine	u703	17-Aug-03						neg						
		KK	fecal	392	6-Apr-04							neg					
		KK	fecal	393	19-Jun-04							neg					
		KK	fecal	394	20-Jun-04							neg					
		KK	fecal	395	7-Jul-04							neg					
		KK	fecal	396	10-Jul-04							neg					
		KK	**fecal**	**554**	**29-Aug-04**	**6**	**141/161**	**200/235**	**182/182**	**286/302**		**neg**					
		KK	fecal	722	12-May-05							neg					
		KK	fecal	790	21-Sep-05							neg					
		KK	fecal	859	26-Sep-05							neg					
		KK	fecal	860	10-Oct-05							neg					
		KK	**fecal**	**977**	**5-Nov-05**		**141/161**	**200/235**	**182/182**	**286/302**		**neg**					
		KK	**fecal**	**1101**	**12-Aug-06**	**6**	**141/161**	**200/235**	**182/182**	**286/302**		**pos**	**pos**	FJ895397	FJ895385	TAN14	

Individual[1]	Sex[2]	Comm-unity[3]	Sample type	Sample Code	Collection Date[4]	mtDNA haplotype[5]	Microsatellite Loci[6] D18s536	D4s243	D10s676	D9s922	urine WB[7]	fecal WB	fecal vRNA[8]	GenBank accession numbers[9] *pol*	gp41/*nef*	SIVcpz Strain	Birth and Death Dates with Immigration Notes[10]
Ch-004 (Con't)		KK	fecal	1162	10-Feb-07		141/161	200/235	182/182	286/302		pos					
		KK	fecal	1187	17-Mar-07		141/161	200/235	182/182	286/302		pos					
		KK	fecal	1233	11-Sep-07		141/161	200/235	182/182	286/302		pos					
		KK	fecal	1371	17-Apr-08		141/161	200/235	182/182	286/302		pos					
		KK	fecal	1375	17-Apr-08	6	141/161	200/235	182/182	286/302		pos					
Ch-005	M	**KK**	**fecal**	**56**	**16-Dec-01**		**141/157**	**196/200**	**182/194**	**302/302**			**neg**				DOB (22-May-71)
		KK	fecal	55	18-Dec-01								neg				
		KK	fecal	89	6-Feb-02								neg				
		KK	urine	u91	3-Apr-02						neg						
		KK	urine	u92	4-May-02						neg						
		KK	fecal	330	20-Aug-03							neg					
		KK	fecal	324	27-Aug-03							neg					
		KK	urine	u718	21-Dec-03						neg						
		KK	**fecal**	**375**	**26-Mar-04**		**141/157**	**196/200**	**182/194**	**302/302**		**neg**					
		KK	fecal	376	1-May-04							neg					
		KK	fecal	377	21-May-04							neg					
		KK	fecal	634	29-Jul-04							neg					
		KK	fecal	967	23-Dec-04							neg					
		KK	fecal	966	5-Nov-05							neg					
		KK	fecal	1096	20-Jul-06							neg					
		KK	**fecal**	**1174**	**5-Mar-07**		**141/157**	**196/200**	**182/194**	**302/302**		**neg**					
		KK	fecal	1234	27-Oct-07							neg					
		KK	fecal	1227	28-Oct-07							neg					
		KK	fecal	1228	31-Oct-07							neg					
		KK	fecal	1226	20-Nov-07							neg					
		KK	**fecal**	**1337**	**16-Apr-08**		**141/157**	**196/200**	**182/194**	**302/302**		**neg**					
		KK	**fecal**	**1501**	**15-Oct-08**		**141/157**	**196/200**	**182/194**	**302/302**		**neg**					
		KK	fecal	6	na	6						neg	neg				
Ch-006	M	KK	fecal	14	9-Nov-00	1						pos	pos	*AF447763*	*AF447763*	TAN1	DOB (21-Oct-77)
		KK	fecal	4	13-Nov-00	1						pos	pos (FL)				DLS (23-Jan-07)
		KK	fecal	17	18-Nov-00	1						pos	pos (FL)				
		KK	fecal	79	18-Dec-01	1						pos	neg				
		KK	fecal	73	23-Dec-01	1						pos	pos				
		KK	fecal	99	3-Jan-02	1						pos	pos				
		KK	fecal	93	11-Jan-02	1						pos	pos (*env*)				
		KK	urine	u77	11-Apr-02						pos						
		KK	urine	u78	28-Apr-02						pos						
		KK	**fecal**	**329**	**20-Aug-03**	**1**	**141/161**	**204/235**	**190/190**	**302/302**		**pos**	**neg**				
		KK	fecal	415	9-Apr-04							pos	neg				
		KK	fecal	411	28-Apr-04							pos	neg				
		KK	fecal	412	13-May-04							pos	neg				
		KK	**fecal**	**413**	**12-Jul-04**		**141/161**	**204/235**	**190/190**	**302/302**		**pos**	**neg**				
		KK	**fecal**	**414**	**16-Jul-04**		**141/161**	**204/235**	**190/190**	**302/302**		**pos**	**neg**				
		KK	fecal	794	9-Jul-05							pos					
		KK	**fecal**	**981**	**5-Nov-05**	**1**	**141/161**	**204/235**	**190/190**	**302/302**		**pos**					
Ch-007	M	**KK**	**fecal**	**71**	**11-Jan-01**		**141/141**	**196/235**	**158/190**	**298/298**			**neg**				DOB (3-Feb-79)
		KK	fecal	95	30-Dec-01	2	141/141	196/235					neg				
		KK	**fecal**	**58**	**4-Jan-02**		**141/141**	**196/235**	**158/190**	**298/298**			**neg**				
		KK	urine	u75	26-Mar-02						neg						
		KK	urine	u76	25-Apr-02						neg						
		KK	urine	u701	20-Jun-03						neg						
		KK	urine	u705	23-Sep-03						neg						
		KK	fecal	369	29-May-04							neg					
		KK	fecal	606	10-Sep-04							neg					
		KK	**fecal**	**607**	**12-Dec-04**		**141/141**	**196/235**	**158/190**	**298/298**		**neg**					
		KK	**fecal**	**711**	**23-May-05**		**141/141**	**196/235**	**158/190**	**298/298**		**neg**					
		KK	**fecal**	**951**	**15-Jan-06**		**141/141**	**196/235**	**158/190**	**298/298**		**neg**					
		KK	**fecal**	**1359**	**22-Jan-07**		**141/141**	**196/235**	**158/190**	**298/298**		**neg**					
		KK	**fecal**	**1398**	**10-May-08**		**141/141**	**196/235**	**158/190**	**298/298**		**neg**					
Ch-008	M	**KK**	**fecal**	**19**	**21-Nov-00**		**141/157**	**200/204**	**190/190**	**302/302**		**neg**	**neg**				DOB (2-Jul-69)*
		KK	urine	u14	7-Jan-01						neg						DLS (6-Nov-02)
		KK	urine	u308	29-Jun-01						neg						First arrived in KK (21-Dec-73)
		KK	urine	u619	20-Oct-01						neg						
		KK	fecal	63	12-Dec-01							neg	neg				
		KK	**fecal**	**67**	**16-Dec-01**		**141/157**	**200/204**	**190/190**	**302/302**		**neg**	**neg**				
		KK	urine	u84	24-Feb-02						neg						
		KK	urine	u85	3-May-02						neg						
		KK	**fecal**	**181**	**4-May-02**		**141/157**	**200/204**	**190/190**	**302/302**		**neg**					
		KK	fecal	5	na	2						neg	neg				
Ch-009	F	**KK**	**fecal**	**2**	**7-Nov-00**	**6**	**141/173**	**196/200**	**190/194**	**302/306**			**neg**				DOB (19-Mar-81)
		KK	fecal	8	11-Nov-00								neg				
		KK	urine	u9	19-Jun-01						neg						
		KK	urine	u288	27-Jun-01						neg						
		KK	fecal	81	20-Dec-01							neg	neg				
		KK	fecal	46	24-Dec-01							neg	neg				
		KK	urine	u128	19-Feb-02						neg						
		KK	urine	u129	24-Feb-02						neg						
		KK	urine	u65	16-Mar-02						neg						
		KK	urine	u130	16-Mar-02						neg						
		KK	urine	u66	18-Mar-02						neg						
		KK	urine	u230	15-Jul-02						neg						
		KK	urine	u229	20-Jul-02						neg						
		KK	urine	u228	29-Sep-02						neg						
		KK	urine	u227	14-Dec-02						neg						
		KK	**fecal**	**338**	**7-Aug-03**		**141/173**	**196/200**	**190/194**	**302/306**		**neg**					
		KK	urine	u535	30-Oct-03						neg						

Individual[1]	Sex[2]	Comm-unity[3]	Sample type	Sample Code	Collection Date[4]	mtDNA haplotype[5]	Microsatellite Loci[6] D18s536	D4s243	D10s676	D9s922	urine WB[7]	fecal WB	fecal vRNA[8]	GenBank accession numbers[9] *pol*	gp41/*nef*	SIVcpz Strain	Birth and Death Dates with Immigration Notes[10]
Ch-009 (Con't)		KK	urine	u544	5-Jan-04						neg						
		KK	fecal	386	28-Mar-04							neg					
		KK	fecal	387	4-May-04							neg					
		KK	fecal	388	10-Jul-04							neg					
		KK	fecal	389	14-Jul-04							neg					
		KK	fecal	390	14-Jul-04							neg					
		KK	fecal	391	16-Jul-04							neg					
		KK	fecal	974	22-Dec-04							neg					
		KK	fecal	718	4-May-05							neg					
		KK	fecal	788	12-Sep-05							neg					
		KK	fecal	857	20-Oct-05							neg					
		KK	fecal	973	26-Jan-06							neg					
		KK	fecal	1099	25-Jul-06							neg					
		KK	**fecal**	**1172**	**22-Feb-07**		**141/173**	**196/200**	**190/194**	**302/306**		**neg**					
		KK	**fecal**	**1365**	**18-Oct-07**		**141/173**	**196/200**	**190/194**	**302/306**		**neg**					
Ch-010	M	KK	fecal	24	14-Oct-01	6	141/161	200/235		286/302		neg	neg				DOB (19-Aug-92)
		KK	**fecal**	**30**	**20-Oct-01**	**6**	**141/161**	**200/235**	**182/194**	**286/302**		**neg**	**neg**				
		KK	urine	u90	3-Mar-02						neg						
		KK	urine	u179	8-May-02						neg						
		KK	urine	u181	12-Jun-02						neg						
		KK	urine	u180	25-Jun-02						neg						
		KK	urine	u680	7-Sep-03						neg						
		KK	fecal	626	7-Oct-04							neg					
		KK	fecal	968	6-Jan-05							neg					
		KK	fecal	786	9-Jul-05							neg					
		KK	fecal	969	23-Jan-06							neg					
		KK	fecal	1097	22-Jul-06							neg					
		KK	fecal	1098	9-Aug-06							neg					
		KK	**fecal**	**1195**	**4-Apr-07**		**141/161**	**200/235**	**182/194**	**286/302**		**neg**					
		KK	fecal	1229	17-Sep-07							neg					
		KK	**fecal**	**1502**	**16-Nov-08**		**141/161**	**200/235**	**182/194**	**286/302**		**neg**					
Ch-011	F	**KK**	**fecal**	**21**	**7-Nov-00**	**6**	**141/173**	**200/204**	**182/194**	**298/302**			**neg**				DOB (2-Jul-58)*
		KK	urine	u8	19-Jun-01						neg						DLS (1-Sep-04)
		KK	urine	u116	19-Jun-01						neg						
		KK	urine	u613	10-Oct-01						neg						
		KK	fecal	69	14-Dec-01								neg				
		KK	fecal	72	20-Dec-01								neg				
		KK	fecal	50	1-Jan-02								neg				
		KK	urine	u64	4-Jan-02						neg						
		KK	urine	u63	25-Apr-02						neg						
		KK	fecal	200	3-May-02								neg				
		KK	urine	u140	26-Jun-02						neg						
		KK	urine	u115	15-Jul-02						neg						
		KK	urine	u232	8-Oct-02						neg						
		KK	urine	u233	13-Oct-02						neg						
		KK	**fecal**	**275**	**29-Jan-03**	**6**	**141/173**	**200/204**	**182/194**	**298/302**		**neg**					
		KK	**fecal**	**340**	**7-Aug-03**		**141/173**	**200/204**	**182/194**	**298/302**		**neg**					
		KK	urine	u543	17-Aug-03						neg						
		KK	**fecal**	**357**	**7-Sep-03**		**141/173**	**200/204**	**182/194**	**298/302**		**neg**					
		KK	urine	u494	5-Jan-04						neg						
		KK	fecal	378	29-Mar-04							neg					
		KK	fecal	379	23-May-04							neg					
		KK	fecal	380	24-May-04							neg					
		KK	fecal	381	9-Jun-04							neg					
		KK	fecal	382	3-Jul-04							neg					
		KK	fecal	383	8-Jul-04							neg					
		KK	**fecal**	**384**	**9-Jul-04**		**141/173**	**200/204**	**182/194**	**298/302**		**neg**					
Ch-012	F	**KK**	**fecal**	**13**	**24-Nov-00**	**6**	**141/173**	**196/200**	**182/194**	**298/302**		**neg**	**neg**				DOB (20-Jul-98)
		KK	**fecal**	**35**	**12-Oct-01**	**6**	**141/173**	**196/200**	**182/194**	**298/302**		**neg**	**neg**				
		KK	urine	u182	3-Apr-02						neg						
		KK	urine	u183	3-May-02						neg						
		KK	**fecal**	**167**	**5-May-02**	**6**	**141/173**	**196/200**	**182/194**	**298/302**		**neg**					
		KK	urine	u184	9-May-02						neg						
		KK	urine	u139	12-May-02						neg						
		KK	urine	u185	12-May-02						neg						
		KK	urine	u186	25-Jun-02						neg						
		KK	urine	u217	30-Dec-02						neg						
		KK	urine	u210	29-Jan-03						neg						
		KK	fecal	385	8-Jul-04							neg					
		KK	fecal	628	16-Aug-04							neg					
		KK	fecal	627	25-Sep-04							neg					
		KK	fecal	970	23-Dec-04							neg					
		KK	fecal	971	15-Jan-06							neg					
		KK	fecal	972	5-Mar-06							neg					
		KK	**fecal**	**1183**	**14-Mar-07**		**141/173**	**196/200**	**182/194**	**298/302**		**neg**					
		KK	**fecal**	**1346**	**13-Jul-08**		**141/173**	**196/200**	**182/194**	**298/302**		**neg**					
		KK	**fecal**	**1440**	**21-Oct-08**		**141/173**	**196/200**	**182/194**	**298/302**		**neg**					
Ch-013	M	**KK**	**fecal**	**12**	**15-Nov-00**	**6**	**141/173**	**200/204**	**182/194**	**302/302**			**neg**				DOB (30-Jun-76)
		KK	**fecal**	**25**	**2-Nov-01**		**141/173**	**200/204**	**182/194**	**302/302**		**neg**	**neg**				
		KK	fecal	40	20-Dec-01							neg	neg				
		KK	urine	u79	9-Feb-02						neg						
		KK	urine	u80	25-Apr-02						neg						
		KK	fecal	148	30-May-02							neg					
		KK	**fecal**	**195**	**14-Jun-02**		**141/173**	**200/204**	**182/194**	**302/302**		**neg**					
		KK	fecal	263	9-Jan-03								neg				
		KK	fecal	266	10-Jan-03								neg				

