



Figure S1

1 **Figure S1. Subspecies origin of chimpanzee fecal samples.** Mitochondrial DNA sequences
2 (a 479 bp D loop fragment) from 2,070 chimpanzee fecal specimens were grouped into unique
3 mtDNA haplotypes (Table S2) and then compared to subspecies specific reference sequences
4 by constructing a neighbor joining tree. Haplotypes from *Pan troglodytes* subspecies are color-
5 coded (blue: *P. t. schweinfurthii*; red: *P. t. troglodytes*; olive: *P. t. verus*; fucsia: *P. t. ellioti*). *Pan*
6 *paniscus* sequences are shown in green. Novel haplotypes are indicated in bold font. GenBank
7 accession numbers for previously published sequences are shown in black. Sites that could not
8 be unambiguously aligned were omitted from the analysis. Numbers at nodes indicate bootstrap
9 support $\geq 70\%$. The scale bar represents 0.01 substitutions/site.

Table S1. SIVcpz and pan-SIV specific primer sets

Gene	Round of nested PCR	Primer	Sequence (5' to 3') ²	Amplicon size (bp) ¹	Reference	
<i>gag</i>	1	CPZ-gag-F1	5'-AAAATCTCTAGCAGTGGCGCCCGAACA-3'	610	this study	
		CPZ-gag-R1a	5'-TCCCAVTCWGCTGCTCNCATTGAT-3'		this study	
	or					
	CPZ-gag-R1b	5'-TGCTCNCATTGATBACTTC-3'	this study			
	2	CPZ-gag-F2	5'-TAGRGGGAAGRDCAAGTCYCTAGG-3'		this study	
	CPZ-gag-R2	5'-GCWGARAASATWGGDATBACTTCTGG-3'	this study			
<i>pol(long)</i>	1	PTS-pol-F1	5'-TGCCAGGYHACHTGGRTACCWGADTGGGA-3'	950	this study	
		PTS-pol-R1	5'-ACTGCYCCTTCWCCTTTCCA-3'		this study	
		or				
	2	CPZ-pol-F1d	5'-TGGTGGHCWGABTAYTGGCA-3'		this study	
		CPZ-pol-R1c	5'-ACTGCHCCYTCWCCTTTCCACA-3'		this study	
		PTS-pol-F2	5'-TWYTATGTDGATGGRGCAGC-3'		this study	
		PTS-pol-R2	5'-CCCCAATCCCCCTTTTCTYTTAAAATTGTG-3'		this study	
		or				
		CPZ-pol-F2c	5'-GAAACHTWTTATGTWGATGGRGCAGC-3'		this study	
		CPZ-pol-R2	5'-CCAATYCCYCCYTTYKYTTAAAATT-3'		(78)	
<i>pol(mini)</i>	1	PTS-pol-F3	5'-GCAGTAAARGCRGCMGTGGTG-3'	280	this study	
		PTS-pol-R1	5'-ACTGCYCCTTCWCCTTTCCA-3'		this study	
		or				
	2	CPZ-pol-R1c	5'-ACTGCHCCYTCWCCTTTCCACA-3'		this study	
		CPZ-pol-F4	5'-AYAAYCCHCAAAGTCAAGGAGTRGT-3'		this study	
	CPZ-pol-R4	5'-TCCTTTCCAAATDGGRTCTCTGCTGTC-3'	this study			
<i>vpu</i>	1	PTS-rev-5F1	5'-GGRATYTCCTATGGCAGGAAGA-3'	330 or 550	this study	
		PTS-vpu-R	5'-GCAWANCCCTGSTGGAGCACA-3'		this study	
		or				
	2	PTS-rev-5F1a	5'-TCMTATGGCAGGAAGAGAAGAG -3'		this study	
		PTS-rev-5F2	5'-TCCTGTAYSAMAGYAGTAAGTA-3'			
		PTS-vpu-R1	5'-GGTGTYARYTTWACACA-3'			
	PTS-vpu-R2	5'-GCMTYTYTCCADAYDGGBACHCCATA-3'	this study			
<i>gp41(env)</i>	1	PTS-gp41-F1	5'-TTCTYAGYGCAGCWGGMAGTAC-3'	490	this study	
		PTS-gp41-R1	5'-ARRRGHDDATADCCCTGCCTAA-3'		this study	
	2	PTS-gp41-F2	5'-TACWATGGGCGCAGCGTCAMTAGCGCTG-3'		this study	
		PTS-gp41-R2	5'-CCAYAGCCAWTKWGTDATRTCAAACCA-3'		this study	
<i>gp41/nef</i>	1	PTS-gp41/nef-F1	5'-AAATGGAGCWSWYHTGGRAYTGGTTTGA-3'	880	this study	
		PTS-gp41/nef-R	5'-ACATCCASRTRTCYAGKATDGGCTGCTCT-3'		this study	
	2	PTS-gp41/nef-F2	5'-TGGTTTGAYATMACWMAWTGGCTRTGGTATAT-3'		this study	
		CPZ-gp41/nef-R1	5'-CCCHTCCAGTCCYCCCTTTTC-3'		this study	
		or				
	CPZ-gp41/nef-R2	5'-CAGTCCYCCCTTTTCTTTYAAAAA-3'	this study			
pan-SIV-IN	1	polis4	5'-CCAGCNCACAAAGGNATAGGAGG-3'	400	(44)	
		polOR	5'-ACBACYGCNCCTTCHCCTTTTC-3'			
	2	polis2	5'-TGGCARATRGAYTGYACNCAYNTRGAA-3'			
		uni2	5'-CCCCTATTCTCCCTTCTTTTAAAA-3'			

¹Amplicon size includes primer sequences.²Y=C/T, W=A/T, R=A/G, H=A/C/T, B=C/G/T, S=G/C, K=G/T, M=A/C, D=A/G/T, V=A/C/G, N=A/C/T/G.