Individual[1]	Sex[2]	Comm-unity[3]	Sample type	Sample Code	Collection Date[4]	mtDNA haplotype[5]	Microsatellite Loci[6] D18s536	D4s243	D10s676	D9s922	urine WB[7]	fecal WB	fecal vRNA[8]	GenBank accession numbers[9] *pol*	gp41/*nef*	SIVcpz Strain	Birth and Death Dates with Immigration Notes[10]
Ch-013 (Con't)		**KK**	**fecal**	**265**	**2-Mar-03**		**141/173**	**200/204**	**182/194**	**302/302**			**neg**				
		KK	urine	u383	30-Apr-03						neg						
		KK	urine	u717	18-Dec-03						neg						
		KK	fecal	397	30-Jan-04							neg					
		KK	fecal	400	8-Jun-04							neg					
		KK	fecal	398	16-Jun-04							neg					
		KK	fecal	399	27-Jun-04							neg					
		KK	fecal	637	24-Jul-04							neg					
		KK	fecal	724	7-May-05							neg					
		KK	fecal	978	1-Nov-05							neg					
		KK	**fecal**	**979**	**18-May-06**		**141/173**	**200/204**	**182/194**	**302/302**		**neg**					
		KK	**fecal**	**1238**	**28-Jun-07**		**141/173**	**200/204**	**182/194**	**302/302**		**neg**					
		KK	**fecal**	**1453**	**20-Nov-08**		**141/173**	**200/204**	**182/194**	**302/302**		**neg**					
Ch-014	M	**KK**	**fecal**	**166**	**28-Jul-02**	**6**	**141/161**	**196/200**	**186/190**	**290/306**		**neg**					DOB (27-May-00)
		KK	urine	u190	28-Jul-02						neg						
		KK	fecal	401	6-Jul-04							neg					
		KK	fecal	639	22-Sep-04							neg					
		KK	fecal	976	26-Dec-04							neg					
		KK	**fecal**	**719**	**4-May-05**	**6**	**141/161**	**196/200**	**186/190**	**290/306**		**neg**					
		KK	fecal	789	12-Sep-05							neg					
		KK	**fecal**	**858**	**29-Oct-05**	**6**	**141/161**	**196/200**	**186/190**	**290/306**		**neg**					
		KK	**fecal**	**975**	**12-Mar-06**	**6**	**141/161**	**196/200**	**186/190**	**290/306**		**neg**					
		KK	fecal	1100	17-Aug-06							neg					
		KK	**fecal**	**1186**	**16-Mar-07**		**141/161**	**196/200**	**186/190**	**290/306**		**neg**					
		KK	**fecal**	**1412**	**17-May-08**		**141/161**	**196/200**	**186/190**	**290/306**		**neg**					
		KK	**fecal**	**1500**	**21-Oct-08**		**141/161**	**196/200**	**186/190**	**290/306**		**neg**					
Ch-015	F	**KK**	**fecal**	**49**	**20-Dec-01**	**1**	**141/161**	**235/235**	**182/190**	**286/298**		**neg**	**neg**				DOB (14-Feb-93)
		KK	fecal	78	30-Dec-01	1						neg	neg				
		KK	urine	u38	13-Mar-02						neg						
		KK	urine	u48	13-Mar-02						neg						
		KK	urine	u132	11-Apr-02						neg						
		KK	urine	u141	13-May-02						neg						
		KK	urine	u237	30-Jun-02						neg						
		KK	urine	u234	6-Aug-02						neg						
		KK	urine	u235	8-Sep-02						neg						
		KK	urine	u236	15-Sep-02						neg						
		KK	urine	u594	14-Jan-03						neg						
		KK	urine	u350	21-May-03						neg						
		KK	**fecal**	**348**	**3-Aug-03**	**1**	**141/161**	**235/235**	**182/190**	**286/298**		**neg**					
		KK	urine	u505	14-Sep-03						neg						
		KK	urine	u554	15-Dec-03						neg						
		KK	fecal	402	24-May-04							neg					
		KK	fecal	403	11-Jul-04							neg					
		KK	fecal	404	12-Jul-04							neg					
		KK	fecal	405	18-Jul-04							neg					
		KK	fecal	640	12-Sep-04							neg					
		KK	fecal	728	16-May-05							neg					
		KK	fecal	793	14-Sep-05							neg					
		KK	**fecal**	**980**	**29-Jan-06**		**141/161**	**235/235**	**182/190**	**286/298**		**neg**					
		KK	**fecal**	**1103**	**2-Aug-06**	**1**	**141/161**	**235/235**	**182/190**	**286/298**		**neg**					
		KK	**fecal**	**1364**	**22-Jan-07**		**141/161**	**235/235**	**182/190**	**286/298**		**neg**					
		KK	**fecal**	**1426**	**24-Jan-07**		**141/161**	**235/235**	**182/190**	**286/298**		**neg**					
		KK	**fecal**	**1240**	**17-Sep-07**		**141/161**	**235/235**	**182/190**	**286/298**		**neg**					
		KK	**fecal**	**1341**	**3-Jun-08**		**141/161**	**235/235**	**182/190**	**286/298**		**neg**					
		KK	**fecal**	**1467**	**15-Oct-08**	**1**	**141/161**	**235/235**	**182/190**	**286/298**		**neg**					
Ch-016	M	**KK**	**fecal**	**16**	**13-Nov-00**	**1**	**161/173**	**196/235**	**190/190**	**302/306**		**neg**	**neg**				DOB (6-Sep-64)
		KK	urine	u16	13-Nov-00						neg						DOD (24-Aug-04)
		KK	fecal	80	14-Dec-01							neg	neg				
		KK	fecal	66	18-Dec-01								neg				
		KK	**fecal**	**59**	**8-Jan-02**		**161/173**	**196/235**	**190/190**	**302/306**			**neg**				
		KK	fecal	190	17-Mar-02								neg				
		KK	urine	u29	11-Apr-02						neg						
		KK	urine	u30	13-Apr-02						neg						
		KK	urine	u32	16-Apr-02						neg						
		KK	urine	u69	16-Apr-02						neg						
		KK	urine	u31	25-Apr-02						neg						
		KK	urine	u70	25-Apr-02						neg						
		KK	fecal	169	7-May-02								neg				
		KK	**fecal**	**141**	**9-Jun-02**		**161/173**	**196/235**	**190/190**	**302/306**			**neg**				
		KK	urine	u716	19-Jun-03						neg						
		KK	fecal	334	17-Aug-03							neg					
		KK	fecal	406	1-Apr-04							neg					
		KK	fecal	407	15-May-04							neg					
		KK	fecal	408	26-Jun-04							neg					
		KK	fecal	409	4-Jul-04							neg					
		KK	fecal	410	10-Jul-04							neg					
		KK	**fecal**	**646**	**18-Aug-04**		**161/173**	**196/235**	**190/190**	**302/306**		**neg**					
		KK	urine	u28	na						neg						
Ch-017	F	**KK**	**fecal**	**38**	**22-Nov-01**	**1**	**141/173**	**200/204**	**182/194**	**302/306**			**neg**				DOB (13-Jul-98)
		KK	urine	u152	6-Jun-02						neg						
		KK	urine	u193	25-Jul-02						neg						
		KK	fecal	416	22-May-04							neg					
		KK	fecal	417	11-Jul-04							neg					
		KK	fecal	647	23-Nov-04							neg					
		KK	fecal	729	10-May-05							neg					
		KK	fecal	982	4-Dec-05							neg					

Individual[1]	Sex[2]	Comm-unity[3]	Sample type	Sample Code	Collection Date[4]	mtDNA haplotype[5]	Microsatellite Loci[6] D18s536	D4s243	D10s676	D9s922	urine WB[7]	fecal WB	fecal vRNA[8]	GenBank accession numbers[9] *pol*	gp41/*nef*	SIVcpz Strain	Birth and Death Dates with Immigration Notes[10]
Ch-017		KK	fecal	983	5-Jun-06							neg					
(Con't)		KK	fecal	1105	31-Jul-06							neg					
		KK	**fecal**	**1184**	**15-Mar-07**		**141/173**	**200/204**	**182/194**	**302/306**		**neg**					
		KK	fecal	1242	9-Jun-07							neg					
		KK	fecal	1243	17-Jan-08							neg					
		KK	**fecal**	**1372**	**4-Mar-08**		**141/173**	**200/204**	**182/194**	**302/306**		**neg**					
		KK	urine	u194	na						neg						
Ch-018	F	**KK**	**fecal**	**31**	**26-Nov-01**	**12**	**141/161**	**235/235**	**190/190**	**286/302**		**neg**	**neg**				DOB (2-Jul-70)*
		KK	fecal	346	24-Aug-03							neg					First arrived in KK (31-Oct-92)
		KK	urine	u523	23-Sep-03						neg						
		KK	fecal	648	26-Sep-04							neg					
		KK	**fecal**	**649**	**13-Dec-04**	**12**	**141/161**	**235/235**	**190/190**	**286/302**		**neg**					
		KK	**fecal**	**732**	**24-May-05**	**12**	**141/161**	**235/235**	**190/190**	**286/302**		**neg**					
		KK	fecal	988	14-Mar-06							neg					
		KK	fecal	987	7-Jun-06							neg					
		KK	fecal	1166	12-Feb-07							neg					
		KK	**fecal**	**1190**	**26-Mar-07**		**141/161**	**235/235**	**190/190**	**286/302**		**neg**					
		KK	**fecal**	**1491**	**?/??/2008**		**141/161**	**235/235**	**190/190**	**286/302**		**neg**					
Ch-019	F	**KK**	**fecal**	**37**	**10-Oct-01**	**11**	**153/157**	**204/235**	**186/190**	**290/298**			**neg**				DOB (2-Jul-84)*
		KK	urine	u26	23-Nov-01						neg						First arrived in KK (16-Mar-97)
		KK	fecal	217	4-Jul-02							neg					
		KK	fecal	255	18-Jul-02							neg					
		KK	fecal	294	28-Aug-03							neg					
		KK	fecal	431	1-Jun-04		153/157	204/235				neg					
		KK	fecal	651	18-Sep-04	11	153/157	204/235	186/190			neg					
		KK	**fecal**	**652**	**2-Dec-04**	**11**	**153/157**	**204/235**	**186/190**	**290/298**		**neg**					
		KK	fecal	800	20-Aug-05							neg					
		KK	**fecal**	**995**	**9-May-06**		**153/157**	**204/235**	**186/190**	**290/298**		**neg**					
		KK	**fecal**	**1252**	**17-Jan-08**		**153/157**	**204/235**	**186/190**	**290/298**		**neg**					
		KK	**fecal**	**1439**	**21-Jul-08**		**153/157**	**204/235**	**186/190**	**290/298**		**neg**					
Ch-020	M	**KK**	**fecal**	**20**	**10-Nov-00**	**12**	**141/141**	**196/231**	**182/190**	**290/302**			**neg**				DOB (17-Feb-82)
		KK	urine	u328	24-Jun-01						neg						
		KK	fecal	76	15-Dec-01							neg	neg				
		KK	fecal	54	8-Jan-02								neg				
		KK	urine	u71	28-Apr-02						neg						
		KK	fecal	325	27-Aug-03							neg					
		KK	urine	u720	21-Dec-03						neg						
		KK	fecal	432	20-Apr-04							neg					
		KK	fecal	433	6-May-04							neg					
		KK	fecal	434	11-May-04							neg					
		KK	fecal	435	11-Jun-04							neg					
		KK	fecal	660	5-Dec-04							neg					
		KK	fecal	801	18-Jul-05							neg					
		KK	fecal	996	8-Jan-06							neg					
		KK	**fecal**	**1202**	**7-Apr-07**		**141/141**	**196/231**	**182/190**	**290/302**		**neg**					
		KK	fecal	1253	17-Sep-07							neg					
		KK	**fecal**	**1527**	**9-Oct-08**		**141/141**	**196/231**	**182/190**	**290/302**		**neg**					
		KK	**fecal**	**1443**	**6-Nov-08**		**141/141**	**196/231**	**182/190**	**290/302**		**neg**					
Ch-021	F	**KK**	**fecal**	**143**	**18-Aug-02**		**161/177**	**204/204**	**182/186**	**294/302**		**neg**					DOB (2-Jul-89)*
		KK	urine	u672	12-Jan-03						neg						First arrived in KK (15-Sep-01)
		KK	fecal	339	6-Aug-03							neg					
		KK	urine	u552	15-Dec-03						neg						
		KK	fecal	436	29-May-04							neg					
		KK	**fecal**	**661**	**2-Dec-04**	**3**	**161/177**	**204/204**	**182/186**	**294/302**		**neg**					
		KK	**fecal**	**621**	**5-Dec-04**	**3**	**161/177**	**204/204**	**182/186**	**294/302**		**neg**					
		KK	**fecal**	**733**	**11-May-05**	**3**	**161/177**	**204/204**	**182/186**	**294/302**		**pos**	**pos (*env*)**				
		KK	**fecal**	**997**	**20-Nov-05**	**3**	**161/177**	**204/204**	**182/186**	**294/302**		**pos**					
		KK	fecal	998	16-Mar-06	3						pos					
		KK	fecal	1110	14-Oct-06	3						pos	pos	FJ895399	FJ895387	TAN11	
		KK	**fecal**	**1163**	**11-Feb-07**		**161/177**	**204/204**	**182/186**	**294/302**		**pos**					
		KK	**fecal**	**1471**	**23-Oct-08**		**161/177**	**204/204**	**182/186**	**294/302**		**pos**					
Ch-022	F	**KK**	**fecal**	**112**	**6-Jan-02**	**7**	**157/161**	**196/196**	**182/182**	**286/294**		**pos**	**neg**				DOB (2-Jul-88)*
		KK	urine	u243	9-Apr-02						pos						First arrived in KK (1-Oct-00)
		KK	urine	u242	13-Jun-02						pos						
		KK	fecal	160	18-Jun-02	7		196/196	182/182	286/294		pos	neg				
		KK	**fecal**	**184**	**20-Jun-02**	**7**	**157/161**	**196/196**	**182/182**	**286/294**		**pos**	**neg**				
		KK	fecal	292	29-Aug-03	7						pos	neg				
		KK	fecal	662	14-Aug-04	7		196/196	182/182			pos					
		KK	fecal	1089	22-Dec-04							pos					
		KK	**fecal**	**736**	**24-May-05**	**7**	**157/161**	**196/196**	**182/182**	**286/294**		**pos**	**pos**	FJ895405		TAN9	
		KK	fecal	802	20-Sep-05							pos					
		KK	fecal	1001	15-Jan-06							pos					
		KK	fecal	1113	14-Jul-06							pos	pos (*pol*)				
		KK	**fecal**	**1416**	**22-Jan-07**		**157/161**	**196/196**	**182/182**	**286/294**		**pos**					
		KK	**fecal**	**1161**	**9-Feb-07**		**157/161**	**196/196**	**182/182**	**286/294**		**pos**					
		KK	**fecal**	**1270**	**16-Jun-07**		**157/161**	**196/196**	**182/182**	**286/294**		**pos**					
		KK	**fecal**	**1271**	**18-Nov-07**		**157/161**	**196/196**	**182/182**	**286/294**		**pos**					
		KK	**fecal**	**1351**	**19-Apr-08**		**157/161**	**196/196**	**182/182**	**286/294**		**pos**					
		KK	**fecal**	**1342**	**13-Jul-08**		**157/161**	**196/196**	**182/182**	**286/294**		**pos**					
		KK	**fecal**	**1460**	**21-Oct-08**		**157/161**	**196/196**	**182/182**	**286/294**		**pos**					
Ch-023	M	**KK**	**fecal**	**77**	**15-Dec-01**	**9**	**141/161**	**235/235**	**182/190**	**286/298**			**neg**				DOB (16-Dec-77)
		KK	fecal	45	22-Dec-01							neg	neg				
		KK	urine	u72	3-May-02						neg						
		KK	urine	u375	31-May-03						neg						
		KK	fecal	344	26-Aug-03							neg					
		KK	**fecal**	**668**	**25-Sep-04**		**141/161**	**235/235**	**182/190**	**286/298**		**neg**					

Individual[1]	Sex[2]	Comm-unity[3]	Sample type	Sample Code	Collection Date[4]	mtDNA haplotype[5]	Microsatellite Loci[6] D18s536	D4s243	D10s676	D9s922	urine WB[7]	fecal WB	fecal vRNA[8]	GenBank accession numbers[9] *pol*	gp41/*nef*	SIVcpz Strain	Birth and Death Dates with Immigration Notes[10]
Ch-023 (Con't)		KK	fecal	669	9-Nov-04							neg					
		KK	fecal	1007	6-Jan-05							neg					
		KK	**fecal**	**738**	**10-May-05**	**9**	**141/161**	**235/235**	**182/190**	**286/298**		**neg**					
		KK	fecal	804	14-Sep-05							neg					
		KK	fecal	1005	14-Nov-05							neg					
		KK	fecal	1006	18-Feb-06							neg					
		KK	**fecal**	**1116**	**14-Jul-06**	**9**	**141/161**	**235/235**	**182/190**	**286/298**		**neg**					
		KK	**fecal**	**1356**	**28-Jan-07**		**141/161**	**235/235**	**182/190**	**286/298**		**neg**					
		KK	**fecal**	**1273**	**21-Jun-07**		**141/161**	**235/235**	**182/190**	**286/298**		**neg**					
		KK	**fecal**	**1400**	**13-May-08**		**141/161**	**235/235**	**182/190**	**286/298**		**neg**					
		KK	**fecal**	**1436**	**21-Oct-08**	**9**	**141/161**	**235/235**	**182/190**	**286/298**		**neg**					
Ch-024	F	**KK**	**fecal**	**82**	**20-Dec-01**	**11**	**153/173**	**196/200**	**190/190**	**286/302**			**neg**				DOB (2-Jul-61)*
		KK	fecal	88	31-Dec-01							neg	neg				DOD (3-Oct-05)
		KK	urine	u259	26-Jan-02						neg						First arrived in KK (15-Mar-71)
		KK	urine	u135	18-Feb-02						neg						
		KK	urine	u58	14-Apr-02						neg						
		KK	urine	u57	20-Apr-02						neg						
		KK	**fecal**	**199**	**24-Apr-02**	**11**	**153/173**	**196/200**	**190/190**	**286/302**		**neg**					
		KK	urine	u147	25-May-02						neg						
		KK	urine	u146	26-May-02						neg						
		KK	urine	u260	12-Aug-02						neg						
		KK	urine	u261	20-Sep-02						neg						
		KK	urine	u582	14-Feb-03						neg						
		KK	fecal	326	8-Aug-03		153/173	196/200	190/190			neg					
		KK	urine	u502	8-Aug-03						neg						
		KK	fecal	439	3-May-04							neg					
		KK	fecal	440	14-Jun-04							neg					
		KK	fecal	441	15-Jun-04							neg					
		KK	fecal	442	16-Jul-04							neg					
		KK	**fecal**	**667**	**14-Dec-04**		**153/173**	**196/200**	**190/190**	**286/302**		**neg**					
Ch-025	F	**KK**	**fecal**	**3**	**14-Nov-00**	**5**	**157/173**	**231/231**	**186/190**	**286/302**			**neg**				DOB (26-Oct-73)
		KK	urine	u615	19-Oct-01						neg						
		KK	urine	u40	11-Dec-01						neg						
		KK	urine	u262	11-Dec-01						neg						
		KK	fecal	41	24-Dec-01	5						neg	neg				
		KK	**fecal**	**94**	**9-Jan-02**	**5**	**157/173**	**231/231**	**186/190**	**286/302**		**neg**	**neg**				
		KK	urine	u51	29-Apr-02						neg						
		KK	urine	u52	29-Apr-02						neg						
		KK	urine	u136	29-Apr-02						neg						
		KK	urine	u137	16-Jul-02						neg						
		KK	urine	u138	12-Aug-02						neg						
		KK	urine	u263	14-Dec-02						neg						
		KK	urine	u562	21-Dec-02						neg						
		KK	**fecal**	**333**	**5-Aug-03**	**5**	**157/173**	**231/231**	**186/190**	**286/302**		**neg**					
		KK	urine	u542	14-Dec-03						neg						
		KK	fecal	443	8-May-04							neg					
		KK	fecal	444	9-May-04							neg					
		KK	**fecal**	**445**	**30-Jun-04**		**157/173**	**231/231**	**186/190**	**286/302**		**neg**					
		KK	fecal	674	31-Jul-04							neg					
		KK	fecal	1009	18-Dec-04							neg					
		KK	fecal	806	13-Jun-05							neg					
		KK	fecal	805	13-Sep-05							neg					
		KK	fecal	1008	5-Dec-05							neg					
		KK	**fecal**	**1010**	**19-Jan-06**		**157/173**	**231/231**	**186/190**	**286/302**		**neg**					
		KK	**fecal**	**1381**	**22-Jan-07**		**157/173**	**231/231**	**186/190**	**286/302**		**neg**					
		KK	**fecal**	**1159**	**7-Feb-07**		**157/173**	**231/231**	**186/190**	**286/302**		**neg**					
		KK	**fecal**	**1480**	**21-Oct-08**		**157/173**	**231/231**	**186/190**	**286/302**		**neg**					
Ch-026	F	**KK**	**fecal**	**92**	**28-Dec-01**	**5**	**153/161**	**196/235**	**186/186**	**286/298**		**neg**	**neg**				DOB (15-Apr-91)
		KK	urine	u163	20-May-02						neg						
		KK	urine	u148	3-Jun-02						neg						
		KK	urine	u164	2-Oct-02						neg						
		KK	urine	u584	5-Feb-03						neg						
		KK	urine	u545	29-Aug-03						neg						
		KK	urine	u510	14-Dec-03						neg						
		KK	fecal	446	17-Jul-04	5						neg					
		KK	fecal	675	8-Sep-04							neg					
		KK	fecal	676	25-Sep-04							neg					
		KK	fecal	677	11-Nov-04							neg					
		KK	fecal	740	15-Feb-05							neg					
		KK	fecal	810	20-Sep-05							neg					
		KK	fecal	1015	12-Jan-06							neg					
		KK	fecal	1117	9-Jun-06							neg					
		KK	**fecal**	**1367**	**27-Jan-07**		**153/161**	**196/235**	**186/186**	**286/298**		**neg**					
		KK	**fecal**	**1191**	**26-Mar-07**		**153/161**	**196/235**	**186/186**	**286/298**		**neg**					
Ch-027	M	**KK**	**fecal**	**10**	**10-Nov-00**	**5**	**141/161**	**196/200**	**186/186**	**286/290**			**neg**				DOB (22-May-83)
		KK	urine	u10	20-Jun-01						neg						
		KK	urine	u737	23-Aug-01						neg						
		KK	fecal	48	22-Dec-01								neg				
		KK	fecal	74	24-Dec-01								neg				
		KK	urine	u86	6-Feb-02						neg						
		KK	urine	u87	29-Apr-02						neg						
		KK	fecal	335	20-Aug-03							neg					
		KK	**fecal**	**341**	**27-Aug-03**		**141/161**	**196/200**	**186/186**	**286/290**		**neg**					
		KK	urine	u677	7-Sep-03						neg						
		KK	fecal	449	18-Apr-04							neg					
		KK	fecal	451	29-Apr-04							neg					