Table S2. Mitochondrial DNA analysis of ape fecal samples

Haplotype ¹	Fecal samples with identical mtDNA haplotype ²	GenBank accession number
AM205	AM205, AM208, AM209, AM210, AM211, AM213, AM214, BA1279, BA1280, BA1282, BA1283, BA1284, BA1285, BA1286, BA1287, BA1734, BA1736, BA1737, BA1738, BA1739, BA1740	JQ866072
AM217	AM217, AM219, AM221, AM222, AM223, AM224, AM225, AM226, AM289, AM290, AM291, AM294, AM301, AM303, AM306, AM309	JQ866073
AM307	AM307	JQ866074
AZ2162	AZ2162, AZ2163, AZ2164, AZ2169, KA2172, KA2192, KA2218, KA2248	JQ866075
BA429	BA429	JQ866082
BA431	BA431	JQ866083
BA432	BA432, BA433	EU527410
BA604	BA604, BA606, BA607, BA608, BA610, BA611	JQ866084
BA612	BA612	JQ866085
BA619	BA619, BA620	JQ866086
BA621	BA621, BA622, BA623	JQ866087
BA774	BA774, BE1205, KA2260, KA2261	JQ866088
BA1016	BA1016, BA1017, BA1018, BA1032, BA1033, BA1036	JQ866076
BA1019	BA1019, BA1020, BA1021, BA1022, BA1023, BA1024, BA1025, BA1026, BA1027, BA1028, BA1029, BA1030, BA1031, BA1034, BA1035	JQ866077
BA1281	BA1281	JQ866078
BA1290	BA1290	JQ866079
BA2090	BA2090, BA2091, BA2092, BA2093, BA2094, BA2095, BA2096, BA2097, BA2098, BA2099, BA2100, BA2101, BA2102, BA2103, BA2104, BA2105, BA2106, BA2107, BA2108, BA2109, BA2110, BA2111, BA2112, BA2113, OP2929, OP2941, OP2942, OP2943	JQ866080
BA2511	BA2511, BA2512, BA2513, BA2514, BA2515, BA2516, BA2517, BA2518, BA2519, BA2520	JQ866081
BD2	AN1557, AN1559, AN1560, AN1561, AN1562, AN1563, AN1564, AN1565, AN1566, AN1567, AN1568, AN1569, AN1570, AN1571, AN1572, BL1775, BD1, BD2, BD3, BD4, BS837, BT1157, DL1616, DL1617, DL1618, DL1619, DL1620, EP741, EP744, EP745, EP746, EP752, EP755, IS0400, IS0403, KA2207, KA2208, MN2695, MA2403, MA2405, MA2406, MA2407, MA2409, MA2410, MA2411, MO2125, NI804, NI805, NI806, RU1089, RU1107, RU1110, RU1123, RU1125, WB696, WB698, WB699, WB700, WB701, WB709, WB710, WB711, WB712, WB714, WB1093, WB1113, WB1114, WB1116, WB1119, WB1129, WB1134, WB1135, WB2320	EU527391
BD5	BD5	EU527392
BD6	BD6	EU527427
BD8	BD8	EU527428
BD10	BD10	EU527393
BD12	BD12	EU527394
BD13	BD11, BD13, BD15, BD17	EU527395
BD14	BD14	EU527396
BD16	BD16	EU527429
BE950	BE950, BE953, BE954, BE955, BE956, BE959, BE961, BE963, BE964, BE966, BE967, BE970, BE971, BE972, BE973, BE974, BE976, BE977, BE978, BE983, BE984, UM987, UM993, UM995, UM997, UM998, UM1001, UM1005, UM1006, UM1007, UM1014	JQ866097
BE1173	BE1173, BE1174, BE1175	JQ866089
BE1186	BE1186	JQ866090
BE1191	BE1191, BE1192, BE1193, BE1261, BE1262, BE1263	JQ866091
BE1201	BE1201, BE1204	JQ866092
BE1203	BE1203, BI2413, BI2414, BI2425	JQ866093
BE1206	BE1206, BE1214	JQ866094
BE1207	BE1207	JQ866095
BE1256	BE1256, LU2067, LU2073, LU2074, LU2079	JQ866096
BF1167	BF1161, BF1162, BF1163, BF1164, BF1165, BF1166, BF1167, BF1168, BF1169, BF1170, BF1171, BF1172	EU527414
BF1358	BF1358, BF1359	JQ866098
BF1529	BF1529, BF1530, BF1531, BF1532, BF1533, BF1534, BF1535, BF1536, BF1537, BF1538, BF1539, BF1540, BF1541	JQ866099
BF1720	BF1720, BF1723	JQ866100
BF2397	BF2397, BF2398, BF2400, BF2401	JQ866101
BG1	BG1	JQ866102
BG2	BG2, BG20	JQ866105
BG3	BG3, BG13, BG16, BG18	JQ866106
BG4	BG4, BG14	JQ866107
BG6	BG6, BG12	JQ866108
BG7	BG7, BG9, BG10	JQ866109
BG11	BG11	JQ866103
BG15	BG15	JQ866104
BI248	BI248, BI249, BI252, BI253, BI259, BI260, BI262, BI265, BI266, BI267, BI268, BI274, BI278, BI283, BI284, GO427	JQ866111
BI2420	BI2420	JQ866110
BL1774	BL1774, BL1776, BL1781	JQ866112
BL1778	BL1778, BL1793, BL1798, BL1822	JQ866113
BL1779	BL1779, BL1780	JQ866114

BL1782	BL1782, BL1811	JQ866115
BL1783	BL1783, BL1785	JQ866116
BL1784	BL1784, BL1786, BL1787	JQ866117
BL1788	BL1788, BL1789, BL1790, BL1816, BL1818, BL1821	JQ866118
BL1791	BL1791, BL1792	JQ866119
BL1794	BL1794, KO2711, KO2712, KO2713, KO2714, KO2715	JQ866120
BL1796	BL1796, BL1797, BL1799, BL1800, BL1802	JQ866121
BL1803	BL1803, BL1813, BL1814, BL1817, BL1820, MO2115	JQ866122
BL1804	BL1804, BL1819, BS831, BS1614	JQ866123
BL1806	BL1806, BL1807	JQ866124
BL1808	BL1808	JQ866125
BL1809	BL1809, MO2129, MO2130, MO2131	JQ866126
BM1622	BM1622, BM1625, BM1626, BM1627, BM1628, BM1629, BM1630, BM1631, BM1632, BM1633, BM1634, BM1635, GI1, GI9, GI11, GI12, GI16, GI20, GI21, GI27, GI29, GI37, GI38, GI41, GI43, GI44, GI49	JQ866127
BM1741	BM1741, BM1742, BM1743, BM1744, BM1745, BM1746, BM1747, BM1749, BM1750, BM1751, BM1752, BM1753, BM1754, BM1755, BM1756, BM1757, BM1758, BM1759, BM1760, BM1761, BM1762, BM1763, BM1764, BM1765, BM1766, BM1767, BM1768, BM1769, BM1770, BM1771, BM1772	JQ866128
BS829	BS829	JQ866129
BS830	BS830, BS1611	JQ866130
BS833	BS833	JQ866131
BT1156	BT1156	JQ866132
BT1158	BT1158	JQ866133
BT1160	BT1160	JQ866134
BU203	BU203	HM068581
BW8	KY7, KY9, KY10	JQ812126
BW23	GI2, GI4, GI14, GI31, GI33, GI45, GI46, GI47	JQ812122
EP479	EP479, EP480, EP481, EP494, EP884, EP886, EP888, EP889	EU527412
EP486	BL1773, BS836, EP482, EP483, EP484, EP485, EP486, KS202, MO2118, MO2120	EU527416
EP487	EP487, EP488, EP727, EP763, EP772	JQ866138
EP489	EP489, EP490, MO2116, MO2124, NI802	JQ866139
EP492	EP492, EP750, EP762, EP885, EP890, EP920, WB2336, WB2340	JQ866140
EP726	EP726, EP732, EP733, EP756, EP757, EP758, EP771	JQ866141
EP737	EP737, EP742, EP759, EP760, EP761, EP893, EP894, EP895, EP896, EP897, EP899, EP900, EP902, EP903, EP1904, EP1905, EP1906, EP1907, EP1908	JQ866142
EP764	EP764	JQ866143
EP769	BS832, EP769, EP773	JQ866144
EP905	EP905	JQ866145
EP906	BL1812, EP906, EP907, EP908, EP909, EP910, EP911, EP912, EP913	JQ866146
EP915	EP915, EP917, EP918, EP919, EP922, EP923, EP925, EP926, EP927	JQ866147
EP1880	EP1880, EP1881, EP1882, EP1883, EP1884, EP1885, EP1887, EP1888	JQ866135
EP1889	EP1889, EP1895, EP1897, EP1899, EP1901, EP1903	JQ866136
EP1891	EP1891, EP1892, EP1893, EP1894, EP1898, EP1902	JQ866137
GI5	GI5, GI18, GI19, GI24, GI48	JQ866149
GI10	GI10, GI13, GI17, GI23, GI25	JQ866148
GM9	GI3, GI6, GI7, GI26	DQ370329
GO423	GO423	JQ866150
IJ2776	IJ2776	JQ866151
IS401	IS0401	JQ866152
IS404	IS0404	JQ866153
KA382	KA382	JQ866159
KA383	KA383	JQ866160
KA384	KA384	JQ866161
KA385	KA385, KA386	JQ866162
KA868	KA868, KA870, KA872	JQ866163
KA869	BE1202, KA869, KA873, LU1858, ON1302, ON1303, ON1318, ON1320, ON1321, ON1329, ON1332, ON1334, ON1335, ON1336, ON1337, ON1338, ON1340, ON1341, ON1344, ON1346, ON1347, ON1348, ON1355	JQ866164
KA2217	KA2217, KA2240	JQ866155
KA2221	BE1208, KA2166, KA2176, KA2178, KA2182, KA2183, KA2187, KA2197, KA2199, KA2200, KA2205, KA2211, KA2212, KA2213, KA2214, KA2215, KA2221, KA2224, KA2226, KA2242, KA2245, KA2250, KA2256, KA2257, KA2258, KA2259, KS201	JQ866156
KA2230	KA2230	JQ866157
KA2243	KA2203, KA2204, KA2227, KA2243, KA2244, KA2255	JQ866154
KB40	BG5, BG17, BG19	EU527462
KB73	KY1, KY4, KY5, KY8, KY11, KY12, KY13, KY15	EU527461
KE1511	KE1511	JQ866165
KE1512	KE1512, KE1513, KE1516, KE1519	JQ866166
KE1522	KE1522, KE1523	JQ866167
KO2450	KO2450, KO2451	JQ866168
KO2626	KO2626, KO2627, KO2628, KO2629, KO2630, KO2631, KO2632, KO2633, KO2657	JQ866169