Individual[1]	Sex[2]	Comm-unity[3]	Sample type	Sample Code	Collection Date[4]	mtDNA haplotype[5]	Microsatellite Loci[6] D18s536	D4s243	D10s676	D9s922	urine WB[7]	fecal WB	fecal vRNA[8]	GenBank accession numbers[9] *pol*	gp41/*nef*	SIVcpz Strain	Birth and Death Dates with Immigration Notes[10]
Ch-027 (Con't)		KK	fecal	450	5-Jun-04							neg					
		KK	fecal	680	15-Sep-04							neg					
		KK	fecal	1018	2-Dec-04							neg					
		KK	fecal	811	10-Jun-05							neg					
		KK	fecal	1119	25-Aug-06							neg					
		KK	**fecal**	**1151**	**30-Jan-07**	**5**	**141/161**	**196/200**	**186/186**	**286/290**		**neg**					
		KK	fecal	1310	4-Jul-07							neg					
		KK	**fecal**	**1515**	**17-Oct-08**		**141/161**	**196/200**	**186/186**	**286/290**		**neg**					
		KK	**fecal**	**1370**	**na**	**5**	**141/161**	**196/200**	**186/186**	**286/290**		**neg**					
		KK	**fecal**	**1431**	**na**		**141/161**	**196/200**	**186/186**	**286/290**		**neg**					
Ch-028	F	**KK**	**fecal**	**121**	**29-Dec-01**	**5**	**157/173**	**200/231**	**186/190**	**302/302**			**neg**				DOB (25-Jan-91)
		KK	urine	u165	23-Apr-02						neg						DOD (5-Nov-06)
		KK	urine	u166	23-Apr-02						neg						
		KK	urine	u45	27-Apr-02						neg						
		KK	urine	u44	29-Apr-02						neg						
		KK	fecal	155	28-May-02							neg					
		KK	fecal	157	28-May-02	5						neg					
		KK	urine	u264	5-Jul-02						neg						
		KK	fecal	342	6-Aug-03							neg					
		KK	urine	u499	27-Aug-03						neg						
		KK	fecal	452	13-Jul-04							neg					
		KK	fecal	683	2-Dec-04							neg					
		KK	fecal	1088	12-Apr-05							neg					
		KK	fecal	813	18-Jul-05							neg					
		KK	**fecal**	**863**	**13-Oct-05**	**5**	**157/173**	**200/231**	**186/190**	**302/302**		**neg**					
Ch-029	F	KK	**fecal**	**118**	**23-Dec-01**	**2**	**141/161**	**196/196**	**182/190**	**294/302**		**neg**	**neg**				DOB (2-Jul-78)*
		KK	urine	u275	26-Feb-02						neg						First arrived in KK (14-Aug-00)
		KK	urine	u276	9-Mar-02						neg						
		KK	urine	u34	10-Mar-02						neg						
		KK	urine	u35	18-Mar-02						neg						
		KK	fecal	185	3-Apr-02	2						neg	neg				
		KK	fecal	222	25-Jun-02	2						neg	neg				
		KK	urine	u266	23-Sep-02						neg						
		KK	urine	u267	10-Oct-02						neg						
		KK	urine	u277	13-Nov-02						neg						
		KK	fecal	447	10-Jun-04	2						neg					
		KK	fecal	448	8-Jul-04	2	141/161	196/196	182/190			neg					
		KK	fecal	1016	6-Jan-05							neg					
		KK	**fecal**	**741**	**9-May-05**	**2**	**141/161**	**196/196**	**182/190**	**294/302**		**neg**					
		KK	fecal	1017	15-Nov-05							neg					
		KK	fecal	1118	3-Sep-06							neg					
		KK	**fecal**	**1168**	**14-Feb-07**		**141/161**	**196/196**	**182/190**	**294/302**		**neg**					
		KK	**fecal**	**1442**	**2-Nov-08**		**141/161**	**196/196**	**182/190**	**294/302**		**neg**					
Ch-030	F	**KK**	**fecal**	**84**	**13-Dec-01**	**13**	**169/173**	**196/196**	**158/182**	**294/298**		**pos**	**pos**		FJ895391	TAN17	DOB (27-Mar-70)
		KK	urine	u49	31-Mar-02						pos						DLS (8-Dec-03)
		KK	urine	u50	8-Apr-02						pos						
		KK	urine	u169	8-Apr-02						pos						
		KK	fecal	145	2-Jul-02	13						pos	neg				
		KK	urine	u170	7-Jul-02						pos						
		KK	fecal	277	14-Feb-03	13						pos	neg				
		KK	fecal	269	24-Mar-03	13						pos	neg				
		KK	**fecal**	**337**	**7-Aug-03**	**13**	**169/173**	**196/196**	**158/182**	**294/298**		**pos**	**neg**				
Ch-031	F	**KK**	**fecal**	**11**	**6-Nov-00**	**5**	**157/161**	**196/231**	**182/186**	**286/302**		**neg**	**neg**				DOB (2-Jul-58)*
		KK	urine	u441	12-Jul-01						neg						First arrived in KK (15-Sep-71)
		KK	urine	u171	11-Dec-01						neg						
		KK	fecal	75	16-Dec-01							neg	neg				
		KK	fecal	53	3-Jan-02							neg	neg				
		KK	fecal	44	9-Jan-02							neg	neg				
		KK	urine	u67	20-Mar-02						neg						
		KK	urine	u68	22-Apr-02						neg						
		KK	fecal	202	27-Apr-02							neg					
		KK	fecal	152	20-May-02							neg					
		KK	urine	u149	20-May-02						neg						
		KK	urine	u150	21-May-02						neg						
		KK	urine	u274	12-Aug-02						neg						
		KK	urine	u273	7-Oct-02						neg						
		KK	urine	u574	20-Dec-02						neg						
		KK	**fecal**	**352**	**18-Sep-03**		**157/161**	**196/231**	**182/186**	**286/302**		**neg**					
		KK	urine	u521	14-Dec-03						neg						
		KK	fecal	453	19-May-04							neg					
		KK	fecal	454	10-Jun-04							neg					
		KK	fecal	456	30-Jun-04							neg					
		KK	fecal	455	1-Jul-04							neg					
		KK	fecal	458	17-Jul-04							neg					
		KK	fecal	457	18-Jul-04							neg					
		KK	fecal	684	20-Nov-04							neg					
		KK	fecal	1023	18-Dec-04							neg					
		KK	fecal	742	9-May-05							neg					
		KK	fecal	1021	1-Nov-05							neg					
		KK	fecal	1022	14-Mar-06							neg					
		KK	**fecal**	**1368**	**26-Jan-07**	**5**	**157/161**	**196/231**	**182/186**	**286/302**		**neg**					
		KK	**fecal**	**1362**	**27-Jan-07**		**157/161**	**196/231**	**182/186**	**286/302**		**neg**					
		KK	**fecal**	**1156**	**7-Feb-07**		**157/161**	**196/231**	**182/186**	**286/302**		**neg**					
		KK	fecal	1311	16-Jun-07							neg					
		KK	**fecal**	**1331**	**1-Mar-08**		**157/161**	**196/231**	**182/186**	**286/302**		**neg**					
		KK	**fecal**	**1406**	**14-Jul-08**		**157/161**	**196/231**	**182/186**	**286/302**		**neg**					

Individual[1]	Sex[2]	Comm-unity[3]	Sample type	Sample Code	Collection Date[4]	mtDNA haplotype[5]	Microsatellite Loci[6] D18s536	D4s243	D10s676	D9s922	urine WB[7]	fecal WB	fecal vRNA[8]	GenBank accession numbers[9] *pol*	gp41/*nef*	SIVcpz Strain	Birth and Death Dates with Immigration Notes[10]
Ch-031 (Con't)		KK	fecal	1452	15-Oct-08		157/161	196/231	182/186	286/302		neg					
		KK	fecal	1451	27-Oct-08		157/161	196/231	182/186	286/302		neg					
		KK	fecal	1445	9-Nov-08		157/161	196/231	182/186	286/302		neg					
Ch-032	F	KK	fecal	83	25-Dec-01	11	161/173	196/200	190/190				neg				DOB (22-Apr-89)
		KK	fecal	61	30-Dec-01								neg				
		KK	urine	41	22-Jan-02						neg						
		KK	urine	271	25-Jan-02						neg						
		KK	urine	173	18-Feb-02						neg						
		KK	fecal	189	18-May-02							neg	neg				
		KK	urine	151	18-May-02						neg						
		KK	fecal	164	3-Jun-02							neg					
		KK	urine	272	4-Aug-02						neg						
		KK	urine	270	9-Oct-02						neg						
		KK	urine	600	16-Jan-03						neg						
		KK	fecal	336	7-Aug-03		161/173	196/200	190/190			neg					
		KK	urine	532	20-Aug-03						neg						
		KK	fecal	463	29-Mar-04							neg					
		KK	fecal	464	16-Jul-04							neg					
		KK	fecal	686	23-Jul-04							neg					
		KK	**fecal**	**746**	**9-May-05**		**161/173**	**196/200**	**190/190**	**302/306**		**neg**					
		KK	**fecal**	**1314**	**8-Jan-08**		**161/173**	**196/200**	**190/190**	**302/306**		**neg**					
		KK	**fecal**	**1408**	**11-Jul-08**		**161/173**	**196/200**	**190/190**	**302/306**		**neg**					
		KK	**fecal**	**846**	**na**		**161/173**	**196/200**	**190/190**	**302/306**		**neg**					
Ch-033	F	**KK**	**fecal**	**27**	**23-Oct-01**	**11**	**141/157**	**200/231**	**182/190**	**286/302**		**pos**	**neg**				DOB (2-Jul-85)*
		KK	**fecal**	**97**	**4-Jan-02**	**11**	**141/157**	**200/231**	**182/190**	**286/302**		**pos**	**neg**				First arrived in KK (6-Feb-98)
		KK	urine	u356	15-May-03						pos						
		KK	fecal	688	6-Sep-04	11	141/157		182/190	286/302		pos					
		KK	fecal	1028	13-Dec-04							pos					
		KK	**fecal**	**815**	**12-Jul-05**	**11**	**141/157**	**200/231**	**182/190**	**286/302**		**pos**	**pos**		FJ895384	TAN16	
		KK	fecal	1029	31-Jan-06							pos					
		KK	**fecal**	**1030**	**23-Feb-06**		**141/157**	**200/231**	**182/190**	**286/302**		**pos**					
		KK	**fecal**	**1320**	**9-Aug-07**		**141/157**	**200/231**	**182/190**	**286/302**		**pos**					
Ch-034	M	**KK**	**fecal**	**52**	**9-Jan-02**	**11**	**169/173**	**200/204**	**190/194**	**268/302**		**neg**	**neg**				DOB (10-Jul-94)
		KK	urine	u81	20-Apr-02						neg						
		KK	urine	u205	29-May-02						neg						
		KK	urine	u204	12-Jun-02						neg						
		KK	urine	u683	7-Aug-03						neg						
		KK	fecal	466	30-Mar-04							neg					
		KK	fecal	465	8-May-04							neg					
		KK	fecal	689	15-Aug-04							neg					
		KK	fecal	690	7-Dec-04							neg					
		KK	fecal	747	24-May-05							neg					
		KK	fecal	814	14-Sep-05							neg					
		KK	**fecal**	**1027**	**5-Nov-05**		**169/173**	**200/204**	**190/194**	**268/302**		**neg**					
		KK	**fecal**	**1315**	**15-Aug-07**		**169/173**	**200/204**	**190/194**	**268/302**		**neg**					
		KK	**fecal**	**1517**	**18-Jul-08**		**169/173**	**200/204**	**190/194**	**268/302**		**neg**					
Ch-035	M	**KK**	**fecal**	**43**	**6-Jan-02**		**153/161**	**204/235**	**182/186**	**286/298**			**neg**				DOB (21-Oct-72)
		KK	fecal	60	8-Jan-02								neg				
		KK	urine	u73	28-Mar-02						neg						
		KK	urine	u74	23-Apr-02						neg						
		KK	fecal	194	6-Jul-02		153/161	204/235	182/186			neg					
		KK	fecal	358	23-Sep-03							neg					
		KK	urine	u689	23-Sep-03						neg						
		KK	fecal	469	30-Apr-04							neg					
		KK	fecal	470	16-Jun-04							neg					
		KK	**fecal**	**538**	**5-Aug-04**	**4**	**153/161**	**204/235**	**182/186**	**286/298**		**neg**					
		KK	fecal	705	15-Aug-04							neg					
		KK	fecal	749	1-Mar-05							neg					
		KK	fecal	866	26-Sep-05							neg					
		KK	fecal	1034	19-Jan-06							neg					
		KK	**fecal**	**1125**	**22-Jul-06**		**153/161**	**204/235**	**182/186**	**286/298**		**neg**					
		KK	**fecal**	**1360**	**25-Jan-07**		**153/161**	**204/235**	**182/186**	**286/298**		**neg**					
		KK	**fecal**	**1427**	**21-Apr-08**		**153/161**	**204/235**	**182/186**	**286/298**		**neg**					
		KK	**fecal**	**1446**	**17-Oct-08**		**153/161**	**204/235**	**182/186**	**286/298**		**neg**					
Ch-036	F	**KK**	**fecal**	**57**	**4-Jan-01**	**8**	**157/161**	**196/200**	**182/186**	**298/302**			**neg**				DOB (2-Jul-83)*
		KK	fecal	90	6-Jan-02	8							neg				DOD (7-Nov-07)
		KK	urine	u43	13-Feb-02						neg						First arrived in KK (19-Aug-97)
		KK	urine	u251	13-Feb-02						neg						
		KK	urine	u177	26-Mar-02						neg						
		KK	**fecal**	**154**	**9-Aug-02**	**8**	**157/161**	**196/200**	**182/186**	**298/302**		**neg**					
		KK	urine	u250	15-Dec-02						neg						
		KK	**fecal**	**707**	**6-Sep-04**		**157/161**	**196/200**	**182/186**	**298/302**		**neg**					
		KK	**fecal**	**708**	**10-Dec-04**		**157/161**	**196/200**	**182/186**	**298/302**		**neg**					
		KK	**fecal**	**1037**	**15-Mar-06**	**8**	**157/161**	**196/200**	**182/186**	**298/302**		**pos**	**pos**	FJ895398	FJ895386	TAN10	
		KK	**fecal**	**1325**	**28-Jun-07**		**157/161**	**196/200**	**182/186**	**298/302**		**pos**	**neg**				
Ch-037	M	MT	urine	u22	9-Sep-00						pos						DOB (2-Jul-71)*
		MT	urine	u23	9-Sep-00						pos						DLS (10-Sep-01)
		MT	urine	u24	9-Sep-00						pos						
		MT	urine	u25	9-Sep-00						pos						
Ch-038	F	**MT**	**fecal**	**34**	**26-Nov-01**		**157/173**	**204/235**	**182/190**	**294/298**			**neg**				DOB (4-Apr-92)
		MT	fecal	109	26-Dec-01	2	157/173		182/190			neg	neg				DLS (25-Jun-03)
		MT	urine	u101	8-Mar-02						neg						
		MT	**fecal**	**218**	**3-Aug-02**	**2**	**157/173**	**204/235**	**182/190**	**294/298**		**neg**	**neg**				
Ch-039	F	**MT**	**fecal**	**106**	**27-Dec-01**	**12**	**141/153**	**200/204**	**186/186**	**286/298**		**neg**	**neg**				DOB (2-Jul-92)*
		MT	**fecal**	**177**	**27-Jan-02**	**12**	**141/153**	**200/204**	**186/186**	**286/298**		**neg**					
		MT	**fecal**	**134**	**25-Mar-02**	**12**	**141/153**	**200/204**	**186/186**	**286/298**		**neg**					

Individual[1]	Sex[2]	Comm-unity[3]	Sample type	Sample Code	Collection Date[4]	mtDNA haplotype[5]	Microsatellite Loci[6] D18s536	D4s243	D10s676	D9s922	urine WB[7]	fecal WB	fecal vRNA[8]	GenBank accession numbers[9] *pol*	gp41/*nef*	SIVcpz Strain	Birth and Death Dates with Immigration Notes[10]
Ch-039 (Con't)		MT	fecal	137	21-May-02	12	141/153	200/204	186/186	286/298		neg	neg				
		MT	fecal	213	15-Aug-02	12	141/153	200/204	186/186	286/298		neg	neg				
		MT	fecal	1072	27-Feb-04	12	141/153	200/204	186/186	286/298		pos	pos (*env*)				
		MT	fecal	610	18-Jul-04	12	141/153	200/204	186/186	286/298		pos					
		MT	fecal	1052	26-Dec-04							pos					
		MT	fecal	825	3-Jun-05							pos					
		MT	fecal	826	22-Oct-05							pos					
		MT	fecal	1048	24-Jan-06	12						pos	pos	FJ895403	FJ895389	TAN8	
		MT	fecal	1050	2-Mar-06							pos					
		MT	fecal	1051	18-May-06							pos	pos (*pol*)				
		MT	fecal	1093	21-Jun-06							pos					
		MT	fecal	1173	26-Feb-07		141/153	200/204	186/186	286/298		pos					
		MT	fecal	1205	12-Apr-07		141/153	200/204	186/186	286/298		pos					
		MT	fecal	1210	9-Sep-07		141/153	200/204	186/186	286/298		pos					
		MT	fecal	1353	22-Feb-08		141/153	200/204	186/186	286/298		pos					
		MT	fecal	1396	9-May-08		141/153	200/204	186/186	286/298		pos					
		MT	fecal	1355	11-Jul-08		141/153	200/204	186/186	286/298		pos					
		MT	fecal	1472	30-Jul-08		141/153	200/204	186/186	286/298		pos					
		MT	fecal	1434	25-Aug-08		141/153	200/204	186/186	286/298		pos					
		MT	fecal	827	na							pos					
		MT	fecal	828	na							pos					
		MT	fecal	1046	na							pos					
Ch-041	F	KK	fecal	205	23-Jun-02		141/153	196/231	182/190	290/302		neg					DOB (2-Jul-69)*
		KK	fecal	261	21-Nov-02		141/153	196/231	182/190				neg				DLS (2-Oct-07)
		KK	fecal	332	24-Aug-03		141/153	196/231	182/190			neg					First arrived in KK (14-Sep-75)
		KK	urine	u517	24-Aug-03						neg						
		KK	fecal	372	31-Mar-04	11	141/153	196/231	182/190	290/302		neg					
		KK	fecal	955	26-Dec-04							neg					
		KK	fecal	713	4-May-05	11	141/153	196/231	182/190	290/302		neg					
		KK	fecal	782	21-Jul-05							neg					
		KK	fecal	954	15-Jan-06							neg					
		KK	fecal	1164	11-Feb-07		141/153	196/231	182/190	290/302		neg					
		KK	fecal	1211	22-Jul-07							neg					
Ch-042	F	MT	fecal	1	30-Oct-00	2	141/173	200/235	190/190	286/294		neg	neg				DOB (22-Jun-73)
		MT	fecal	219	3-Aug-02												First arrived in MT (3-Jul-88)
		MT	fecal	279	6-Jan-03								neg				
		MT	fecal	280	9-Jan-03								neg				
		MT	fecal	258	20-Jan-03		141/173	200/235	190/190	286/294		neg	neg				
		MT	fecal	291	13-Aug-03							neg					
		MT	fecal	359	20-Oct-03							neg					
		MT	fecal	471	26-Mar-04		141/173	200/235	190/190	286/294		neg					
		MT	fecal	472	8-Apr-04		141/173	200/235	190/190	286/294		neg					
		MT	fecal	473	19-May-04	2	141/173	200/235	190/190	286/294		neg					
		MT	fecal	754	2-Apr-05	2	141/173	200/235	190/190	286/294		neg					
		MT	fecal	822	17-Jun-05							neg					
		MT	fecal	823	18-Oct-05							neg					
		MT	fecal	1042	6-Mar-06							neg					
		MT	fecal	1043	28-Mar-06							neg					
		MT	fecal	1092	6-Jun-06		141/173	200/235	190/190	286/294		neg					
		MT	fecal	1207	17-Apr-07		141/173	200/235	190/190	286/294		neg					
		MT	fecal	1206	9-Sep-07		141/173	200/235	190/190	286/294		neg					
		MT	fecal	1435	14-Oct-08		141/173	200/235	190/190	286/294		neg					
		MT	fecal	1490	6-Nov-08		141/173	200/235	190/190	286/294		neg					
		MT	fecal	1492	19-Nov-08		141/173	200/235	190/190	286/294		neg					
Ch-044	F	MT	fecal	9	26-Oct-00	12	157/173	231/235	186/190	286/302		neg	neg				DOB (28-Feb-84)
		MT	fecal	104	30-Dec-01							neg	neg				First arrived in MT (29-Sep-98)
		MT	fecal	102	9-Jan-02								neg				
		MT	fecal	172	27-Apr-02								neg				
		MT	fecal	138	28-Apr-02								neg				
		MT	fecal	126	14-May-02							neg	neg				
		MT	fecal	293	21-Sep-03							neg					
		MT	fecal	477	17-Mar-04							neg					
		MT	fecal	478	10-Jun-04	12	157/173	231/235	186/190			neg					
		MT	fecal	479	11-Jun-04		157/173	231/235	186/190			neg					
		MT	fecal	480	17-Jun-04							neg					
		MT	fecal	614	21-Jul-04	12	157/173	231/235	186/190			neg					
		MT	fecal	1053	25-Dec-04							neg					
		MT	fecal	829	3-Sep-05	12	157/173	231/235	186/190	286/302		neg					
		MT	fecal	1054	24-Jan-06							neg					
		MT	fecal	1055	15-Feb-06		157/173	231/235	186/190	286/302		neg					
		MT	fecal	1075	1-May-06							neg					
		MT	fecal	1056	6-May-06		157/173	231/235	186/190	286/302		neg					
		MT	fecal	1189	23-Mar-07	12	157/173	231/235	186/190	286/302		neg					
		MT	fecal	1213	14-Sep-07							neg					
		MT	fecal	1388	24-Jan-08		157/173	231/235	186/190	286/302		neg					
		MT	fecal	1420	12-Jul-08		157/173	231/235	186/190	286/302		neg					
		MT	fecal	1465	30-Sep-08		157/173	231/235	186/190	286/302		neg					
		MT	fecal	1493	24-Nov-08		157/173	231/235	186/190	286/302		neg					
Ch-045	M	MT	fecal	108	3-Jan-02	8						pos	pos	*DQ374658*	*DQ374658*	TAN3	DOB (2-Jul-76)*
		MT	fecal	105	10-Jan-02	8						pos	pos (FL)				DOD (22-Dec-04)
		MT	fecal	171	27-Jan-02	8						pos	pos (FL)				
		MT	fecal	127	8-May-02	8						pos	neg				
		MT	fecal	173	8-May-02	8	141/161	200/204	182/182	268/268		pos	pos (*pol*, *env*)				
		MT	fecal	176	8-May-02	8	141/161	200/204	182/182	268/268		pos	pos (*env*)				
		MT	fecal	296	13-Aug-03	8						pos	neg				
		MT	fecal	350	21-Sep-03	8	141/161	200/204	182/182	268/268		pos	neg				

Individual[1]	Sex[2]	Comm-unity[3]	Sample type	Sample Code	Collection Date[4]	mtDNA haplotype[5]	Microsatellite Loci[6] D18s536	D4s243	D10s676	D9s922	urine WB[7]	fecal WB	fecal vRNA[8]	GenBank accession numbers[9] *pol*	gp41/*nef*	SIVcpz Strain	Birth and Death Dates with Immigration Notes[10]
Ch-045 (Con't)		MT	fecal	476	16-Mar-04	8	141/161	200/204	182/182	268/268		pos	neg				
		MT	fecal	513	18-Mar-04							pos	neg				
		MT	fecal	514	23-Mar-04							pos	neg				
		MT	fecal	515	7-May-04	8	141/161	200/204	182/182	268/268		pos	neg				
		MT	fecal	520	8-May-04		141/161	200/204	182/182	268/268		pos	neg				
		MT	fecal	516	10-Jun-04							pos	neg				
		MT	fecal	517	11-Jun-04							pos	neg				
		MT	fecal	499	15-Jun-04	8	141/161	200/204	182/182	268/268		pos	neg				
		MT	fecal	518	15-Jun-04							pos	neg				
		MT	fecal	701	17-Jul-04	8	141/161	200/204	182/182	268/268		pos					
		MT	fecal	702	27-Sep-04	8	141/161	200/204	182/182	268/268		pos					
		MT	fecal	703	15-Oct-04	8	141/161	200/204	182/182	268/268		pos					
		MT	fecal	704	27-Nov-04	8	141/161	200/204	182/182	268/268		pos					
Ch-046	F	MT	fecal	225	16-May-02	6	141/161	204/235	190/194	298/306			neg				DOB (8-Feb-85)
		MT	urine	u253	16-May-02						neg						First arrived in MT (12-Jan-96)
		MT	urine	u370	29-May-03						neg						
		MT	fecal	284	30-Aug-03	6	141/161	204/235	190/194	298/306		neg					
		MT	fecal	492	2-Apr-04							neg					
		MT	fecal	493	7-Apr-04							neg					
		MT	fecal	494	18-Apr-04							neg					
		MT	fecal	495	3-May-04							neg					
		MT	fecal	496	3-May-04							neg					
		MT	fecal	497	21-Jun-04							neg					
		MT	fecal	498	22-Jun-04		141/161	204/235	190/194	298/306		neg					
		MT	fecal	631	11-Dec-04							neg					
		MT	fecal	1064	9-Dec-05							neg					
		MT	fecal	1065	7-Feb-06							neg					
		MT	fecal	1198	5-Apr-07		141/161	204/235	190/194	298/306		neg					
		MT	fecal	1239	11-Sep-07							neg					
		MT	fecal	1390	26-Feb-08		141/161	204/235	190/194	298/306		neg					
		MT	fecal	1352	13-Jul-08		141/161	204/235	190/194	298/306		neg					
		MT	fecal	1506	17-Aug-08		141/161	204/235	190/194	298/306		neg					
		MT	fecal	1486	18-Aug-08		141/161	204/235	190/194	298/306		neg					
		MT	fecal	1484	8-Oct-08		141/161	204/235	190/194	298/306		neg					
		MT	fecal	1505	19-Nov-08		141/161	204/235	190/194	298/306		neg					
Ch-047	F	MT	fecal	23	17-Nov-01	1	141/161	196/204	182/190	302/302			neg				DOB (2-Jul-80)*
		MT	fecal	103	25-Dec-01							neg	neg				
		MT	fecal	128	14-May-02								neg				
		MT	fecal	131	14-May-02							neg	neg				
		MT	fecal	130	20-May-02	1	141/161	196/204	182/190	302/302		neg	neg				
		MT	fecal	174	5-Aug-02								neg				
		MT	fecal	351	28-Oct-03	1	141/161	196/204	182/190	302/302		neg					
		MT	urine	u777	7-Feb-04						neg						
		MT	fecal	763	8-Apr-05		141/161	196/204	182/190	302/302		neg					
		MT	fecal	834	3-Sep-05							neg					
		MT	fecal	1073	10-Dec-05							neg					
		MT	fecal	1109	22-Jun-06		141/161	196/204	182/190	302/302		neg					
		MT	fecal	1422	20-Apr-07		141/161	196/204	182/190	302/302		neg					
		MT	fecal	1330	2-Mar-08		141/161	196/204	182/190	302/302		neg					
		MT	fecal	1404	17-May-08		141/161	196/204	182/190	302/302		neg					
		MT	fecal	1259	na							neg					
Ch-048	M	MT	fecal	107	23-Dec-01	13	161/173	231/235	186/190	302/306		neg	neg				DOB (2-Jul-86)*
		MT	fecal	101	10-Jan-02	13	161/173	231/235	186/190	302/306		neg	neg				
		MT	fecal	123	27-Jan-02	13	161/173	231/235	186/190	302/306		neg	neg				
		MT	fecal	285	29-Oct-03	13	161/173	231/235	186/190	302/306		pos	neg				
		MT	fecal	502	24-Mar-04							pos	neg				
		MT	fecal	503	27-Mar-04							pos	neg				
		MT	fecal	504	5-May-04	13	161/173	231/235	186/190	302/306		pos	neg				
		MT	fecal	505	8-May-04							pos	neg				
		MT	fecal	506	15-May-04							pos	neg				
		MT	fecal	507	17-May-04							pos	pos	FJ895404		TAN15	
		MT	fecal	508	13-Jun-04	13	161/173	231/235	186/190	302/306		pos	neg				
		MT	fecal	670	20-Nov-04	13	161/173	231/235	186/190	302/306		pos					
		MT	fecal	671	21-Nov-04	13	161/173	231/235	186/190	302/306		pos	pos (*pol*)				
		MT	fecal	838	3-Aug-05							pos					
		MT	fecal	839	22-Aug-05							pos					
		MT	fecal	1078	17-Jan-06							pos					
		MT	fecal	1079	13-Feb-06							pos					
		MT	fecal	1081	8-Apr-06							pos					
		MT	fecal	1080	31-May-06							pos					
		MT	fecal	1201	7-Apr-07		161/173	231/235	186/190	302/306		pos					
		MT	fecal	1275	15-Aug-07		161/173	231/235	186/190	302/306		pos					
		MT	fecal	1377	29-May-08		161/173	231/235	186/190	302/306		pos					
		MT	fecal	1483	25-Aug-08		161/173	231/235	186/190	302/306		pos					
		MT	fecal	1514	19-Oct-08		161/173	231/235	186/190	302/306		pos					
Ch-049	F	MT	fecal	124	24-Aug-02	11	141/153	196/235	190/190	298/302			neg				DOB (2-Jul-65)*
		MT	fecal	175	24-Aug-02							neg	neg				
		MT	fecal	295	18-Oct-03		141/153	196/235	190/190	298/302		neg					
		MT	fecal	622	12-Dec-04	11	141/153	196/235	190/190	298/302		neg					
		MT	fecal	831	13-Sep-05	11	141/153	196/235	190/190	298/302		neg					
		MT	fecal	1060	9-Dec-05							neg					
		MT	fecal	1179	11-Mar-07							neg					
		MT	fecal	1197	4-Apr-07		141/153	196/235	190/190	298/302		neg					
		MT	fecal	1218	9-Sep-07							neg					
		MT	fecal	1329	22-Feb-08		141/153	196/235	190/190	298/302		neg					
		MT	fecal	1410	11-Jul-08		141/153	196/235	190/190	298/302		neg					

Individual[1]	Sex[2]	Comm-unity[3]	Sample type	Sample Code	Collection Date[4]	mtDNA haplotype[5]	Microsatellite Loci[6] D18s536	D4s243	D10s676	D9s922	urine WB[7]	fecal WB	fecal vRNA[8]	GenBank accession numbers[9] *pol*	gp41/*nef*	SIVcpz Strain	Birth and Death Dates with Immigration Notes[10]
Ch-049		MT	fecal	1497	11-Oct-08		141/153	196/235	190/190	298/302		neg					
(Con't)		MT	fecal	1498	13-Nov-08		141/153	196/235	190/190	298/302		neg					
Ch-050	F	KK	fecal	47	5-Jan-02	3	141/141	200/204	186/186	302/306		neg	neg				DOB (2-Jul-78)*
		KK	fecal	165	16-Jul-02	3	141/141	200/204	186/186	302/306		neg					First arrived in KK (3-Jan-91)
		KK	urine	u174	16-Jul-02						neg						
		KK	urine	u249	5-Oct-02						neg						
		KK	fecal	289	27-Aug-03	3						neg					
		KK	urine	u557	25-Dec-03						neg						
		KK	fecal	693	15-Aug-04							neg					
		KK	fecal	694	30-Nov-04							neg					
		KK	fecal	1032	23-Dec-04							neg					
		KK	fecal	817	19-Jun-05							neg					
		KK	fecal	816	11-Jul-05							neg					
		KK	fecal	1031	21-Jan-06							neg					
		KK	fecal	1153	5-Feb-07		141/141	200/204	186/186	302/306		neg					
		KK	fecal	1455	7-Nov-08		141/141	200/204	186/186	302/306		neg					
Ch-051	M	KK	fecal	32	11-Nov-01		141/161	200/200	186/190	290/306		neg					DOB (9-Dec-96)
		KK	fecal	98	21-Dec-01	6	141/161	200/200	186/190			neg	neg				
		KK	urine	u187	4-Jun-02						neg						
		KK	urine	u188	18-Jul-02						neg						
		KK	urine	u215	2-Nov-02						neg						
		KK	urine	u216	12-Nov-02						neg						
		KK	fecal	638	22-Sep-04							neg					
		KK	fecal	725	4-May-05							neg					
		KK	fecal	791	12-Sep-05							neg					
		KK	fecal	792	29-Oct-05							neg					
		KK	fecal	1102	25-Jul-06							neg					
		KK	fecal	1194	1-Apr-07		141/161	200/200	186/190	290/306		neg					
		KK	fecal	1386	12-Mar-08		141/161	200/200	186/190	290/306		neg					
		KK	fecal	1391	9-May-08		141/161	200/200	186/190	290/306		neg					
		KK	fecal	1507	21-Oct-08		141/161	200/200	186/190	290/306		neg					
		KK	fecal	1430	na		141/161	200/200	186/190	290/306		neg					
Ch-052	M	KK	fecal	110	3-Jan-02	3	141/173	200/204	186/194	302/302		neg	neg				DOB (24-Dec-93)
		KK	fecal	710	15-Aug-04	3	141/173	200/204	186/194			neg					
		KK	fecal	1040	23-Dec-04		141/173	200/204	186/194	302/302		neg					
		KK	fecal	867	24-Oct-05	3	141/173	200/204	186/194	302/302		pos					
		KK	fecal	1041	11-Mar-06	3	141/173	200/204	186/194	302/302		pos					
		KK	fecal	1127	13-Jul-06	3	141/173	200/204	186/194	302/302		pos	pos	FJ895400	FJ895388	TAN12	
		KK	fecal	1150	30-Jan-07	3	141/173	200/204	186/194	302/302		pos					
		KK	fecal	1328	9-Jan-08		141/173	200/204	186/194	302/302		pos					
Ch-053	F	KK	fecal	111	30-Dec-01	1	141/173	204/204	182/190	286/302		neg	neg				DOB (13-Jul-98)
		KK	fecal	144	28-Apr-02	1	141/173	204/204	182/190	286/302		neg					
		KK	fecal	418	10-Jun-04							neg					
		KK	fecal	419	11-Jul-04							neg					
		KK	fecal	641	1-Oct-04							neg					
		KK	fecal	730	15-Jan-05							neg					
		KK	fecal	795	6-Jun-05							neg					
		KK	fecal	787	11-Jul-05							neg					
		KK	fecal	796	10-Oct-05							neg					
		KK	fecal	984	5-Jun-06							neg					
		KK	fecal	1106	31-Jul-06		141/173	204/204	182/190	286/302		neg					
		KK	fecal	1357	28-Jan-07		141/173	204/204	182/190	286/302		neg					
		KK	fecal	1244	9-Jan-08		141/173	204/204	182/190	286/302		neg					
Ch-054	M	KK	fecal	113	9-Jan-02	5	141/157	231/235	158/186	286/298		neg	neg				DOB (24-May-96)
		KK	fecal	149	28-May-02	5	141/157	231/235	158/186	286/298		neg					
		KK	urine	u197	28-May-02						neg						
		KK	urine	u198	28-May-02						neg						
		KK	urine	u201	8-Jul-02						neg						
		KK	urine	u218	20-Jan-03						neg						
		KK	urine	u209	9-Feb-03						neg						
		KK	fecal	1020	18-Dec-04							neg					
		KK	fecal	812	16-Aug-05							neg					
		KK	fecal	1019	25-Jan-06	5	141/157	231/235		286/298		neg					
		KK	fecal	1374	22-Jan-07		141/157	231/235	158/186	286/298		neg					
		KK	fecal	1403	26-Jan-08		141/157	231/235	158/186	286/298		neg					
		KK	fecal	1392	18-Jun-08		141/157	231/235	158/186	286/298		neg					
		KK	fecal	1387	21-Jun-08		141/157	231/235	158/186	286/298		neg					
		KK	fecal	1496	21-Oct-08		141/157	231/235	158/186	286/298		neg					
Ch-055	F	KK	fecal	119	4-Jan-02	8	157/161	200/204	182/186	298/302		neg	neg				DOB (22-Jul-98)
		KK	fecal	706	6-Sep-04	8	157/161	200/204	182/186			neg					
		KK	fecal	1036	27-Nov-04							neg					
		KK	fecal	819	19-Jun-05	8	157/161	200/204	182/186	298/302		neg					
		KK	fecal	1035	14-Feb-06							neg					
		KK	fecal	1126	19-Jul-06		157/161	200/204	182/186	298/302		neg					
		KK	fecal	1324	24-Jun-07		157/161	200/204	182/186	298/302		neg					
		KK	fecal	1424	13-Mar-08		157/161	200/204	182/186	298/302		neg					
		KK	fecal	1335	28-Apr-08		157/161	200/204	182/186	298/302		neg					
		KK	fecal	1385	4-Jun-08		157/161	200/204	182/186	298/302		neg					
		KK	fecal	1520	23-Oct-08		157/161	200/204	182/186	298/302		neg					
Ch-056	M	KK	fecal	122	6-Jan-02	5	157/173	204/231	182/194	286/302		neg	neg				DOB (9-Jun-01)
		KK	urine	u199	3-Jun-02						neg						
		KK	urine	u200	3-Jun-02						neg						
		KK	urine	u214	7-Oct-02						neg						
		KK	fecal	739	20-Jan-05	5	157/173	204/231	182/194	286/302		neg					
		KK	fecal	808	19-Jun-05		157/173	204/231	182/194	286/302		neg					
		KK	fecal	1012	14-Nov-05		157/173	204/231	182/194	286/302		neg					