KO2634	KO2634, KO2639	JQ866170
KO2637	KO2637, KO2640, KO2652, KO2658	JQ866171
KS1	BA1369, BA1370, BA1372, BA1373, BA1374, BA1375, BA1376, BA1377, BA1378, BA1379, BA1381, BA1384, BA1389, BA1391, BA1392, BA1393, BA1396, BA1398, BA1399, BA1400, BA1401, BA1402, BA1403, BA1404, BA1405, BA1406, BA1409, BA1411, BA1412, BA1413, BA1414, BA1415, BA1416, LU2083, LU2084, LU2085, LU2086, LU2087, LU2088, LU2089, WA1, WA2	DQ370332
KS2	BA807, BA808, BA809, BA810, BA811, BA812, BA813, BA814, BA815, BA816, BA817, BA818, BA819, BA820, BA821, BA822, BA823, BA824, BA825, BA826, BA827, BA2856, BA2857, BA2858, BA2859, BA2860, BA2861, BA2862, BA2863, BA2864, BA2865, BA2866, BA2867, BA2868, BA2869, BA2870, BA2871, BA2872, BI242, BI243, BI244, BI245, BI246, BI247, MU410, UM388, WA10, WA12, WA15, WA25, WA26, WA28, WA30, WA31, WA32, WA630, WA640	DQ370333
KS3	KA2216, WA7, WA8, WA9, WA11, WA13, WA14, WA16	DQ370334
KS4	WA17	DQ370335
KS5	BE928, BE929, BE930, BE931, BE932, BE933, BE934, BE935, BE936, BE937, BE938, BE940, BE941, BE942, BE943, BE946, BE1185, BE1211, BE1257, BE1258, BE1259, IJ2774, IJ2777, IJ2786, IJ2810, IJ2811, IJ2827, ON1326, UM988, UM989, UM990, UM991, UM992, UM994, UM999, UM1000, UM1002, UM1003, UM1004, UM1008, UM1010, UM1011, UM1012, UM1013, UM1015, WA5, WA6, WA18, WA19, WA20, WA23, WA511, WA512, WA513, WA514, WA515, WA516, WA517, WA518, WL117	DQ370336
KS6	WA24	DQ370337
KS7	WA34, WA36, WA37	DQ370338
KS8	BA1293, BA1294, BA1295, BA1298, BE838, BE842, BE858, WA33, WA38, WA40, WA42	DQ370339
KS9	BA613, BA614, BA615, BA616, BA617, BA618, BA1467, BI2417, BI2422, BI2423, BI2424, BI2426, BI2427, BI2429, BI2431, BI2433, BI2435, BI2437, BI2438, BI2440, KA1683, KA1684, KA2198, KA2201, KA2206, KA2210, KA2222, KA2235, LU2066, LU2068, LU2069, LU2075, LU2076, LU2080, LU2081, LU2082, OP2158, PA75	DQ370340
KS10	KA2202, KA2223, OP2930, OP2931, OP2932, OP2933, OP2934, OP2935, OP2936, OP2937, OP2938, OP2939, OP2944, OP2945, OP2946, OP2947, OP2948, OP2949, OP2950, OP2951, OP2952, OP2953, PA76	DQ370341
KS11	AM215, AM216, AM218, AM220, AM285, BE850, BE944, BE1183, BE1184, BE1189, BE1194, BE1195, BE1196, BE1197, BE1198, BE1199, BI54, BI58, BI62, BI78, BI323, BI324, BI326, BI327, BI328, BI329, KA797, KA798, KA799, KA800, KA801, LU2064, LU2065, LU2070, LU2071, LU2072, LU2078, OP2153, OP2154, OP2155, OP2156, OP2157, UD319, UD320, UD321, UM1138, UM1139, UM1140, UM1141, UM1142, UM1144, UM1148, UM1153, UM1154, UM1155, WA21, WA22, WA27, WA29, WA519, WA520, WA522, WA523, WA524, WA525, WA526, WA527, WA529, WA530, WA531, WA532, WA547, WA551, WA552, WA553	DQ370342
KS12	BI68, BI71, BI85	DQ370343
KS14	BI64, BI67, BI70, BI72, BI73, BI74, BI79, BI82, BI83, BI89, BI94, BI95	DQ370345
KS15	BI55, BI59, BI61, BI65, BI69, BI77, BI86, BI90, BI93, BI96	DQ370346
KS16	BI84, BI87, BI88, BI92, BI97	DQ370347
KS133	BL1795, KS133, KS134	JQ866172
KS135	KS135	JQ866173
KS310	KS310	EU527413
KS311	BL1801, EP724, EP728, EP729, EP730, EP731, EP734, EP735, EP743, EP765, EP766, EP767, EP768, EP770, EP878, EP879, EP880, EP881, EP882, EP883, KS204, KS311, KS313, UB1442	JQ866174
KS378	KS378	JQ866175
KS379	KS379	JQ866176
KY2	KY2, KY6, KY16	JQ866177
KY3	KY3, KY14	JQ866178
LU1836	LU1836	JQ866179
LU2020	LU2020, LU2021, LU2022, LU2023, LU2024, LU2025, LU2026, LU2027, LU2028, LU2029, LU2030, LU2031, LU2032, LU2033, LU2034, LU2035, LU2036	JQ866180
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LU2136	LU2136, LU2137, LU2139, LU2384, LU2396	JQ866182
LU2374	LU2374	JQ866183
LU2380	LU2380	JQ866184
LU2381	LU2381	JQ866185
LU2473	LU2473, LU2482, UB2055, UB2056, UB2057, UB2058, UB2059	JQ866186
MO2117	MO2117	JQ866187
MO2119	MO2119	JQ866188
MO2121	MO2121	JQ866189
MO2128	MO2128	JQ866190
MU405	EP725, EP738, EP739, EP740, EP754, MU405, MU408	JQ866194
MU406	MU406	JQ866195
MU407	MU407	JQ866196
MU409	MU409	JQ866197
MU411	MU411, MU715, MU719, MU720	JQ866198
MU716	MU716, MU717, MU718	JQ866199
MU1067	EP904, EP914, EP916, MU1067, MU1068, MU1069, MU1070, MU1071, MU1072, MU1073, MU1074, MU1075, MU1076, MU1077, MU1078, MU1079, MU1080, MU1081, MU1082, MU1083, MU1084, MU1085, MU1086	JQ866191
MU1636	MU1636, MU1637, MU1638, MU1640, MU1641, MU1642, MU1643, MU1644, MU1645, MU1646, MU1648, MU1650, MU1651, MU1653, MU1658	JQ866192
MU1656	MU1656	JQ866193
NY5	GI32, GI34, GI39, GI40, GI42	DQ370352
ON1299	BF1365, ON1299, ON1300, ON1301, ON1306, ON1307, ON1310, ON1311, ON1316, ON1317, ON1325, ON1328, ON1330, ON1339, ON1343, ON1345, ON1351, ON1353, ON1354, ON1356	JQ866200