Individual[1]	Sex[2]	Comm-unity[3]	Sample type	Sample Code	Collection Date[4]	mtDNA haplotype[5]	Microsatellite Loci[6] D18s536	D4s243	D10s676	D9s922	urine WB[7]	fecal WB	fecal vRNA[8]	GenBank accession numbers[9] *pol*	gp41/*nef*	SIVcpz Strain	Birth and Death Dates with Immigration Notes[10]
Ch-056		KK	fecal	1345	13-Mar-08		157/173	204/231	182/194	286/302		neg					
(Con't)		KK	fecal	1334	13-May-08		157/173	204/231	182/194	286/302		neg					
Ch-057	F	KK	fecal	187	28-Apr-02		141/161	231/235	190/190	286/302		neg					DOB (2-Jul-73)*
		KK	urine	u46	28-Apr-02						neg						First arrived in KK (9-Aug-85)
		KK	urine	u47	28-Apr-02						neg						
		KK	fecal	183	29-Apr-02							neg					
		KK	urine	u134	29-Apr-02						neg						
		KK	urine	u144	5-May-02						neg						
		KK	urine	u145	20-Jun-02						neg						
		KK	fecal	140	10-Jul-02								neg				
		KK	fecal	150	14-Jul-02								neg				
		KK	fecal	153	14-Jul-02							neg					
		KK	urine	u133	28-Jul-02						neg						
		KK	**fecal**	**272**	**20-Nov-02**		**141/161**	**231/235**	**190/190**	**286/302**			**neg**				
		KK	urine	u500	27-Aug-03						neg						
		KK	**fecal**	**319**	**29-Aug-03**		**141/161**	**231/235**	**190/190**	**286/302**		**neg**					
		KK	fecal	430	7-Jun-04							neg					
		KK	fecal	650	8-Sep-04							neg					
		KK	fecal	993	23-Dec-04							neg					
		KK	fecal	799	16-Aug-05							neg					
		KK	fecal	991	3-Mar-06							neg					
		KK	fecal	992	31-May-06							neg					
		KK	**fecal**	**1157**	**7-Feb-07**		**141/161**	**231/235**	**190/190**	**286/302**		**neg**					
		KK	**fecal**	**1509**	**24-Nov-08**	**9**	**141/161**	**231/235**	**190/190**	**286/302**		**neg**					
Ch-058	M	**KK**	**fecal**	**186**	**24-Apr-02**	**11**	**141/173**	**200/200**	**182/190**	**268/302**		**neg**	**neg**				DOB (1-Oct-99)
		KK	**fecal**	**188**	**7-Jul-02**	**11**	**141/173**	**200/200**	**182/190**	**268/302**		**neg**					
		KK	urine	u202	11-Aug-02						neg						
		KK	urine	u203	12-Aug-02						neg						
		KK	fecal	467	15-Jun-04							neg					
		KK	fecal	468	14-Jul-04							neg					
		KK	fecal	687	15-Aug-04							neg					
		KK	fecal	696	13-Dec-04							neg					
		KK	fecal	1033	23-Jan-06							neg					
		KK	fecal	1123	13-Jul-06							neg					
		KK	**fecal**	**1182**	**12-Mar-07**		**141/173**	**200/200**	**182/190**	**268/302**		**neg**					
		KK	fecal	1321	9-Jun-07							neg					
		KK	**fecal**	**1414**	**9-May-08**		**141/173**	**200/200**	**182/190**	**268/302**		**neg**					
		KK	fecal	847	na							neg					
		KK	**fecal**	**1429**	**na**		**141/173**	**200/200**	**182/190**	**268/302**		**neg**					
Ch-059	M	**MT**	**fecal**	**287**	**20-Aug-03**	**11**	**141/141**	**196/235**	**186/190**	**298/306**		**neg**					DOB (2-Jul-89)*
		MT	fecal	481	25-Mar-04							neg					
		MT	fecal	482	6-Apr-04							neg					
		MT	fecal	483	8-Jun-04							neg					
		MT	fecal	484	15-Jun-04							neg					
		MT	fecal	485	24-Jun-04							neg					
		MT	fecal	619	18-Jul-04							neg					
		MT	fecal	1058	18-Dec-04							neg					
		MT	**fecal**	**766**	**11-Jan-05**	**11**	**141/141**	**196/235**	**186/190**	**298/306**		**neg**					
		MT	fecal	852	19-May-05							neg					
		MT	fecal	854	28-Aug-05							neg					
		MT	fecal	855	9-Sep-05							neg					
		MT	**fecal**	**830**	**4-Oct-05**	**11**	**141/141**	**196/235**	**186/190**	**298/306**		**neg**					
		MT	fecal	1059	20-Feb-06							neg					
		MT	**fecal**	**1200**	**7-Apr-07**		**141/141**	**196/235**	**186/190**	**298/306**		**neg**					
		MT	fecal	1216	2-Aug-07							neg					
		MT	**fecal**	**1495**	**17-Jul-08**		**141/141**	**196/235**	**186/190**	**298/306**		**neg**					
		MT	**fecal**	**1494**	**10-Nov-08**		**141/141**	**196/235**	**186/190**	**298/306**		**neg**					
Ch-060	M	**KK**	**fecal**	**216**	**21-Aug-02**	**11**	**141/161**	**196/231**	**190/190**	**290/302**		**neg**	**neg**				DOB (7-Mar-01)
		KK	fecal	691	22-Jul-04							neg					
		KK	fecal	692	13-Aug-04							neg					
		KK	**fecal**	**748**	**9-May-05**	**11**	**141/161**	**196/231**	**190/190**	**290/302**		**neg**					
		KK	**fecal**	**864**	**15-Oct-05**	**11**	**141/161**	**196/231**	**190/190**	**290/302**		**neg**					
		KK	fecal	1121	4-Jul-06							neg					
		KK	fecal	1122	7-Oct-06							neg					
		KK	**fecal**	**1169**	**15-Feb-07**		**141/161**	**196/231**	**190/190**	**290/302**		**neg**					
		KK	fecal	1317	9-Jun-07							neg					
		KK	fecal	1318	17-Jan-08							neg					
		KK	**fecal**	**1395**	**10-May-08**		**141/161**	**196/231**	**190/190**	**290/302**		**neg**					
Ch-061	F	**KK**	**fecal**	**220**	**3-Aug-02**	**3**	**141/141**	**196/204**	**182/186**	**290/306**		**neg**	**neg**				DOB (12-Nov-99)
		KK	fecal	709	15-Aug-04							neg					
		KK	**fecal**	**750**	**15-Jan-05**		**141/141**	**196/204**	**182/186**	**290/306**		**neg**					
		KK	fecal	820	13-Aug-05							neg					
		KK	fecal	1038	21-Jan-06							neg					
		KK	**fecal**	**1039**	**25-Mar-06**		**141/141**	**196/204**	**182/186**	**290/306**		**neg**					
		KK	**fecal**	**1421**	**13-Jan-08**		**141/141**	**196/204**	**182/186**	**290/306**		**neg**					
		KK	**fecal**	**1459**	**17-Oct-08**		**141/141**	**196/204**	**182/186**	**290/306**		**neg**					
		KK	**fecal**	**1478**	**25-Oct-08**		**141/141**	**196/204**	**182/186**	**290/306**		**neg**					
Ch-062	M	**KK**	**fecal**	**224**	**5-Aug-02**	**11**	**141/141**	**200/231**	**182/186**	**286/286**		**pos**	**neg**				DOB (18-Oct-00)
																	DLS (13-Jun-04)
Ch-063	M	**MT**	**fecal**	**605**	**23-Jul-04**		**161/173**	**200/204**	**182/190**	**294/298**		**neg**					DOB (28-Mar-98)
		MT	fecal	824	21-Aug-05							neg					
		MT	fecal	1044	30-Jan-06							neg					
		MT	**fecal**	**1045**	**29-Mar-06**		**161/173**	**200/204**	**182/190**	**294/298**		**neg**					
		MT	**fecal**	**1336**	**5-May-08**		**161/173**	**200/204**	**182/190**	**294/298**		**neg**					
		MT	**fecal**	**1466**	**28-Aug-08**	**2**	**161/173**	**200/204**	**182/190**	**294/298**		**neg**					
		MT	**fecal**	**1437**	**19-Nov-08**		**161/173**	**200/204**	**182/190**	**294/298**		**neg**					

Individual[1]	Sex[2]	Comm-unity[3]	Sample type	Sample Code	Collection Date[4]	mtDNA haplotype[5]	Microsatellite Loci[6] D18s536	D4s243	D10s676	D9s922	urine WB[7]	fecal WB	fecal vRNA[8]	GenBank accession numbers[9] *pol*	gp41/*nef*	SIVcpz Strain	Birth and Death Dates with Immigration Notes[10]
Ch-064	F	KL	fecal	39	11-Nov-01	13	141/161	200/204	182/190	298/302		pos	pos	DQ374657	DQ374657	TAN2	DOB unknown
		KL	fecal	229	17-Mar-02	13	141/161	200/204	182/190	298/302		pos	neg				
		KL	fecal	281	24-Dec-02	13	141/161	200/204	182/190	298/302		pos	neg				
		KL	fecal	274	20-Jan-03	13	141/161	200/204	182/190	298/302		pos	neg				
		KL	fecal	257	24-Jan-03	13	141/161	200/204	182/190	298/302		pos	neg				
		KL	fecal	273	24-Jan-03	13	141/161	200/204	182/190	298/302		pos	neg				
		KL	fecal	297	29-Jul-03	13	141/161	200/204	182/190	298/302		pos	neg				
		KL	fecal	228	28-Aug-03	13	141/161	200/204	182/190	298/302		pos	neg				
		KL	fecal	308	26-Sep-03	13	141/161	200/204	182/190	298/302		pos	neg				
		KL	fecal	301	9-Oct-03	13	141/161	200/204	182/190	298/302		pos	pos (*pol*)				
		KL	fecal	365	30-Jan-04	13	141/161	200/204	182/190	298/302		pos	neg				
		KL	fecal	368	10-Feb-04	13	141/161	200/204	182/190	298/302		pos	neg				
		KL	fecal	529	28-Jul-04	13	141/161	200/204	182/190	298/302		pos	pos (*pol*)				
		KL	fecal	536	4-Aug-04	13	141/161	200/204	182/190	298/302		pos	neg				
		KL	fecal	546	13-Aug-04	13	141/161	200/204	182/190	298/302		pos	pos (*pol*)				
		KL	fecal	547B	13-Aug-04	13	141/161	200/204	182/190	298/302		pos	pos (*pol*)				
		KL	fecal	568	14-Sep-04	13	141/161	200/204	182/190	298/302		pos	pos (*pol*)				
		KL	fecal	569	14-Sep-04	13	141/161	200/204	182/190	298/302		pos	pos (*pol*)				
		KL	fecal	570	14-Sep-04	13	141/161	200/204	182/190	298/302		pos	pos (*pol*)				
		KL	fecal	579	4-Oct-04	13	141/161	200/204	182/190	298/302		pos	neg				
		KL	fecal	580	4-Oct-04	13	141/161	200/204	182/190	298/302		pos	pos (*pol*)				
		KL	fecal	601	8-Dec-04	13	141/161	200/204	182/190	298/302		pos	neg				
		KL	fecal	918	20-Dec-04	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	769	12-Mar-05	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	770	12-Mar-05	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	771	12-Mar-05	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	773	21-Mar-05	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	774	23-Mar-05	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	775	23-Mar-05	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	777	29-Mar-05	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	778	29-Mar-05	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	870	17-Jun-05	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	874	17-Jun-05	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	880	24-Jul-05	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	888	13-Aug-05	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	890	13-Aug-05	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	914	3-Nov-05	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	935	5-Feb-06	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	947	3-Apr-06	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	945	13-May-06	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	1129	6-Jun-06	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	1130	6-Jun-06	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	1134	16-Jul-06	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	1135	22-Jul-06	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	1136	22-Jul-06	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	1148	1-Aug-06	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	1149	1-Aug-06	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	1143	13-Aug-06	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	1146	29-Aug-06	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	1288	9-Jul-07		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1405	9-Jul-07	13	141/161	200/204	182/190	298/302		pos					
		KL	fecal	1287	8-Aug-07		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1298	18-Aug-07		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1289	9-Sep-07		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1291	9-Sep-07		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1292	9-Sep-07		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1301	23-Sep-07		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1302	23-Sep-07		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1280	6-Dec-07		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1281	6-Dec-07		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1376	9-Jun-08		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1481	29-Jul-08		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1523	29-Jul-08		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1526	9-Aug-08		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1433	11-Aug-08		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1530	11-Aug-08		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1441	1-Sep-08		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1469	17-Sep-08		141/161	200/204	182/190	298/302		pos					
		KL	fecal	1532	17-Sep-08		141/161	200/204	182/190	298/302		pos					
		KL	fecal	283	na	13	141/161	200/204	182/190	298/302		pos	neg				
Ch-065	M	**MT**	**fecal**	**125**	**3-Mar-02**	**6**	**141/141**	**231/235**	**190/190**	**302/306**			**neg**				DOB (23-Jul-97)
		MT	fecal	136	1-May-02							neg					
		MT	fecal	267	20-Jan-03							neg	neg				
		MT	urine	u212	27-Jan-03						neg						
		MT	fecal	488	3-May-04							neg					
		MT	fecal	489	3-May-04	6	141/141	231/235				neg					
		MT	fecal	490	21-Jun-04							neg					
		MT	fecal	491	22-Jun-04							neg					
		MT	fecal	633	24-Jul-04	6	141/141					neg					
		MT	fecal	1062	20-Dec-04	6						neg					
		MT	**fecal**	**841**	**13-Oct-05**	**6**	**141/141**	**231/235**	**190/190**	**302/306**		**neg**					
		MT	**fecal**	**1063**	**7-Mar-06**	**6**	**141/141**	**231/235**	**190/190**	**302/306**		**neg**					
		MT	**fecal**	**1199**	**5-Apr-07**		**141/141**	**231/235**	**190/190**	**302/306**		**neg**					
		MT	fecal	1236	11-Sep-07							neg					
		MT	fecal	1235	10-Oct-07							neg					
		MT	**fecal**	**1419**	**22-Feb-08**		**141/141**	**231/235**	**190/190**	**302/306**		**neg**					