ON1315	ON1315	JQ866201
OP2151	OP2151	JQ866202
OP2152	OP2152, WK2832, WK2833, WK2835, WK2836, WK2837, WK2838, WK2840, WL99, WL129, WL241	JQ866203
OP2940	OP2940, OP2954	JQ866204
PA338	BR2955, BR2956, BR2957, BR2958, BR2959, BR2960, BR2961, BR2962, BR2963, BR2964, BR2965, BR2966, BR2967, BR2968, BR2969, BR2970, BR2971, BR2972, BR2973, BR2974, BR2975, BR2976, BR2977, BR2978, BR2979, BR2980, BR2981, BR2982, BR2983, BR2984, BR2985, BR2986, BR2987, BR2988, BR2989, BR2990, BR2991, BR2992, BR2993, BR2994, BR2995, BR2996, BR2997, BR2998, BR2999, BR3000, BR3001, BR3002, BR3003, BR3004, BR3005, BR3006, BR3007, BR3008, BR3009, BR3010, BR3011, BR3012, BR3013, PA338, PA339, PA340, PA341	JQ866212
PA366	PA366, PA367, PA368	JQ866213
PA369	LU2665, LU2666, LU2667, LU2668, LU2669, LU2670, LU2671, LU2672, LU2673, PA369, PA370, WK2839	JQ866214
PA460	BI448, BI449, BI450, BI451, BS778, PA452, PA453, PA454, PA455, PA456, PA457, PA459, PA460, PA461, PA462, PA463, PA464, PA465	JQ866215
PA570	PA570	JQ866216
PA584	KA1661, KA1663, KA1664, KA1672, KA1674, KA1675, KA1677, KA1679, KA1680, KA1681, KA1682, KA1686, KA1688, KA1689, KA1690, KA1691, KA1692, KA1693, KA1694, KA1695, KA1696, KA1697, KA1698, KA1699, KA1700, KA1701, KA1702, KA1703, PA567, PA569, PA573, PA574, PA575, PA576, PA579, PA580, PA582, PA583, PA584, PA585, PA586, PA588, PA589, PA591, PA592, PA593, PA594, UD318, UD322, WA363	JQ866217
PA875	PA875, PA876, PA877	JQ866218
PA1044	KA1662, KA1665, KA1666, KA1667, KA1668, KA1669, KA1670, KA1671, KA1685, KA1687, PA1044, PA1045, PA1046, PA1047, PA1048, PA1049, PA1052, PA1053, PA1054, PA1055, PA1056, PA1057	JQ866205
PA1065	PA1037, PA1038, PA1039, PA1040, PA1041, PA1042, PA1043, PA1051, PA1058, PA1059, PA1060, PA1061, PA1062, PA1063, PA1064, PA1065	JQ866206
PA1573	PA1573, PA1578, PA1584, PA1585, PA1586, PA1587, PA1588, PA1589, PA1592, PA1594, PA1596	JQ866207
PA1574	PA1574, PA1577, PA1593, PA1595, PA1597, PA1600	JQ866208
PA1581	PA1581, PA1583, PA1590	JQ866209
PA1591	PA1575, PA1580, PA1591, PA1598, PA1599	JQ866210
PA3138	PA3138, PA3139, PA3140, PA3141, PA3142, PA3143, PA3144, PA3145, PA3146, PA3147	JQ866211
PO137	PO137	JQ866219
PO138	PO138, PO139, PO140, PO141	JQ866220
PO421	PO421	JQ866221
PO422	PO422	JQ866222
PO495	PO495, PO496, UB598	JQ866223
PO497	PO497, UB1435, UB1439, UB1446, UB1454	JQ866224
RU1106	RU1106, RU1108, WB2322	JQ866225
UB434	KO2725, UB434	JQ866234
UB437	UB435, UB437	JQ866235
UB438	KO2636, KO2638, KO2641, KO2642, KO2643, KO2644, KO2645, KO2650, KO2653, KO2655, KO2656, KO2842, KO2843, UB438, UB1429, UB1460, UB2039, UB2040, UB2041	JQ866236
UB439	UB439, UB440	JQ866237
UB442	KO2635, KO2646, KO2647, KO2648, KO2654, KO2716, KO2717, KO2718, KO2719, KO2732, UB442, UB1431, UB2720, UB2721, UB2722, UB2723	JQ866238
UB445	BL1805, BL1810, KO2445, KO2446, KO2447, KO2448, KO2449, LU1823, LU2368, LU2372, LU2385, UB445, UB1456, UB1457, UB1458, UB1462, UB2043, UB2051, UB2053, UB2054, UB2060, UB2061	JQ866239
UB446	KO2730, KO2738, KO2743, UB443, UB444, UB446, UB447, UB1432, UB1444, UB2737	EU527411
UB595	UB595	JQ866240
UB596	UB596, UB597, UB2042	JQ866241
UB599	UB599	JQ866242
UB601	UB601, UB602, UB603, UB1436, UB2044, UB2045, UB2046, UB2047, UB2048, UB2049	JQ866243
UB1430	UB1430	JQ866226
UB1433	MU1655, MU1657, MU1659, MU1660, UB1433	JQ866227
UB1434	KO2727, UB1434, UB1443, UB2735	JQ866228
UB1447	UB1447, UB1449, UB1451, UB1453	JQ866229
UB2037	UB2037	JQ866230
UB2038	UB2038	JQ866231
UB2488	UB2488, UB2489, UB2490, UB2491, UB2492, UB2493, UB2494, UB2495, UB2496, UB2497, UB2498, UB2499, UB2500, UB2501, UB2502	JQ866232
UB2724	KO2726, KO2731, KO2733, KO2736, KO2740, KO2745, KO2747, KO2748, KO2749, KO2750, KO2752, KO2753, KO2754, KO2756, KO2757, KO2758, KO2759, KO2761, KO2763, KO2765, KO2769, KO2770, KO2771, UB2724, UB2734, UB2742, UB2744, UB2746, UB2755, UB2760, UB2762, UB2764, UB2766, UB2767, UB2768	JQ866233
UM389	UM389, UM390	JQ866246
UM391	UM391, WA394, WA395, WA396, WA398, WA399	JQ866247
UM499	UM499, UM500, UM501	JQ866248
UM1137	UM1137	JQ866244
UM1145	UM1145, UM1146, UM1147, UM1149, UM1150, UM1151, UM1152	JQ866245
WA3	WA3, WA4	JQ866249
WA343	WA343, WA345, WA346, WA347, WA348, WA349, WA350	JQ866250
WA344	WA344, WA351	JQ866251
WA357	BA430, WA357, WA358	JQ866252
WA359	BA1387, WA359, WA361	JQ866253

WA392	WA392, WA393, WA397	JQ866254
WA466	WA466, WA467, WA468, WA469, WA470, WA471, WA472, WA473, WA474, WA475, WA476	EU527409
WA543	BF2159, BF2160, BF2161, WA539, WA540, WA541, WA542, WA543, WA550	EU527415
WA548	WA548, WA561	JQ866255
WA549	AZ2165, BE951, BE1176, BE1177, BE1178, BE1179, BE1180, KA2196, WA549	JQ866256
WA554	BE1182, BE1187, BE1188, BE1190, KA2179, KA2185, KA2219, KA2220, KA2225, KA2246, KA2251, LU2521, LU2522, LU2523, LU2524, LU2525, LU2527, LU2528, LU2530, LU2532, LU2533, LU2534, LU2535, LU2536, LU2537, LU2538, LU2540, LU2541, LU2542, LU2543, LU2544, LU2545, LU2546, LU2547, LU2548, LU2549, LU2550, LU2551, LU2553, LU2554, LU2557, MO2132, MO2133, WA554, WA555, WA556, WA557, WA558, WA559, WA560, WA562, WA563	JQ866257
WA624	WA624, WA625, WA626, WA627, WA628, WA634, WA635, WA637, WA638, WA639, WA641, WA642, WA643, WA644	JQ866258
WA629	WA629	JQ866259
WB412	RU1124, WB412, WB416, WB417, WB1132, WB2317, WB2319	JQ866262
WB413	WB413, WB414, WB418, WB1096, WB1097, WB1098, WB1099, WB1100, WB1101, WB1102, WB1103, WB1104, WB1105, WB2312, WB2313, WB2315, WB2316, WB2318, WB2331, WB2338	JQ866263
WB415	WB415, WB419	JQ866264
WB690	WB690, WB691, WB692	JQ866266
WB693	RU1109, RU1112, RU1122, RU1127, RU1128, WB693, WB1115, WB1130, WB1133, WB1136, WB2330, WB2334, WB2339, WB2341	JQ866267
WB713	WB713, WB2321, WB2325, WB2328, WB2332	JQ866265
WB1094	WB1094	JQ866260
WB2337	WB2337	JQ866261
WK2	WK2, WK21	JQ866271
WK4	WK3, WK4, WK5, WK10	EU527385
WK7	WK6, WK7, WK14, WK16, WK20, WK23, WK25	EU527386
WK8	WK1, WK8, WK9, WK11, WK13, WK24	EU527387
WK12	WK12, WK17	EU527456
WK18	WK18, WK22	JQ866270
WK2841	WK2841	JQ866272
WL98	WL98	EU527444
WL100	WL100, WL101	EU527447
WL102	KA1417, KA1418, KA1419, KA1420, KA1421, KA1422, KA1423, KA1424, KA1425, KA1426, WL102	EU527452
WL103	WL103	EU527450
WL104	WL104	EU527451
WL105	BA775, BA1215, BA1216, BA1217, BA1218, BA1219, BA1220, BA1221, BA1222, BA1223, BA1224, BA1225, BA1226, BA1227, BA1228, BA1229, BA1230, BA1231, BA1232, BA1233, BA1234, BA1264, BA1265, BA1266, BA1267, BA1268, BA1269, BA1270, BA1271, BA1272, BA1273, BA1274, BA1275, BA1276, BA1277, BA1278, BA1296, BA1297, BA1368, BA1371, BA1380, BA1382, BA1385, BA1386, BA1390, BA1395, BA1397, BA1407, BA1408, BA1604, BA1605, BA1606, BA1607, BA1609, BA1728, BA1731, BA1735, BE1181, BI56, BI57, BI60, BI63, BI66, BI80, BI81, BI91, BI2415, BI2416, OP2149, OP2150, UM502, UM503, UM504, UM505, UM506, UM507, UM508, UM509, UM510, WA35, WA39, WA41, WA44, WA45, WA46, WA47, WA48, WA49, WA50, WA51, WA52, WA53, WA521, WA533, WA534, WA535, WA536, WA537, WA538, WL105	EU527448
WL107	WL107, WL115, WL124	EU527453
WL108	WL108, WL127, WL130	EU527445
WL109	AM286, AM287, AM292, AM293, AM297, AM298, AM304, AM305, KA871, KA874, LU1824, LU1826, LU1827, LU1828, LU1829, LU1830, LU1831, LU1832, LU1833, LU1834, LU1835, LU1837, LU1838, LU1839, LU1841, LU1842, LU1843, LU1844, LU1845, LU1846, LU1847, LU1848, LU1849, LU1850, LU1851, LU1853, LU1856, LU1919, LU1920, LU1921, LU1922, LU1923, LU1924, LU1925, LU1926, LU1927, LU1928, LU1929, LU1930, LU1931, LU1932, LU1933, LU1934, LU1935, LU1936, LU1937, LU1938, LU1939, LU1940, LU1941, OP3369, OP3370, OP3371, OP3372, OP3373, OP3374, OP3375, OP3376, OP3377, OP3378, OP3379, OP3380, OP3381, OP3382, OP3383, OP3384, OP3385, OP3386, OP3387, OP3388, OP3389, OP3390, OP3391, OP3392, OP3393, WK19, WL109, WL118, WL121, WL122, WL233	EU527446
WL111	BI250, BI251, BI255, BI257, BI258, BI264, BI269, BI270, BI272, BI277, BI280, LU1705, LU1706, LU1707, LU1708, LU1709, LU1710, LU1711, LU1712, LU1713, LU1714, LU1715, LU1716, LU1717, LU1718, LU1719, WL106, WL111, WL112, WL113, WL119, WL120, WL123, WL125, WL126, WL128, WL131, WL132, WL227, WL228, WL231	EU527455
WL114	WL114, WL116	EU527449
BJ688	BJ688, BJ689	JQ866273
IK2876	BN3016, BN3018, BN3023, BN3025, BN3030, BN3035, BN3036, BN3037, BN3038, BN3039, BN3040, BN3042, BN3043, BN3051, BN3053, BN3057, BN3059, BN3060, BN3061, BN3095, BN3099, BN3105, BN3118, BN3125, IK2876, IK2877, IK2880, IK2882, IK2883, IK2889, IK2894, IK2898, IK2902, IK2903, IK2912, IK2913, IK2914, IK2915, IK2919, IK2927, IK2928, KR21, KR33, KR38, KR50, KR51, KR76, KR77	JQ866274
IK2879	BN3024, BN3055, BN3056, BN3096, BN3101, BN3110, BN3111, IK2879, IK2890, IK2916	JQ866275
IK2885	BN3014, BN3021, BN3045, BN3046, BN3048, BN3054, BN3107, BN3128, BN3129, IK2885, IK2887, IK2896, IK2907, IK2918, IK2923	JQ866276
KR2	KR2, KR16, KR25, KR40, KR47	JQ866277
KR3	BN3015, BN3020, BN3032, BN3041, BN3047, BN3058, BN3100, BN3114, BN3115, BN3124, BN3127, BN3130, BN3132, IK2925, IK2926, KR3, KR4, KR7, KR11, KR12, KR13, KR18, KR20, KR32, KR37, KR42, KR43, KR46, KR57, KR58, KR64, KR65, KR70, KR75, KR78	JQ866278
KR5	BN3028, BN3049, BN3063, BN3094, BN3097, BN3098, BN3104, BN3106, BN3108, BN3109, BN3136, BN3137, IK2878, IK2895, IK2905, IK2908, IK2910, IK2911, KR5, KR14, KR15, KR19, KR26, KR30, KR34, KR35, KR36, KR44, KR45, KR56, KR59, KR60, KR61, KR62, KR63	JQ866282
KR6	BN3026, BN3027, BN3031, BN3044, BN3050, BN3064, BN3065, BN3102, BN3117, BN3120, BN3121, BN3134, BN3135, IK2899, IK2901, KR6, KR17, KR24	JQ866284
KR10	BN3019, BN3022, BN3029, BN3033, BN3034, BN3122, IK2891, IK2906, IK2920, KR10, KR22, KR27, KR39, KR54, KR67	JQ866279