Individual[1]	Sex[2]	Comm-unity[3]	Sample type	Sample Code	Collection Date[4]	mtDNA haplotype[5]	Microsatellite Loci[6] D18s536	D4s243	D10s676	D9s922	urine WB[7]	fecal WB	fecal vRNA[8]	GenBank accession numbers[9] *pol*	gp41/*nef*	SIVcpz Strain	Birth and Death Dates with Immigration Notes[10]
Ch-065		MT	fecal	1384	8-May-08		141/141	231/235	190/190	302/306		neg					
(Con't)		MT	fecal	1504	13-Nov-08		141/141	231/235	190/190	302/306		neg					
Ch-066	F	MT	fecal	135	8-May-02	1	161/177	200/235	182/190	306/306		neg	neg				DOB (2-Jul-84)*
		MT	urine	u254	16-May-02						neg						First arrived in MT (20-Jul-94)
		MT	fecal	264	10-Jan-03	1						neg	neg				
		MT	urine	u605	16-Jan-03						neg						
		MT	urine	u553	21-Jan-03						neg						
		MT	urine	u571	29-Jan-03						neg						
		MT	fecal	355	23-Aug-03	1	161/177		182/190			neg					
		MT	fecal	500	27-Apr-04	1	161/177					neg					
		MT	fecal	501	14-Jun-04							neg					
		MT	fecal	657	27-Jul-04	1	161/177	200/235	182/190			neg					
		MT	fecal	1069	30-Dec-04							neg					
		MT	fecal	833	25-Aug-05	1	161/177	200/235	182/190	306/306		neg					
		MT	fecal	832	28-Aug-05	1	161/177	200/235	182/190	306/306		neg					
		MT	fecal	1067	10-Dec-05							neg					
		MT	fecal	1068	8-Feb-06							neg					
		MT	fecal	1070	30-May-06							neg					
		MT	fecal	1108	9-Jun-06							neg					
		MT	fecal	1193	31-Mar-07	1	161/177	200/235	182/190	306/306		neg					
		MT	fecal	1282	7-May-07		161/177	200/235	182/190	306/306		neg					
		MT	fecal	1423	5-Aug-07		161/177	200/235	182/190	306/306		neg					
		MT	fecal	1251	25-Jan-08							neg					
		MT	fecal	1402	22-Feb-08		161/177	200/235	182/190	306/306		neg					
		MT	fecal	1344	10-Jul-08	1	161/177	200/235	182/190	306/306		neg					
		MT	fecal	1510	18-Aug-08		161/177	200/235	182/190	306/306		neg					
		MT	fecal	1511	21-Oct-08		161/177	200/235	182/190	306/306		neg					
		MT	fecal	1454	5-Nov-08		161/177	200/235	182/190	306/306		neg					
		MT	fecal	1449	3-Dec-08		161/177	200/235	182/190	306/306		neg					
Ch-067	M	MT	fecal	211	5-Aug-02	1	141/161	196/200	182/190	302/302		neg	neg				DOB (30-Dec-00)
		MT	fecal	762	1-Mar-05	1	141/161	196/200	182/190	302/302		neg					
		MT	fecal	1066	24-Jan-06	1	141/161	196/200	182/190	302/302		neg					
		MT	fecal	1071	20-Mar-06		141/161	196/200	182/190	302/302		neg					
		MT	fecal	1383	6-Mar-08		141/161	196/200	182/190	302/302		neg					
Ch-068	M	MT	fecal	214	10-Aug-02	6	141/161	200/235	182/194	268/306		neg	neg				DOB (2-Nov-01)
		MT	fecal	487	23-Jun-04		141/161	200/235	182/194	268/306		neg					
		MT	fecal	625	17-Jul-04	6	141/161	200/235	182/194	268/306		neg					
		MT	fecal	759	17-Jan-05	6	141/161	200/235	182/194	268/306		neg					
		MT	fecal	1061	6-Mar-06		141/161	200/235	182/194	268/306		neg					
		MT	fecal	1224	20-Apr-07		141/161	200/235	182/194	268/306		neg					
		MT	fecal	1223	9-Oct-07		141/161	200/235	182/194	268/306		neg					
		MT	fecal	1225	23-Jan-08		141/161	200/235	182/194	268/306		neg					
		MT	fecal	1397	21-Feb-08		141/161	200/235	182/194	268/306		neg					
		MT	fecal	1380	21-Jun-08		141/161	200/235	182/194	268/306		pos					
		MT	fecal	1499	11-Aug-08		141/161	200/235	182/194	268/306		neg					
		MT	fecal	1485	23-Oct-08		141/161	200/235	182/194	268/306		neg					
		MT	fecal	1473	13-Nov-08		141/161	200/235	182/194	268/306		neg					
Ch-069	M	MT	fecal	223	24-Aug-02	11	141/173	196/235	186/190	268/298		neg	neg				DOB (9-Nov-96)
		MT	fecal	486	5-May-04	11	141/173	196/235	186/190	268/298		neg					DOD (17-Jan-05)
		MT	fecal	1057	29-Dec-04		141/173	196/235	186/190	268/298		neg					
Ch-070	F	KL	fecal	239	13-Mar-02	2	141/141	200/204	182/190	268/302		pos	pos	*AY181989*		TAN4	DOB unknown
Ch-071	F	KL	fecal	242	22-Jun-02	10	141/173	196/196	190/190	290/302		pos	pos		*AY181993*	TAN5	DOB (2-Jul-92)*
		KL	fecal	298	17-Aug-03	10	141/173	196/196	190/190	290/302		pos					First arrived in KK (15-Feb-05)
		KL	fecal	367	1-Jun-04	10	141/173	196/196	190/190	290/302		pos	neg				
		KL	fecal	597	28-Nov-04	10	141/173	196/196	190/190	290/302		pos	neg				
		KK	fecal	734	1-Mar-05	10	141/173	196/196	190/190	290/302		pos	pos	FJ895394		TAN5	
		KK	fecal	989	22-Jan-06	10	141/173	196/196	190/190	290/302		pos	pos		FJ895382	TAN5	
		KK	fecal	1167	12-Feb-07		141/173	196/196	190/190	290/302		pos					
		KK	fecal	1323	7-Apr-07		141/173	196/196	190/190	290/302		pos					
		KK	fecal	1399	9-May-08		141/173	196/196	190/190	290/302		pos					
		KK	fecal	1508	15-Oct-08		141/173	196/196	190/190	290/302		pos					
Ch-072	M	KK	fecal	1014	25-Mar-06	5	153/157	200/235	182/190	298/302		neg					DOB (25-Aug-04)
																	DOD (18-Nov-06)
Ch-073	F	KK	fecal	673	31-Jul-04	5	141/173	204/231	186/194	302/302		neg					DOB (17-Jun-01)
		KK	fecal	807	10-Jun-05	5	141/173	204/231	186/194	302/302		neg					
		KK	fecal	1013	17-Jan-06		141/173	204/231	186/194	302/302		neg					
		KK	fecal	1011	26-Jan-06							neg					
		KK	fecal	1155	6-Feb-07		141/173	204/231	186/194	302/302		neg					
		KK	fecal	1307	25-Jan-08							neg					
		KK	fecal	1438	17-Oct-08		141/173	204/231	186/194	302/302		neg					
Ch-075	M	MT	fecal	761	17-Apr-05	1	141/161	200/235	182/182	302/306		neg					DOB (30-Apr-01)
		MT	fecal	1247	2-Aug-07		141/161	200/235	182/182	302/306		neg					
		MT	fecal	1249	25-Jan-08		141/161	200/235	182/182	302/306		neg					
		MT	fecal	1411	26-Feb-08		141/161	200/235	182/182	302/306		neg					
Ch-076	F	MT	fecal	1074	31-Jan-06	10		200/204	182/182			neg					DOB (2-Jul-86)*
		MT	fecal	1261	1-Jun-07		141/153	200/204	182/182	268/302		neg					First arrived in MT (28-May-01)
		MT	fecal	1262	1-Oct-07							neg					
		MT	fecal	1264	25-Jan-08		141/153	200/204	182/182	268/302		neg					
		MT	fecal	278	na	10	141/153	200/204	182/182			neg					
Ch-077	M	KK	fecal	797	6-Jun-05	1	141/161	204/204	182/186	286/294		neg					DOB (15-Jan-04)
		KK	fecal	1104	1-Jul-06	1	141/161	204/204	182/186	286/294		neg					
		KK	fecal	1366	19-Aug-06	1	141/161	204/204	182/186	286/294		neg					
		KK	fecal	1241	25-Jun-07		141/161	204/204	182/186	286/294		neg					
Ch-078	F	KK	fecal	115	15-Dec-01		141/153	204/204	186/186	286/298		neg	neg				DOB (2-Jul-88)*
		KK	fecal	120	17-Dec-01	12	141/153	204/204	186/186	286/298			neg				First arrived in KK (1-Dec-01)
		KK	fecal	180	28-Apr-02	12	141/153	204/204	186/186	286/298		neg					

Individual[1]	Sex[2]	Comm-unity[3]	Sample type	Sample Code	Collection Date[4]	mtDNA haplotype[5]	Microsatellite Loci[6] D18s536	D4s243	D10s676	D9s922	urine WB[7]	fecal WB	fecal vRNA[8]	GenBank accession numbers[9] *pol*	gp41/*nef*	SIVcpz Strain	Birth and Death Dates with Immigration Notes[10]
Ch-078 (Con't)		KK	fecal	193	29-Apr-02	12	141/153	204/204	186/186	286/298		neg					
		KK	fecal	204	15-May-02	12	141/153	204/204	186/186	286/298		neg					
		KK	fecal	139	3-Jun-02	12	141/153	204/204	186/186	286/298		neg					
		KK	fecal	209	19-Jun-02	12	141/153	204/204	186/186	286/298		neg					
		KK	fecal	182	2-Aug-02	12	141/153	204/204	186/186	286/298		neg					
		KK	fecal	262	20-Nov-02	12	141/153	204/204	186/186	286/298		neg	neg				
		KK	fecal	259	6-Jan-03	12	141/153	204/204	186/186	286/298		neg	neg				
		KK	fecal	288	26-Aug-03	12	141/153	204/204	186/186	286/298		neg					
		KK	fecal	370	10-Jun-04	12	141/153	204/204	186/186	286/298		neg					
		KK	fecal	371	30-Jun-04	12	141/153	204/204	186/186	286/298		neg					
		KK	fecal	563	30-Aug-04	12	141/153	204/204	186/186	286/298		neg					
		KK	fecal	608	25-Sep-04	12	141/153	204/204	186/186	286/298		neg					
		KK	fecal	609	20-Nov-04	12	141/153	204/204	186/186	286/298		neg					
		KK	fecal	953	23-Dec-04							neg					
		KK	fecal	712	15-Feb-05	12	141/153	204/204	186/186	286/298		neg					
		KK	fecal	781	18-Aug-05							neg					
		KK	fecal	849	13-Oct-05							neg					
		KK	fecal	952	17-Feb-06		141/153	204/204	186/186	286/298		neg					
		KK	fecal	994	18-Feb-06		141/153	204/204	186/186	286/298		neg					
		KK	fecal	1428	26-Jun-07		141/153	204/204	186/186	286/298		neg					
		KK	fecal	1373	29-Jul-07		141/153	204/204	186/186	286/298		neg					
		KK	fecal	1389	22-Jun-08		141/153	204/204	186/186	286/298		neg					
Ch-079	F	KK	fecal	256	7-Nov-02	13	141/141	204/235	190/190	290/302		neg	neg				DOB (2-Jul-90)*
		KK	urine	u344	23-Apr-03						neg						First arrived in KK (2-Jul-02)
		KK	urine	u340	18-May-03						neg						
		KK	fecal	313	7-Sep-03	13	141/141	204/235	190/190	290/302		neg					
		KK	urine	u498	7-Sep-03						neg						
		KK	fecal	437	5-Jun-04							neg					
		KK	fecal	438	15-Jun-04							neg					
		KK	fecal	664	12-Dec-04	13	141/141	204/235	190/190	290/302		neg					
		KK	fecal	803	15-Jul-05	13	141/141	204/235	190/190	290/302		neg					
		KK	fecal	1002	20-Nov-05							neg					
		KK	fecal	1003	29-Jan-06							neg					
		KK	fecal	1004	13-Mar-06							neg					
		KK	fecal	1114	8-Jun-06							neg					
		KK	fecal	1115	13-Jul-06							neg					
		KK	fecal	1160	9-Feb-07	13	141/141	204/235	190/190	290/302		neg					
		KK	fecal	1272	9-Jan-08							neg					
		KK	fecal	1350	15-Jul-08		141/141	204/235	190/190	290/302		neg					
		KK	fecal	1476	21-Oct-08	13	141/141	204/235	190/190	290/302		neg					
		KK	fecal	1513	?/??/2008		141/141	204/235	190/190	290/302		neg					
Ch-080	F	MT	fecal	510	5-May-04	9	141/157	204/204	182/186	298/298		pos	neg				DOB (2-Jul-88)*
		MT	fecal	511	7-May-04	9	141/157	204/204	182/186	298/298		pos	neg				First arrived in KK (15-Feb-05)
		MT	fecal	512	16-May-04	9	141/157	204/204	182/186	298/298		pos	neg				
		MT	fecal	519	17-Jun-04	9	141/157	204/204	182/186	298/298		pos					
		MT	fecal	697	4-Jul-04	9	141/157	204/204	182/186	298/298		pos					
		MT	fecal	698	15-Jul-04	9	141/157	204/204	182/186	298/298		pos					
		MT	fecal	699	20-Jul-04	9	141/157	204/204	182/186	298/298		pos					
		MT	fecal	700	21-Jul-04	9	141/157	204/204	182/186	298/298		pos					
		KK	fecal	735	1-Mar-05	9	141/157	204/204	182/186	298/298		pos					
		KK	fecal	818	18-Aug-05							pos					
		KK	fecal	798	27-Aug-05	9	141/157	204/204	182/186	298/298		pos					
		KK	fecal	865	24-Oct-05	9	141/157	204/204	182/186	298/298		pos					
		KK	fecal	1124	2-Oct-06	9	141/157	204/204	182/186	298/298		pos	pos	FJ895393	FJ895381	TAN13	
		KK	fecal	1489	9-Oct-08		141/157	204/204	182/186	298/298		pos					
Ch-082	F	KL	fecal	244	7-Aug-02	1	141/141	204/204	186/190	302/306		pos	neg				DOB unknown
		KL	fecal	234	22-Aug-02	1	141/141	204/204	186/190	302/306		pos	pos	FJ895402		TAN19	
Ch-089	F	KL	fecal	237	15-Aug-02	3	141/177	204/235	182/182	294/298		neg	neg				DOB unknown
		KL	fecal	170	23-Aug-02	3	141/177	204/235	182/182	294/298		neg	neg				
		KL	fecal	240	23-Aug-02	3	141/177	204/235	182/182	294/298		neg	neg				
		KL	fecal	882	25-Jul-05	3	141/177	204/235				pos					
		KL	fecal	944	26-Apr-06	3	141/177	204/235	182/182	294/298		pos	pos	FJ895396		TAN18	
		KL	fecal	1303	25-Apr-07		141/177	204/235	182/182	294/298		pos					
		KL	fecal	1277	6-Aug-07		141/177	204/235	182/182	294/298		pos					
Ch-090	M	KK	fecal	1170	16-Feb-07	12	141/141	204/231	186/190	290/298		neg					DOB (20-Nov-05)
		KK	fecal	1457	4-Dec-08		141/141	204/231	186/190	290/298		neg					
Ch-094	F	MT	fecal	1333	25-May-08	12	157/173	231/235	186/190	302/302		neg					DOB (31-Mar-06)
		MT	fecal	1474	24-Nov-08		157/173	231/235	186/190	302/302		neg					
Ch-096	F	MT	fecal	353	1-Oct-03		153/161	200/200	182/182	268/298		neg					DOB (2-Jul-97)*
		MT	fecal	509	11-Jun-04	10						neg					
		MT	fecal	672	17-Jul-04	10	153/161					neg					
		MT	fecal	1082	24-Nov-05	10	153/161	200/200	182/182	268/298		neg					
		MT	fecal	1276	9-Sep-07		153/161	200/200	182/182	268/298		neg					
		MT	fecal	1407	14-Jul-08		153/161	200/200	182/182	268/298		neg					
		MT	fecal	1482	18-Oct-08		153/161	200/200	182/182	268/298		neg					
		MT	fecal	1461	22-Nov-08		153/161	200/200	182/182	268/298		neg					
Ch-097	F	KK	fecal	1188	23-Mar-07	7	141/161	204/235	182/182	302/302		neg					DOB (14-Dec-05)
		KK	fecal	1196	4-Apr-07	7	141/161	204/235	182/182	302/302		neg					
		KK	fecal	1415	13-Mar-08		141/161	204/235	182/182	302/302		neg					
		KK	fecal	1347	7-Apr-08		141/161	204/235	182/182	302/302		neg					
		KK	fecal	1468	21-Nov-08		141/161	204/235	182/182	302/302		neg					
Ch-098	F	KL	fecal	249	14-Jun-02	8	141/157	235/235	182/190	298/302		neg	neg				DOB (2-Jul-91)*
		KL	fecal	250	14-Jun-02	8	141/157	235/235	182/190	298/302		neg	neg				First arrived in MT (8-Jun-04)
		KL	fecal	235	26-Jun-02	8	141/157	235/235	182/190	298/302		neg	neg				
		KL	fecal	318	29-Mar-03	8	141/157	235/235	182/190	298/302		neg	neg				
		KL	fecal	321	30-Apr-03	8	141/157	235/235	182/190	298/302		neg					