KR23	KR23, KR31, KR41, KR52, KR53, KR74	JQ866280
KR48	KR48	JQ866281
KR66	KR66	JQ866283
KR73	KR73	JQ866285
LK645	LK645, LK651, LK670, LK674	JQ866286
LK646	LK646, LK653, LK657, LK658, LK662, LK666, LK671, LK678, LK685, ML5475, ML5476, ML5478, ML5479, ML5484, ML5485, JQ866287 ML5528, ML5530, ML5531, ML5543, ML5544, ML5545, ML5546, ML5547, ML5548, ML5551, ML5552, ML5553, ML5604, ML5605, ML5611, ML5612, ML5613, ML5624, ML5640, ML5642, ML5644, ML5648, ML5652, ML5657, ML5666, ML5667, ML5669, ML5672, ML5673, ML5676, ML5678, ML5681, ML5700, ML5706, ML5718, ML5725, ML5731	
LK647	LK647, LK649, LK667, ML5472, ML5481, ML5491, ML5492, ML5493, ML5494, ML5498, ML5501, ML5502, ML5504, ML5512, ML5513, ML5518, ML5520, ML5523, ML5540, ML5549, ML5550, ML5557, ML5559, ML5567, ML5568, ML5572, ML5574, ML5578, ML5580, ML5581, ML5582, ML5594, ML5595, ML5598, ML5606, ML5608, ML5609, ML5618, ML5619, ML5620, ML5622, ML5627, ML5634, ML5639, ML5645, ML5651, ML5655, ML5656, ML5659, ML5664, ML5688, ML5689, ML5695, ML5696, ML5702, ML5708, ML5710, ML5711, ML5721, ML5724, ML5737	JQ866288
LK648	LK648, LK654, LK676, LK677, LK679, LK680, LK681, LK682, LK686, LK687	JQ866289
LK650	LK650, LK661, LK683, LK684	JQ866290
LK652	LK652, LK659, LK663, LK665	JQ866291
LK664	KR68, KR69, LK664, LK668, LK672	JQ866292
LK673	LK673, ML5473, ML5474, ML5477, ML5480, ML5482, ML5483, ML5486, ML5489, ML5497, ML5499, ML5500, ML5503, ML5506, ML5507, ML5508, ML5509, ML5510, ML5511, ML5514, ML5516, ML5517, ML5521, ML5522, ML5524, ML5526, ML5529, ML5532, ML5534, ML5535, ML5536, ML5541, ML5554, ML5555, ML5558, ML5560, ML5561, ML5562, ML5566, ML5570, ML5571, ML5573, ML5579, ML5583, ML5584, ML5585, ML5591, ML5592, ML5593, ML5597, ML5600, ML5607, ML5615, ML5616, ML5617, ML5623, ML5625, ML5626, ML5629, ML5630, ML5633, ML5635, ML5641, ML5647, ML5649, ML5653, ML5654, ML5658, ML5660, ML5661, ML5662, ML5663, ML5665, ML5668, ML5670, ML5675, ML5677, ML5679, ML5680, ML5682, ML5683, ML5684, ML5685, ML5692, ML5693, ML5697, ML5698, ML5699, ML5703, ML5704, ML5705, ML5707, ML5709, ML5714, ML5715, ML5716, ML5717, ML5719, ML5720, ML5722, ML5728, ML5732, ML5733, ML5735, ML5736, ML5739	JQ866293
ML5487	ML5487, ML5488, ML5496, ML5519, ML5537, ML5538, ML5539, ML5575, ML5576, ML5586, ML5587, ML5588, ML5589, ML5590, ML5596, ML5614, ML5621, ML5636, ML5643, ML5646, ML5650, ML5674, ML5687, ML5712, ML5713, ML5726	JQ866294
ML5490	ML5490, ML5495, ML5515, ML5542, ML5563, ML5565, ML5599, ML5631, ML5637, ML5686, ML5690, ML5723, ML5730	JQ866295
ML5505	ML5505, ML5525, ML5527, ML5533, ML5556, ML5564, ML5569, ML5577, ML5601, ML5602, ML5603, ML5610, ML5628, ML5638, ML5694, ML5727, ML5729	JQ866296

¹All primate fecal samples were subjected to mtDNA analysis to confirm their species and subspecies origin, and to exclude specimen degradation. The resulting sequences (479 bp D loop fragment) were aligned and grouped into unique mtDNA haplotypes. Samples are coded according to their field site of origin (as shown in Figure 1). A neighbor joining tree of mtDNA sequences is shown in Figure S1.

²Fecal samples from *P. t. schweinfurthii* are shown in black; SIVcpz antibody and/or nucleic acid positive samples are highlighted in red, with samples containing viral RNA sequences shown in boldface; fecal samples from *Pan paniscus* are shown in grey.

Table S3. Enumeration of SIVcpz infected eastern chimpanzees using microsatellite analyses

Chimp ¹	Fecal sample	Collection date mm/dd/yy	mtDNA haplotype	Sex ²	Microsatellite loci ³				SIVcpz		PCR amplicon (bp) ⁶					
					D18s536	D4s243	D10s676	D9s922	fecal WB ⁴	SIVcpz vRNA ⁵	<i>gag</i>	<i>pol</i> (long)	<i>pol</i> (mini)	<i>vpu/</i> <i>env</i>	<i>gp41</i>	<i>gp41/</i> <i>nef</i>
AM1	AM205	01/15/05	AM205	M	139/151	234/234	179/183	294/302	pos	neg						
	AM208	02/27/05	AM205	M	139/151	234/234	179/183	294/302	pos	neg						
	AM209	02/27/05	AM205	M	139/151	234/234	179/183	294/302	pos	neg						
	AM210	02/27/05	AM205	M	139/151	234/234	179/183	294/302	pos	neg						
	AM211	02/27/05	AM205	M	139/151	234/234	179/183	294/302	pos	neg						
	AM213	02/27/05	AM205	M	139/151	234/234	179/183	294/302	pos	pos						731
	AM214	02/27/05	AM205	M	139/151	234/234	179/183	294/302	pos	neg						
AM2	AM286	07/20/05	WL109	M	151/155	210/226	175/183	286/306	pos	pos						325
	AM287	07/20/05	WL109	M	151/155	210/226	175/183	286/306	pos	neg						
	AM292	07/23/05	WL109	M	151/155	210/226	175/183	286/306	pos	neg						
	AM293	07/23/05	WL109	M	151/155	210/226	175/183	286/306	pos	pos			232			
	AM297	07/30/05	WL109	M	151/155	210/226	175/183	286/306	pos	neg						
	AM304	08/04/05	WL109	M	151/155	210/226	175/183	286/306	pos	neg						
AM3	AM298	07/30/05	WL109	M	151/155	210/230	171/175	298/306	pos	neg						
	AM305	08/04/05	WL109	M	151/155	210/230	171/175	298/306	pos	neg						
AZ1	AZ2162	09/05/07	AZ2162	M	135/151	230/---	167/175	---/---	pos	neg						
	AZ2163	09/07/07	AZ2162	n/a	135/151	230/234	167/175	---/---	pos	neg						
AZ2	AZ2164	09/07/07	AZ2162	M	135/143	---/---	175/183	---/302	pos	neg						
	AZ2169	09/12/07	AZ2162	M	135/143	---/---	175/183	298/302	pos	neg						
BA1	BA432	01/09/06	BA432	M	139/143	190/230	171/183	286/294	pos	pos						219
	BA433	01/10/06	BA432	M	139/143	190/230	171/183	286/294	pos	neg						
BA2	BA807	08/13/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA808	08/13/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA809	08/14/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA810	08/16/06	KS2	n/a	139/151	190/---	179/187	---/306	pos	neg						
	BA811	08/16/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA812	08/19/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA813	08/19/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA814	08/21/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA815	08/22/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA816	08/23/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA817	09/07/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA818	09/07/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA819	09/09/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA820	09/09/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA821	09/09/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA822	09/11/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA823	09/11/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA824	09/11/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA825	09/12/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
	BA826	09/12/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg						
BA827	09/12/06	KS2	n/a	139/151	190/194	179/187	290/306	pos	neg							
BA3	BA1019	10/17/06	BA1019	M	151/155	202/---	179/183	290/302	pos	neg						
	BA1021	10/19/06	BA1019	M	151/155	202/230	179/183	290/302	pos	neg						
	BA1022	11/14/06	BA1019	n/a	151/155	202/---	179/---	290/302	pos	neg						
	BA1023	11/14/06	BA1019	M	151/155	202/230	179/183	---/302	pos	neg						
	BA1024	11/14/06	BA1019	M	151/155	202/230	179/183	290/302	pos	neg						
	BA1025	11/17/06	BA1019	M	151/155	202/230	179/183	290/302	pos	neg						
	BA1026	11/17/06	BA1019	M	151/155	202/230	179/183	290/302	pos	neg						
	BA1029	11/21/06	BA1019	M	151/155	202/230	179/183	290/302	pos	neg						
	BA1030	11/21/06	BA1019	M	151/155	202/230	179/183	290/302	pos	neg						
	BA1031	11/21/06	BA1019	M	151/155	202/230	179/183	290/302	pos	neg						
	BA1034	11/26/06	BA1019	M	151/155	202/230	179/183	290/302	pos	neg						
	BA1035	11/26/06	BA1019	M	151/155	202/230	179/183	290/302	pos	neg						
	BA4	BA1020	10/19/06	BA1019	M	135/155	202/230	179/183	290/302	pos	neg					
BA1027		11/17/06	BA1019	M	135/155	202/230	179/183	290/302	pos	neg						
BA1028		11/17/06	BA1019	M	135/155	202/230	179/183	290/302	pos	neg						
BA5	BA1290	02/20/07	BA1290	M	143/155	198/230	179/195	286/302	pos	neg						
BF1	BF1161	12/04/06	BF1167	M	151/155	226/234	171/187	298/302	pos	pos					421	729
	BF1162	12/04/06	BF1167	M	151/155	226/234	171/187	298/302	pos	pos					421	729
	BF1163	12/04/06	BF1167	M	151/155	226/234	171/187	298/302	pos	pos					421	729
	BF1164	12/04/06	BF1167	M	151/155	226/234	171/187	298/302	pos	pos					421	729

	BF1165	12/04/06	BF1167	M	151/155	226/234	171/187	298/302	pos	pos							421	729
	BF1166	12/23/06	BF1167	M	151/155	226/234	171/187	298/302	pos	pos							421	729
	BF1167	12/23/06	BF1167	M	151/155	226/234	171/187	298/302	pos	pos	FL	FL	FL	FL	FL	FL	421	729
	BF1168	12/23/06	BF1167	M	151/155	226/234	171/187	298/302	pos	pos							421	729
	BF1169	12/23/06	BF1167	M	151/155	226/234	171/187	298/302	pos	pos							421	729
	BF1170	12/23/06	BF1167	M	151/155	226/234	171/187	298/302	pos	pos							421	729
	BF1171	12/23/06	BF1167	M	151/155	226/234	171/187	298/302	pos	pos							421	729
	BF1172	12/23/06	BF1167	M	151/155	226/234	171/187	298/302	pos	pos							421	729
BL1	BL1805	04/18/07	UB445	M	139/151	190/234	183/187	298/302	pos	pos				232	520		429	
	BL1810	04/18/07	UB445	M	139/151	190/234	183/187	298/302	pos	pos				232			429	
BL2	BL1804	04/18/07	BL1804	M	143/155	190/226	183/187	294/298	pos	neg								
BU1	BU203	12/28/04	BU203	M	147/151	234/238	155/183	298/302	pos	neg								
EP1	EP479	02/13/06	EP479	M	151/155	190/234	175/179	290/294	pos	neg								
	EP480	02/13/06	EP479	M	151/155	190/234	175/179	290/294	pos	neg								
EP2	EP482	01/30/06	EP486	n/a	139/147	194/226	179/187	298/302	pos	pos				232			432	730
	EP483	01/30/06	EP486	n/a	139/147	194/226	179/187	298/302	pos	pos				232				
	EP484	02/02/06	EP486	n/a	139/147	194/226	179/187	298/302	pos	neg								
	EP485	02/06/06	EP486	n/a	139/147	194/226	179/187	298/302	pos	pos			892	232			432	
	EP486	02/07/06	EP486	n/a	139/147	194/226	179/187	298/302	pos	pos				232				730
KA1	KA2198	09/24/07	KS9	M	135/139	198/234	179/191	298/302	pos	pos				232				
	KA2201	09/24/07	KS9	M	135/139	214/234	179/191	286/302	pos	pos				232				
	KA2206	09/28/07	KS9	M	135/139	214/234	179/191	286/302	pos	pos				232				
	KA2210	09/30/07	KS9	M	135/139	214/234	179/191	286/302	pos	neg								
	KA2222	09/12/07	KS9	n/a	135/139	214/234	179/191	286/302	pos	pos	560	892	232	502				
	KA2235	09/21/07	KS9	M	135/139	214/234	179/191	286/302	pos	pos	560		232			418	806	
KA2	KA871	09/10/06	WL109	M	135/139	190/194	179/183	286/302	pos	neg								
	KA874	10/21/06	WL109	M	135/139	---/194	179/183	286/302	pos	neg								
KA3	KA385	12/17/05	KA385	M	135/139	214/214	171/187	298/302	pos	neg								
	KA386	12/17/05	KA385	M	135/139	214/214	171/187	298/302	pos	neg								
KA4	KA868	08/28/06	KA868	M	139/143	214/226	183/195	294/298	pos	neg								
	KA870	09/06/06	KA868	M	139/143	214/226	183/195	294/298	pos	neg								
	KA872	09/16/06	KA868	M	139/143	---/226	183/195	294/298	pos	neg								
KA5	KA869	09/02/06	KA869	M	135/139	190/194	179/183	282/286	pos	neg								
	KA873	10/21/06	KA869	M	135/139	190/194	179/183	282/286	pos	neg								
KA6	KA1417	01/22/07	WL102	M	143/151	202/230	171/179	290/302	pos	neg								
	KA1418	01/22/07	WL102	M	143/151	202/230	171/179	290/302	pos	neg								
	KA1424	01/29/07	WL102	M	143/151	202/230	171/179	290/302	pos	neg								
	KA1426	02/02/07	WL102	M	143/151	---/230	171/179	290/302	pos	neg								
KA7	KA1419	01/22/07	WL102	n/a	143/147	202/230	155/171	290/306	pos	pos			892	232			440	1419
	KA1420	01/26/07	WL102	n/a	143/147	202/230	155/171	290/306	pos	neg								
	KA1421	01/26/07	WL102	n/a	143/147	202/230	155/171	290/306	pos	neg								
	KA1422	01/28/07	WL102	n/a	143/147	202/230	155/171	290/306	pos	pos					232			
	KA1423	01/28/07	WL102	n/a	143/147	202/230	155/171	290/306	pos	pos					232			
	KA1425	02/02/07	WL102	n/a	143/147	202/230	155/171	290/306	pos	pos					232			
KA8	KA2172	09/14/07	AZ2162	M	135/143	---/---	175/183	---/---	pos	neg								
	KA2218	09/07/07	AZ2162	M	135/143	---/---	175/183	298/302	pos	neg								
KA9	KA2248	09/27/07	AZ2162	n/a	135/143	---/---	167/175	---/---	pos	neg								
KA10	KA2221	09/11/07	KA2221	F	143/151	230/234	179/183	290/294	pos	neg								
KA11	KA2257	10/03/07	KA2221	F	139/143	226/230	179/179	302/306	pos	neg								
KA12	KA2230	09/19/07	KA2230	M	147/151	190/194	167/171	298/302	pos	neg								
KA13	KA2243	09/26/07	KA2243	M	143/151	202/234	183/195	298/310	pos	neg								
	KA2255	09/30/07	KA2243	n/a	143/151	202/234	183/195	298/310	pos	neg								
KO1	KO2626	12/02/08	KO2626	F	139/151	234/234	179/191	294/302	pos	neg								
	KO2627	12/03/08	KO2626	F	139/151	234/234	179/191	294/302	pos	neg								
	KO2628	12/03/08	KO2626	F	139/151	234/234	179/191	294/302	pos	neg								
	KO2629	12/03/08	KO2626	F	139/151	234/234	179/191	294/302	pos	neg								
	KO2630	12/03/08	KO2626	F	139/151	234/234	179/191	294/302	pos	neg								
	KO2631	12/03/08	KO2626	F	139/151	234/234	179/191	294/302	pos	neg								
	KO2632	12/03/08	KO2626	F	139/151	234/234	179/191	294/302	pos	neg								
	KO2633	12/03/08	KO2626	F	139/151	234/234	179/191	294/302	pos	neg								
	KO2657	01/06/09	KO2626	F	139/151	234/234	179/191	294/302	pos	neg								
KS1	KS310	09/07/05	KS310	M	139/151	190/226	179/187	298/302	pos	neg								
KS2	KS311	09/11/05	KS311	F	135/147	190/190	179/183	294/298	pos	neg								
	KS313	11/12/05	KS311	n/a	135/147	190/190	179/183	294/---	pos	neg								
KS3	KS378	01/18/06	KS378	M	139/143	190/214	175/179	290/294	pos	neg								
LU1	LU1705	03/31/07	WL111	n/a	139/139	190/238	175/183	298/302	pos	pos				232				
	LU1706	04/03/07	WL111	n/a	139/139	190/238	175/183	298/302	pos	pos				232				
	LU1707	04/03/07	WL111	M	139/139	190/238	175/183	298/302	pos	pos				232				