Individual[1]	Sex[2]	Comm-unity[3]	Sample type	Sample Code	Collection Date[4]	mtDNA haplotype[5]	Microsatellite Loci[6] D18s536	D4s243	D10s676	D9s922	urine WB[7]	fecal WB	fecal vRNA[8]	GenBank accession numbers[9] *pol*	gp41/*nef*	SIVcpz Strain	Birth and Death Dates with Immigration Notes[10]
Ch-098 (Con't)		KL	fecal	323	30-Apr-03	8	141/157	235/235	182/190	298/302		neg					
		KK	fecal	765	21-Mar-05	8	141/157	235/235	182/190	298/302		neg					
		MT	fecal	764	8-Apr-05							neg					
		MT	fecal	836	21-Aug-05	8						neg					
		MT	fecal	835	2-Sep-05	8	141/157	235/235				neg					
		MT	fecal	837	18-Oct-05	8	141/157	235/235	182/190	298/302		neg					
		MT	fecal	1077	20-Mar-06	8	141/157	235/235	182/190	298/302		neg					
		MT	fecal	1076	23-May-06							neg					
		MT	fecal	1203	7-Apr-07	8	141/157	235/235	182/190	298/302		neg					
		MT	fecal	1266	13-Aug-07							neg					
		MT	fecal	1265	1-Oct-07							neg					
		MT	fecal	1267	24-Jan-08							neg					
		MT	fecal	1268	24-Jan-08		141/157	235/235	182/190	298/302		neg					
		MT	fecal	1349	8-Jun-08		141/157	235/235	182/190	298/302		neg					
Ch-099	F	KL	fecal	299	17-Aug-03	10	141/177	196/196	186/190	290/298		pos	neg				DOB (2-Jul-77)*
		KL	fecal	314	17-Aug-03	10	141/177	196/196	186/190	290/298		pos	neg				DOD (13-Nov-06)
		KL	fecal	316	21-Aug-03	10	141/177	196/196	186/190	290/298		pos	neg				First arrived in KK (15-Sep-03)
		KK	fecal	574	2-Oct-04	10	141/177	196/196	186/190	290/298		pos	pos (*pol*)				
		KK	fecal	575	2-Oct-04	10	141/177	196/196	186/190	290/298		pos	pos (*pol*)				
		KK	fecal	576	2-Oct-04	10	141/177	196/196	186/190	290/298		pos	pos (*pol*)				
		KK	fecal	959	23-Dec-04		141/177	196/196	186/190	290/298		pos					
		KK	fecal	715	11-May-05	10	141/177	196/196	186/190	290/298		pos					
		KK	fecal	783	12-Jul-05	10	141/177	196/196	186/190	290/298		pos	pos	FJ895395	FJ895383	TAN6	
		KK	fecal	853	25-Oct-05		141/177	196/196	186/190	290/298		pos					
		KK	fecal	958	15-Mar-06		141/177	196/196	186/190	290/298		pos					
Ch-100	M	KL	fecal	523	20-Jul-04	13	141/161	196/200	190/190	298/302		neg					DOB unknown
		KL	fecal	540	8-Aug-04	13	141/161	196/200	190/190	298/302		neg					
		KL	fecal	558	30-Aug-04	13	141/161	196/200	190/190	298/302		neg					
		KL	fecal	585	10-Oct-04	13	141/161	196/200	190/190	298/302		neg					
		KL	fecal	588	13-Oct-04	13	141/161	196/200	190/190	298/302		neg					
		KL	fecal	924	30-Dec-04		141/161	196/200	190/190	298/302		neg					
		KL	fecal	779	29-Mar-05		141/161	196/200	190/190	298/302		neg					
		KL	fecal	950	17-Nov-05		141/161	196/200	190/190	298/302		neg					
		KL	fecal	936	5-Feb-06		141/161	196/200	190/190	298/302		neg					
		KL	fecal	937	5-Feb-06		141/161	196/200	190/190	298/302		neg					
		KL	fecal	948	17-Apr-06		141/161	196/200	190/190	298/302		neg					
		KL	fecal	946	17-May-06		141/161	196/200	190/190	298/302		neg					
		KL	fecal	1144	13-Aug-06		141/161	196/200	190/190	298/302		neg					
		KL	fecal	1361	28-Jun-07	13	141/161	196/200	190/190	298/302		neg					
		KL	fecal	1278	6-Dec-07		141/161	196/200	190/190	298/302		pos					
		KL	fecal	1279	6-Dec-07		141/161	196/200	190/190	298/302		pos	pos		FJ895392	TAN21	
		KL	fecal	1487	17-Jul-08		141/161	196/200	190/190	298/302		pos					
		KL	fecal	1531	9-Aug-08		141/161	196/200	190/190	298/302		pos					
Ch-101	F	KK	fecal	374	26-Mar-04		161/177	196/196	190/190	290/302		neg					DOB (21-Apr-00)*
		KK	fecal	716	1-Mar-05	10	161/177	196/196	190/190	290/302		neg					First arrived in KK (15-Sep-03)
		KK	fecal	784	20-Aug-05	10	161/177	196/196	190/190	290/302		neg					
		KK	fecal	856	25-Oct-05	10	161/177	196/196	190/190	290/302		neg					
		KK	fecal	960	25-Mar-06	10	161/177	196/196	190/190	290/302		neg					
		KK	fecal	1444	14-Nov-08		161/177	196/196	190/190	290/302		neg					
Ch-102	F	KK	fecal	623	7-Nov-04	6	141/161	200/200	186/190	286/302		neg					DOB (18-Apr-04)
		KK	fecal	965	31-Mar-06	6	141/161	200/200	186/190	286/302		neg					
		KK	fecal	964	9-Apr-06	6	141/161	200/200	186/190	286/302		neg					
		KK	fecal	1154	5-Feb-07							neg					
		KK	fecal	1185	16-Mar-07		141/161	200/200	186/190	286/302		neg					
		KK	fecal	1221	6-Sep-07							neg					
		KK	fecal	1479	21-Oct-08		141/161	200/200	186/190	286/302		neg					
Ch-103	F	KK	fecal	1111	19-Sep-06	3	161/161	204/235	186/190	302/302		pos	neg				DOB (5-Feb-04)
		KK	fecal	1112	16-Oct-06	3	161/161	204/235	186/190	302/302		pos	neg				
Ch-104	F	KK	fecal	1094	14-Oct-06	11	153/157	196/200	182/182	290/302		neg					DOB (10-Jul-04)
		KK	fecal	1095	15-Oct-06	11	153/157	196/200	182/182	290/302		neg					DLS (2-Oct-07)
		KK	fecal	1212	22-Jul-07		153/157	196/200	182/182	290/302		neg					
Ch-105	F	KK	fecal	620	25-Sep-04	4	141/141	235/235	158/182	298/302		neg					DOB (2-Jul-92)*
		KK	fecal	785	22-Jun-05	4	141/141	235/235	158/182	298/302		neg					First arrived in KK (15-Sep-03)
		KK	fecal	961	15-Nov-05							neg					
		KK	fecal	962	19-Mar-06							neg					
		KK	fecal	963	21-May-06							neg					
		KK	fecal	1165	11-Feb-07		141/141	235/235	158/182	298/302		neg					
		KK	fecal	1220	16-Jun-07							neg					
		KK	fecal	1219	16-Jan-08							neg					
Ch-106	F	KL	fecal	1140	10-Aug-06	9	141/177	196/204	182/190			pos	pos	FJ895401		TAN20	DOB unknown
		KL	fecal	1425	5-Nov-07		141/177	196/204	182/190			pos					
		KL	fecal	901	na	9	141/177	196/204	182/190			pos	pos		FJ895390	TAN20	
Ch-108	F	KL	fecal	868	6-Jun-05		141/177	204/231	182/190	290/298		neg					DOB (2-Jul-91)*
		KL	fecal	881	25-Jul-05		141/177	204/231	182/190	290/298		neg					DLS (13-May-08)
		KK	fecal	1000	16-Mar-06	3	141/177	204/231	182/190	290/298		neg					First arrived in KK (25-Mar-06)
		KK	fecal	1090	26-Apr-06		141/177	204/231	182/190	290/298		neg					
		KK	fecal	1304	28-Aug-07		141/177	204/231	182/190	290/298		neg					
Ch-111	F	MT	fecal	1215	18-Jul-07		141/141	200/235	182/190	268/302		neg					DOB (13-Jun-04)
		MT	fecal	1332	9-Jun-08	11	141/141	200/235	182/190	268/302		neg					
		MT	fecal	1354	12-Jul-08		141/141	200/235	182/190	268/302		neg					
Ch-112	F	MT	fecal	1503	27-Jul-08	6	141/173	235/235	190/190	306/306		neg					DOB (7-May-05)
		MT	fecal	1231	na		141/173	235/235	190/190	306/306		neg					
Ch-113	M	MT	fecal	1254	23-Jan-08		153/161	200/204	182/182	268/268		neg					DOB (15-Dec-01)
		MT	fecal	1255	23-Jan-08		153/161	200/204	182/182	268/268		neg					
		MT	fecal	1382	15-Feb-08		153/161	200/204	182/182	268/268		neg					
		MT	fecal	1358	12-Jul-08	10	153/161	200/204	182/182	268/268		neg					

							Microsatellite Loci[6]							GenBank accession numbers[9]			
Individual[1]	Sex[2]	Comm-unity[3]	Sample type	Sample Code	Collection Date[4]	mtDNA haplotype[5]	D18s536	D4s243	D10s676	D9s922	urine WB[7]	fecal WB	fecal vRNA[8]	*pol*	gp41/*nef*	SIVcpz Strain	Birth and Death Dates with Immigration Notes[10]
Ch-114	F	**KK**	**fecal**	**1319**	**27-Jun-07**		**141/173**	**196/235**	**182/190**	**286/306**		**neg**					DOB (9-Sep-06)
		KK	**fecal**	**1516**	**8-Nov-08**	**11**	**141/173**	**196/235**	**182/190**	**286/306**		**neg**					
Ch-115	M	**KK**	**fecal**	**1327**	**17-May-07**	**3**	**141/161**	**204/204**	**186/192**	**302/306**		**neg**					DOB (16-Oct-05)
		KK	**fecal**	**1326**	**6-Sep-07**	**3**	**141/161**	**204/204**	**186/192**	**302/306**		**neg**					
		KK	**fecal**	**1521**	**19-Nov-08**	**3**	**141/161**	**204/204**	**186/192**	**302/306**		**neg**					
Ch-116	M	**KK**	**fecal**	**1488**	**24-Oct-08**	**5**	**141/157**	**196/231**	**190/190**	**286/298**		**neg**					DOB (9-Nov-06)
Ch-117	F	**KK**	**fecal**	**1417**	**10-Sep-07**	**11**	**153/161**	**204/204**	**186/190**	**286/298**		**neg**					DOB (4-Jun-05)

[1]Black, uninfected; red, infected.
[2]F, female; M, male.
[3]Community in which sample was collected: KK, Kasekela; MT, Mitumba; KL, Kalande.
[4]na, not available.
[5]Numbers indicate mtDNA haplotypes as previously reported[8].
[6]Fecal samples that were genotyped at a minimum of four microsatellite loci are shown in bold.
[7]pos, positive; neg, negative.
[8]FL, full-length genome sequence.
[9]Previously reported SIVcpz sequences are shown in italics[7, 32]
[10]DOB, date of birth (estimated DOBs[12] are denoted by asterisk), DOD, date of death; DLS, date last seen.

Supplementary Table 2. Horizontal transmission of SIVcpz

Individual	Sex[1]	Community[2]	Last SIVcpz negative sample	First SIVcpz positive sample	Age at infection (years)	Potential source of infection (sex)[3]	Observed matings[4]	Observed acts of aggression[5]
Ch-004	M	KK	5-Nov-05	12-Aug-06	13.3	Ch-036 (F)	none[6]	none
						Ch-021 (F)	none	none
						Ch-006 (M)	n/a	none
						Ch-052 (M)	n/a	none
							Ch-033 (22-Sep-05)	Ch-033 (12-Jun-06)
							Ch-022 (5-Sep-05)	
							Ch-022 (7-Oct-05)	
							Ch-022 (25-Jan-06)	
							Ch-022 (24-May-06)	
Ch-021	F	KK	5-Dec-04	11-May-05	15.9	Ch-052 (M)	none[7]	Ch-052 (6-Mar-05)[7]
						Ch-006 (M)	none	none
						Ch-004 (M)	none	none
						Ch-036 (F)	n/a	none
								UNF[8] (16-Feb-05)
								UNF[8] (2-Mar-05)
Ch-036	F	KK	10-Dec-04	15-Mar-06	22.7	Ch-006 (M)	Ch-006 (7-Feb-05)	none
							Ch-006 (11-Feb-05)	
							Ch-006 (19-Feb-05)	
							Ch-006 (25-Mar-05)	
							Ch-006 (29-Mar-05)	
							Ch-006 (23-Feb-06)	
						Ch-052 (M)	Ch-052 (7-Feb-05)	none
						Ch-004 (M)	none	none
						Ch-021 (F)	n/a	none
Ch-039	F	MT	15-Aug-02	27-Feb-04	11.7	Ch-045 (M)	Ch-045 (19-Jun-03)	Ch-045 (3-Dec-03)
							Ch-045 (20-Jun-03)	
							Ch-045 (29-Nov-03)	
						Ch-048 (M)	Ch-048 (19-Jun-03)	none
							Ch-048 (13-Jul-03)	
							Ch-048 (9-Sep-03)	
							Ch-048 (2-Dec-03)	
								Ch-080 (26-Jul-02)
Ch-048	M	MT	27-Jan-02	29-Oct-03	17.3	Ch-039 (F)	Ch-039 (19-Jun-03)	none
							Ch-039 (13-Jul-03)	
							Ch-039 (9-Sep-03)	
						Ch-045 (M)	n/a	none
Ch-052	M	KK	23-Dec-04	24-Oct-05	11.8	Ch-036 (F)	Ch-036 (7-Feb-05)	none
						Ch-021 (F)	none	Ch-021 (6-Mar-05)
						Ch-006 (M)	n/a	none
						Ch-004 (M)	n/a	none
							Ch-022 (18-Feb-05)	
							Ch-033 (9-Apr-05)	
							Ch-071 (11-Jul-05)	
							Ch-071 (20-Aug-05)	

[1]F, female; M, male.
[2]KK, Kasekela; MT, Mitumba.
[3]SIVcpz infected chimpanzees who could have served as transmitters based on phylogenetic analysis of viral sequences (Supplementary Fig. 2).
[4]Observed matings with SIVcpz infected chimpanzees prior to infection; n/a, not applicable.
[5]Observed acts of aggression with SIVcpz infected or unknown chimpanzees prior to infection.
[6]Ch-036 mated frequently with males other than Ch-004 during the infection window and is thus the most likely transmission source (note that not all matings are observed).
[7]Ch-021 likely acquired SIVcpz by aggression because she gave birth to an infant on 5-Feb-04 and was thus either pregnant or lactating during her window of infection.
[8]UNF, unknown female.

Supplementary Table 3. Suspected vertical transmission of SIVcpz

Individual	Date of Birth[1]	Sample Date	Age at Sampling (years)	SIVcpz infection[2]		Relationship
				fecal antibodies	fecal vRNA	
Ch-099	2-Jul-77*	17-Aug-03	26	pos	neg	mother[4]
		17-Aug-03	26	pos	neg	mother
		21-Aug-03	26	pos	neg	mother
		2-Oct-04	27	pos	pos	mother
		2-Oct-04	27	pos	pos	mother
		2-Oct-04	27	pos	pos	mother
		23-Dec-04	27	pos	nd	mother
		11-May-05	27	pos	nd	mother
		12-Jul-05	28	pos	pos	mother
		25-Oct-05	28	pos	nd	mother
		15-Mar-06	28	pos	nd	mother
Ch-071	2-Jul-92*	22-Jun-02	10	pos	pos	daughter[4]
		17-Aug-03	11	pos	nd	daughter
		1-Jun-04	11	pos	neg	daughter
		28-Nov-04	12	pos	neg	daughter
		1-Mar-05	12	pos	pos	daughter
		22-Jan-06	13	pos	pos	daughter
		12-Feb-07	14	pos	nd	daughter
		7-Apr-07	14	pos	nd	daughter
		9-May-08	15	pos	nd	daughter
		15-Oct-08	16	pos	nd	daughter
Ch-021	2-Jul-89*	18-Aug-02	13	neg	nd	mother
		6-Aug-03	14	neg	nd	mother
		29-May-04[3]	14	neg	nd	mother
		2-Dec-04[3]	15	neg	nd	mother
		5-Dec-04[3]	15	neg	nd	mother
		11-May-05	15	pos	pos	mother
		20-Nov-05	16	pos	nd	mother
		16-Mar-06	16	pos	nd	mother
		14-Oct-06	17	pos	pos	mother
		11-Feb-07	17	pos	nd	mother
		23-Oct-08	19	pos	nd	mother
Ch-103	5-Feb-04[3]	19-Sep-06	2.6	pos[5]	neg	daughter
		16-Oct-06	2.7	pos[5]	neg	daughter
Ch-033	2-Jul-85*	23-Oct-01	16	pos	neg	mother
		4-Jan-02	16	pos	neg	mother
		6-Sep-04	19	pos	nd	mother
		13-Dec-04	19	pos	nd	mother
		12-Jul-05	20	pos	pos	mother
		31-Jan-06	20	pos	nd	mother
		23-Feb-06	20	pos	nd	mother
		9-Aug-07	22	pos	nd	mother
Ch-062	18-Oct-00	5-Aug-02	1.8	pos[5]	neg	son

[1]Asterisks denote estimated birth dates[12].
[2]pos, positive; neg, negative; nd, not done.
[3]Ch-021 was SIVcpz negative for at least 10 months following the birth of Ch-103.
[4]Presumed mother/daughter pair.
[5]Western blot results may indicate the presence of maternal antibodies in the stool of nursing infants.

Supplementary Table 4. Infant mortality

Mother[1]	Mother's SIVcpz status at delivery[2]	Infant[3]	Infant sex[4]	Infant birth date	Infant SIVcpz status[5]	Infant age at death (years)
Ch-001	neg	Ch-077	M	15-Jan-04	neg	Alive[6]
Ch-002	neg	BB-002a	M	4-Apr-03	n/a	1.6
Ch-002	neg	Ch-097	F	14-Dec-05	neg	Alive
Ch-009	neg	Ch-102	F	18-Apr-04	neg	Alive
Ch-009	neg	BB-009a	F	14-Nov-07	n/a	Alive
Ch-011	neg	BB-011a	F	11-Oct-02	n/a	1.9
Ch-015	neg	BB-015a[7]	M	18-Jul-08	n/a	0.0
Ch-015	neg	BB-015b[7]	M	18-Jul-08	n/a	0.0
Ch-015	neg	BB-015c	M	28-Apr-06	n/a	0.4
Ch-019	neg	BB-019a	M	25-Feb-04	n/a	0.2
Ch-019	neg	Ch-117	F	4-Jun-05	neg	Alive
Ch-021	neg	Ch-103	F	5-Feb-04	pos	Alive
Ch-025	neg	Ch-073	F	17-Jun-01	neg	Alive
Ch-025	neg	Ch-116	M	9-Nov-06	neg	Alive
Ch-026	neg	BB-026a	na	11-Sep-07	n/a	0.1
Ch-028	neg	Ch-072	M	25-Aug-04	neg	2.2
Ch-031	neg	Ch-056	M	9-Jun-01	neg	Alive
Ch-032	neg	Ch-114	F	9-Sep-06	neg	Alive
Ch-036	pos	BB-036a	F	21-Mar-07	n/a	0.6
Ch-039	pos	BB-039a	n/a	15-May-07	n/a	0.0
Ch-041	neg	Ch-104	F	10-Jul-04	neg	3.2
Ch-042	neg	BB-042a	F	18-Nov-04	n/a	0.7
Ch-042	neg	BB-042b	M	3-Aug-06	n/a	Alive
Ch-044	neg	Ch-094	F	31-Mar-06	neg	Alive
Ch-046	neg	Ch-112	F	7-May-05	neg	Alive
Ch-047	neg	BB-047a	F	8-Jan-06	n/a	Alive
Ch-049	neg	Ch-111	F	13-Jun-04	neg	Alive
Ch-050	neg	Ch-115	M	16-Oct-05	neg	Alive
Ch-066	neg	BB-066a	M	15-Jul-07	neg	Alive
Ch-071	pos	BB-071a	M	5-Aug-07	n/a	0.1
Ch-076	neg	BB-076a	M	28-Jan-07	n/a	Alive
Ch-078	neg	Ch-090	M	20-Nov-05	neg	Alive
Ch-099	pos	BB-099a	F	21-Oct-05	n/a	0.99
Ch-105	neg	BB-105a	M	6-Sep-07	n/a	Alive

[1]Black, uninfected; red, SIVcpz infected.
[2]pos, positive; neg, negative.
[3]BB numbers denote unsampled infants who are not included in Supplementary Table 1.
[4]F, female; M, male.
[5]n/a, data not available.
[6]Alive at the end of the study period (31-Dec-08).
[7]Twins.

SUPPLEMENTARY MATERIALS AND METHODS

Chimpanzee demographic and behavioral data. Kasekela and Mitumba chimpanzees have been observed on a daily basis since the 1960s and 1980s, respectively[12,13,26]. Each day, a team of field assistants follows one "focal" individual from each community from dawn to dusk (Supplementary Fig. 1c). Behavioral data are recorded for this particular chimpanzee as well as other chimpanzees interacting with this individual. In addition, conspicuous interactions (e.g., mating or aggression) involving any member of the group are also recorded. The types of data collected include the incidence and timing of mating, aggression, grooming and nursing, as well as geographic location, group composition, and foraging behavior. Since March 2004, Kasekela and Mitumba chimpanzees have also been routinely monitored for baseline health data, with general body condition, skin abnormalities, wounds and sores, lameness, respiratory signs (e.g., coughing and sneezing), and gastrointestinal symptoms (e.g., stool consistency) recorded for focal individuals on a daily basis[30]. In addition, a team of veterinarians performs on-site necropsies and determines the cause of death for all chimpanzees who are found dead in the park.

Sample collection. Most Kasekela and Mitumba chimpanzees tolerate human observers at close distance which facilitates sample collection; however, a subset of apes, in particular infants, are more difficult to sample, thus resulting in less frequent analyses. Urine samples were collected by placing plastic bags under night nests and stored without preservatives[7]. Fecal samples (~20g) were collected under direct observation and placed into 50 ml tubes containing 20 ml of RNA*later* (Ambion, Austin, TX)[7]. Specimens were frozen on site, shipped at ambient temperatures, and stored at –80^{o}C upon receipt[7,8,31].

Non-invasive SIVcpz testing. Chimpanzee fecal and urine samples were examined for the presence of SIVcpz antibodies using an enhanced chemiluminescent Western blot assay as described[2,7,8]. A

subset of antibody positive fecal samples was also tested for the presence of SIVcpz sequences by reverse transcriptase polymerase chain reaction (RT-PCR) amplification of fecal RNA[7,8,31], using SIVcpz*Pts* specific *pol* and *env-nef* primers (Supplementary Table 1). cDNA was synthesized using the R1 primer, followed by nested PCR using primers F1/R1 and F2/R2. A ~890-bp *pol* fragment was amplified using PTS-*pol*-F1 (5'-GTTACCTGGGTACCTGAGTGGGA-3'), PTS-*pol*-R1 (5'-ACTACTGCCCCTTCACCTTTCC-3'), PTS-*pol*-F2 (5'-TTTTATGTAGATGGGGCAGC-3'), and PTS-*pol*-R2 (5'-CAATCCCCCCTTTTCTTTTAAAATTGTG-3'). A shorter ~500-bp *pol* fragment was amplified using PTS-*spol*-F1 (5'-TGGGTACCAGCMCATAAAGGYATAGG-3'), PTS-*pol*-R1, PTS-*spol*-F2 (5'-GARGACCATGAYAAATATCA-3'), and PTS-*pol*-R2. A ~780-bp *env/nef* fragment was amplified using PTS-*env/nef*-F1 (5'-ATTGGTTTGAYATAACACAATG-3'), PTS-*env/nef*-R1 (5'-CCCATCCAGTCCCCCCTTTTC-3'), PTS-*env/nef*-F2 (5'-CACAATGGCTRTGGTATATAA-3') and PTS-*env/nef*-R2 (5'-CTTTTCTTTTAARAACCATGACAG-3'). RT-PCR products were gel purified and sequenced directly[7,8]. For TAN17 (from Ch-030), only a 286 bp *env* (gp41 region) fragment was amplified due to a misaligned primer. All newly derived TAN sequences were submitted to GenBank and their accession numbers are listed in Supplementary Table 1.

Genotyping of fecal samples. Fecal DNA was extracted as described[7,8] and used to amplify a 498-bp mitochondrial (mt) genome fragment (D loop) for haplotype determination[8]. Fecal DNA was also used to amplify highly polymorphic microsatellite loci as well as a region of the amelogenin gene for sex determination (Supplementary Table 1)[8].

SIVcpz prevalence. The prevalence of SIVcpz infection in Kasekela and Mitumba was determined for each of the past nine calendar years (Fig. 1). For these analyses, individuals were considered SIVcpz positive if they had detectable antibodies in their urine or fecal samples (a positive Western blot is diagnostic for SIVcpz infection, except for nursing infants who may have breast-milk derived maternal antibodies in their stool). The proportion of SIVcpz infected apes was determined by dividing the

number of positive individuals by the total number of apes tested (Fig. 1b). Most chimpanzees were tested at least once every year (Fig. 1, Supplementary Table 1). If a chimpanzee was not sampled in a particular year, the individual was excluded from the analysis for that calendar year (e.g., Ch-036 in 2005); however, because SIVcpz causes a chronic life-long infection, it was possible to infer infection data for some of the missing time points. For example, Ch-006 was not sampled in 2006 and 2007, but known to be SIVcpz infected from prior analyses. Since this male was observed (and thus known to be alive) in January 2007, he was counted as SIVcpz infected in both 2006 and 2007 calendar years (indicated by asterisks in Fig. 1a). Similarly, Ch-012 tested SIVcpz negative in 2004, but was not sampled in 2005. Since this female tested negative again in 2006, she was counted as uninfected in 2005. Finally, Ch-098 immigrated to Mitumba in June 2004, but was first tested in that community in April 2005. Since several samples collected in Kalande in 2002 and 2003 were SIVcpz negative (see Supplementary Table 1), Ch-098 was counted as uninfected in 2004.

Phylogenetic analyses. To determine the evolutionary relationships of the newly derived Gombe viruses to previously characterized HIV-1 and SIVcpz strains, phylogenetic trees were constructed from available *pol* and *env-nef* sequences, including representatives of all major SIVcpz*Ptt*, SIVcpz*Pts*, SIVgor and HIV-1 (groups M, N and O) lineages. In all of these analyses, Gombe viruses formed a single monophyletic clade within the SIVcpz*Pts* radiation (not shown). For subsequent tree constructions, we thus selected two SIVcpz*Pts* strains (ANT and BF1167) from the Democratic Republic of Congo as outgroups (GenBank accession numbers: U42720 and FJ869116/FJ869117). Nucleotide sequences were aligned using CLUSTAL W[32]; sites that could not be aligned unambiguously were excluded. Trees were inferred by Bayesian[28] (Supplementary Fig. 2a and b) or maximum likelihood[33] (Supplementary Fig. 2c and d) methods, using a general time reversible model with gamma-distributed site-to-site rate variation and allowing for invariable sites (GTR+I+G)[34]. Posterior probabilities were calculated using MrBayes[28] with 10^6 generations (average standard deviations < 0.01) and 25% burn in.

To calculate the time to the most recent common ancestor (tMRCA) of the Gombe SIVcpz clade, alignments of *pol* and *env-nef* sequences of TAN1, TAN2, TAN3, TAN6, TAN8, TAN10, TAN11, TAN12, TAN13 and BF1167 were concatenated (total length 1,470 nt) and analyzed using programs from the BEAST package[35]. Due to the limited number and length of the Gombe sequences, we were unable to obtain a robust tMRCA estimate. We thus calculated the evolutionary rate of HIV-1 for the same concatenated region in a separate BEAST analysis. Using 37 group M sequences from the Los Alamos Subtype Reference Set and their sample times (in years) as priors in a relaxed clock model[36], we obtained a rate of 1.40×10^{-3} substitutions/site/year and a median HIV-1 group M tMRCA estimate of 94.7 years (95% Highest Probability Density interval [HPD]: 63.7-156.7) consistent with previous analyses[37,38]. Assuming that SIVcpz has evolved at a similar rate as HIV-1, we then used this rate as well as the sample dates for the different TAN viruses to estimate tMRCA of the Gombe clade. Four independent chains of 10^7 iterations were analyzed with each chain showing results consistent with others from the same set. Times to MRCA were determined from the combined runs (with 10% burn in) using Tracer version 1.4.1. This yielded a median date of 1851 for the Gombe tMRCA (95% HPD: 1730-1923).

Mortality analyses. To determine whether SIVcpz infection is associated with an increased mortality risk, we modeled chimpanzee death as a discrete event-history process[29,39]. We adopted this particular approach (with the "chimpanzee-year-of-observation" as the unit of analysis) because data were collected from a free-ranging population, and vital events and SIVcpz infection data were frequently interval censored. Vital events (i.e., death, birth) and the change of time-varying covariates (i.e., SIVcpz infection) were recorded for yearly intervals. Individuals who had disappeared were classified as dead based on previously reported criteria[15,16], and none of the deceased chimpanzees was a known victim of human poaching. Only vital events from known members of the Kasekela and Mitumba communities were included. The mortality hazard, which is a strict conditional probability for discrete models, was then estimated as a function of covariates using a binomial generalized linear model with

a complementary log-log link. This represents the discrete-time equivalent of the proportional hazards assumption in continuous time Cox regression models[29,40]. Exploration of age-effects using likelihood-based model selection criteria[41] revealed that a cubic specification of age provided the best model fit. Because sex has previously been shown to affect the death hazard in chimpanzees[15], we also included this parameter as a covariate. Two different event definitions were used. For a maximally conservative estimate, two fecal antibody positive but vRNA negative infants (Ch-062 and Ch-103) were classified as SIVcpz negative (i.e., assumed to have maternal antibodies in their stool), two incident infections (Ch-036 and Ch-039) were assumed to have occurred one year earlier (in 2005 and 2003, respectively; Fig. 1a and Supplementary Table 1), and two uninfected females who went missing for more than one year (Ch-038 and Ch-108) were counted as being dead. For a less stringent estimate, the two infants were assumed to be infected, the two incident infections were counted negative in the unsampled years, and the two missing females were censored, i.e. assumed to have migrated to Kalande or outside the park. Supplementary Table 5 lists the coefficients, hazard ratios, 95% confidence intervals (CI) for the hazard ratios (lower and upper), and *p*-values corresponding to the two event definitions.

Supplementary Table 5. SIVcpz associated mortality

Maximally conservative event definitions					
Variable	Coefficient	Hazard Ratio	Lower	Upper	*p*-value
Intercept	-2.34	0.10	0.02	0.59	0.011
age	-0.46	0.63	0.43	0.91	0.014
age^2	0.02	1.02	1.00	1.04	0.020
age^3	-0.0002	0.9998	0.9995	0.9999	0.057
male sex	0.40	1.50	0.56	4.05	0.424
SIVcpz pos	2.28	9.76	2.78	34.26	<0.0001
Less conservative event definitions					
Variable	Coefficient	Hazard Ratio	Lower	Upper	*p*-value
intercept	-2.86	0.06	0.01	0.39	0.003
age	-0.59	0.55	0.37	0.83	0.004
age^2	0.03	1.03	1.01	1.05	0.007
age^3	-0.0003	0.9997	0.9994	0.9999	0.022
male sex	0.69	1.99	0.68	5.88	0.211
SIVcpz pos	2.75	15.63	4.72	51.77	<0.0001

The results show that SIVcpz infection status has a strong and highly significant impact on the mortality hazard ($p<0.0001$). Under the maximally conservative event definitions, SIVcpz infection increased the hazard of dying by exp(2.28) = 9.76 times; under the less conservative model, the hazard increased by a similar factor of exp(2.75) = 15.63. 95% confidence intervals were wide due to the small sample size: For the maximally conservative approach, CI values were 2.8 and 34.3; for the less conservative approach, CI values were 4.7 and 51.8.

To put these results into perspective, we examined survival differences in a second SIV infected primate host. Vital data were obtained from 167 SIVsmm infected and 62 uninfected sooty mangabeys housed at the Yerkes Regional Primate Center. Like the Gombe chimpanzees, these sooty mangabeys were naturally infected; however, unlike the Gombe chimpanzees, the age at which they acquired SIVsmm was not determined. The absence of age-specific infection data precluded the need to analyze time-varying covariates. Moreover, there was no interval censoring since the sooty mangabeys were housed (and thus continuously observed) at a primate center. We thus employed a simple Cox proportional hazards regression model to examine potential survival differences, using only entry age and SIVsmm infection status as covariates[29,42]. The results showed a significantly negative effect of entry age on sooty mangabey mortality (Supplementary Table 6), i.e., adult sooty mangabeys had lower mortality rates than infants ($p<0.0001$); however, no such effect was seen for SIVsmm infection: although the coefficient on SIVsmm status was negative, this was not statistically significant ($p=0.55$).

Supplementary Table 6. SIVsmm associated mortality

Variable	Coefficient	Hazard Ratio	se(Coef)	z value	Pr(>|z|)
entry age	-0.125	0.882	0.0287	-4.346	<0.0001
SIVsmm pos	-0.157	0.855	0.2651	-0.593	0.55000

Fertility analyses. To determine the impact of SIVcpz infection on female fertility, we compared the number of births to infected versus uninfected females, counting a pair of twins as one birth. The fertility of female chimpanzees is influenced by several factors. Adolescent females experience a period of subfecundity[43,44], as do females who have recently immigrated from another community[45], and

females nursing a young infant experience lactational subfecundity until the infant is weaned[43,44]. To control for these factors, we compared births per female-years-at-risk for both infected and uninfected females, rather than simply comparing their total number of births. For each calendar year in which the infection status of the female was known, we determined whether she was at risk of giving birth based on long-term fertility data obtained for Gombe chimpanzees[43,44,46], using the minimum observed periods of adolescent sub-fecundity (min = 0.9 years; median = 2.5, n = 15 females), time between immigration and birth (min = 0.92 years; median = 2.66, n = 24 females), and inter-birth interval when the previous infant survived (min = 3.28 years; median = 5.51, n = 57 intervals). Thus, we considered nulliparous females who remained in their natal community to be at risk of birth if they had been showing full sexual cycles during which they mated with an adult male for at least one year before the midpoint of the year being scored. Likewise, we scored immigrant females without infants as being at risk if they had been in the community for at least one year before the mid-point of the year being scored. Finally, we scored females who had a previous surviving infant to be at risk if the previous infant was older than 3.28 years by the middle of the year being scored and the female had resumed sexual cycling by May 1 of that calendar year (given a gestation period of about 7.5 months, a female must have mated by May to produce an infant by the end of that calendar year). These measures are conservative, in that for each factor, the median interval was one to two years longer than the minimum interval. The results yielded 29 births per 90 years-at-risk for uninfected females, compared to 4 births per 30 years-at-risk for infected females, indicating that SIVcpz infected females were significantly less likely to give birth than uninfected females (Fisher's exact test: p=0.034; assuming that SIVcpz infection does not increase female fertility, a one-tailed test was used).

Infant mortality. All infants born between 2000 and 2008 to females of known SIVcpz infection status were scored as living or dying before one year of age. Four of four infants born to females who were SIVcpz positive at the time of delivery died before they reached 12 months of age, while 6 of 30 infants born to SIVcpz negative females died before their first birthday (Supplementary Table 4). Two of the

latter were twins, which generally have a higher mortality. The results showed that infants born to infected mothers had a significantly higher mortality rate than infants born to uninfected mothers (Fisher's exact test: $p<0.005$; assuming that SIVcpz infection does not increase infant survival, a one-tailed test was used).

Necropsy and tissue collection. Complete necropsies were performed using strict safety precautions. Ch-016 was necropsied within 15 hours of death; The bodies of the other four chimpanzees (Ch-036, Ch-045, Ch-069 and Ch-099) were recovered within 6 to 18 hours of death and frozen (-20^{o}C) for up to two months prior to necropsy. Sections of all tissues were fixed in 10% neutral buffered formalin, paraffin-embedded, cut at 3-5 mm, stained with hematoxylin and eosin, and evaluated by veterinary pathologists. Some tissue samples were also fixed in RNA*later*. Both gross and histopathological findings were used to determine the cause of death: Ch-016 died of conditions related to old age; Ch-036 died of an AIDS-like syndrome; Ch-045 died of traumatic injuries following conspecific (intra-group) aggression involving two other males; Ch-069 died of trauma induced vertebral subluxation (C6-7) and associated spinal cord injury; and Ch-099 died of trauma induced non-union fracture of a vertebra (T5) and associated myelomalacia. Due to the warm climate and different intervals between death and carcass retrieval, tissues exhibited varying degrees of autolysis, most notably in the gastrointestinal mucosa, which precluded quantitative immunohistochemistry in the gut; however, lymph node and spleen tissues were generally well preserved. For the initial histological evaluation, veterinary pathologists were blinded to the infection status of the deceased ape, except for Ch-045 whose status was known prior to necropsy. This was also true for the first evaluation of all immunohistochemically stained slides which were analyzed under code.

***In situ* hybridization, immunohistochemistry and quantitative image analysis**. SIVcpz specific *in situ* hybridization (ISH) was performed using SIVcpz anti-sense and control (sense) riboprobes. SIVcpz*Pts* specific probes were generated by amplifying *gag*, *pol*, *vif*, *env* and *nef* fragments from

TAN2 and TAN3 genomes[31]. Amplicons were cloned into the pCR-Blunt II-topo vector (Invitrogen), between SP6 and T7 promoters. These clones were linearized and transcribed with ^{35}S-labelled dUTP or dCTP to generate anti-sense and sense radio-labeled riboprobes depending on the orientation of the gene fragment and the promoter used. Transcripts were pooled (i.e. anti-sense fragments from all TAN2 and TAN3 clones) and ISH was performed as previously described[20,47]. Immunohistochemistry was performed on paraffin sections (3-5 μm). Tissue sections were deparaffinized and heat induced epitope retrieval performed using a pressure cooker decloaking chamber (Biocare Medical). Endogenous peroxidase was blocked using hydrogen peroxide (1.5% - 3%) in methanol or in TBS (pH 7.4). Slides were either stained manually or using the intelliPATH FLX autostaining system using a non-biotin polymer detection system (Super Enhancer, BioGenex or Biocare Medical). Primary antibodies were incubated for 30 minutes to 1 hour at room temperature, followed by incubation with a polymer based detection system according to manufacturer's recommendations. After washing, sections were developed with the chromagen 3,3'-diaminobenzidine (DAB; BioGenex or Vector Laboratories) for 5 minutes, counterstained with hematoxylin (BioGenex or Biocare Medical), and mounted in Permount (Fisher Scientific). Primary antibodies used were mouse monoclonal anti-CD3 (clone F7.2.38; Dako), rabbit anti-CD3 (Cat no. A0452; Dako), mouse monoclonal anti-CD4 (clone 1F6; Vector Labs), mouse monoclonal anti-CD20 (clone L26; Labvision) and mouse monoclonal anti-CD79a (clone HM47/A9; Biocare Medical). Masson's Trichrome staining was performed as previously reported[48]. Quantitative image analysis was performed on stained whole tissue sections scanned at high magnification (400x) using the ScanScope CS System (Aperio Technologies, Inc.) yielding high-resolution data from the entire stained tissue section. In order to determine CD4+ T cell levels within splenic white pulp, the periarteriolar lymphoid sheaths (PALS; splenic equivalent of the T cell zone of secondary lymph nodes) were manually extracted in Photoshop CS3 using the magnetic lasso tool from high magnification whole tissue images obtained from the Aperio ScanScope CS System. Individually isolated PALS were saved into separate files and the percent area that stained positive for CD4 was

determined using tools from Reindeer Graphics[21,48]. The frequencies of CD4+ cells were compared among individual chimpanzees, and between infected and uninfected chimpanzees, using analyses of variance. An F-test indicated highly significant differences among individuals ($p<0.001$). For the comparison of the three infected individuals with the two uninfected individuals, it was assumed that SIVcpz infection would not lead to an increased CD4+ T cell count, and so a one-tailed test was used; the F-test yielded a p value of 0.024, indicating significantly lower counts in the SIVcpz infected individuals. Similarly, t-tests between individuals, with Tukey's adjustment for multiple comparisons, were significant in all 10 pairwise tests ($p<0.05$).

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