	LU1708	04/06/07	WL111	M	139/139	190/238	175/183	298/302	pos	pos			232	501	417
	LU1709	04/06/07	WL111	M	139/139	---/238	175/183	298/302	pos	pos			232		
	LU1710	04/10/07	WL111	M	139/139	---/---	---/183	---/---	pos	pos			232		
	LU1711	04/13/07	WL111	M	139/139	190/238	175/183	298/302	pos	pos			232		
	LU1712	04/16/07	WL111	M	139/139	---/---	---/183	---/---	pos	pos			232		
	LU1713	04/17/07	WL111	M	139/139	190/238	---/183	298/---	pos	pos			232		
	LU1714	04/17/07	WL111	M	139/139	190/238	175/183	298/302	pos	pos			232		
	LU1715	04/23/07	WL111	M	139/139	190/---	175/183	298/302	pos	pos			232		
	LU1716	04/26/07	WL111	n/a	139/139	---/---	175/---	298/302	pos	pos			232		
	LU1717	04/29/07	WL111	M	139/139	---/238	175/183	298/302	pos	pos			232		
	LU1718	04/29/07	WL111	M	139/139	---/---	175/183	---/302	pos	neg					
	LU1719	05/03/07	WL111	M	139/139	190/---	---/183	298/---	pos	pos			232		
LU2	LU2020	06/22/07	LU2020	F	139/151	230/238	179/183	286/302	pos	pos		892	232	520	
	LU2021	06/22/07	LU2020	F	139/151	230/238	179/183	286/302	pos	pos	545	892	232	520	
	LU2022	06/22/07	LU2020	F	139/151	230/238	179/183	286/302	pos	pos			232		
	LU2023	06/25/07	LU2020	F	139/151	230/238	179/183	286/302	pos	pos			232		
	LU2024	06/25/07	LU2020	F	139/151	230/238	179/183	286/302	pos	pos	545	892	232		
	LU2025	06/25/07	LU2020	F	139/151	230/238	179/183	286/302	pos	pos			232		
	LU2026	06/25/07	LU2020	F	139/151	230/238	179/183	286/302	pos	pos			232		
	LU2027	06/30/07	LU2020	F	139/151	230/238	179/183	286/302	pos	pos			232	444	
	LU2028	06/30/07	LU2020	F	139/151	230/238	179/183	286/302	pos	pos			232		
	LU2029	06/30/07	LU2020	F	139/151	230/238	179/183	286/302	pos	pos	545		232	520	444
	LU2030	06/30/07	LU2020	F	139/151	230/238	179/183	286/302	pos	neg					1243
	LU2031	06/30/07	LU2020	F	139/151	230/238	179/183	286/302	pos	pos			232		
	LU2032	07/04/07	LU2020	F	139/151	230/238	179/183	286/302	pos	pos	545	892	232	444	
	LU2033	07/04/07	LU2020	F	139/151	230/238	179/183	286/302	pos	neg					
	LU2034	07/04/07	LU2020	F	139/151	230/238	179/183	286/302	pos	pos			232		
	LU2035	07/04/07	LU2020	F	139/151	230/238	179/183	286/302	pos	neg					
	LU2036	07/04/07	LU2020	F	139/151	230/238	179/183	286/302	pos	pos			232		
LU3	LU2473	04/18/08	LU2473	M	147/155	230/238	---/---	298/302	pos	neg					
	LU2482	04/29/08	LU2473	n/a	---/155	---/---	179/187	298/302	pos	neg					
MO1	MO2118	08/05/07	EP486	M	143/151	190/198	183/187	290/294	pos	pos	540		232	512	431
	MO2120	08/09/07	EP486	M	143/151	190/198	183/187	290/294	pos	pos			232		
MU1	MU406	11/27/05	MU406	M	151/155	202/226	151/155	290/298	pos	pos			232	444	
MU2	MU407	11/27/05	MU407	M	139/155	190/202	155/187	294/298	pos	neg					
MU3	MU409	12/27/05	MU409	M	139/151	194/234	155/187	302/306	pos	pos			232	435	778
MU4	MU716	03/19/06	MU716	M	139/155	226/230	155/183	294/298	pos	neg					
	MU717	03/19/06	MU716	M	139/155	---/---	155/183	294/298	pos	neg					
	MU718	03/19/06	MU716	M	139/155	226/230	155/183	294/298	pos	neg					
MU5	MU1067	10/27/06	MU1067	F	139/151	190/234	183/187	302/306	pos	neg					
	MU1068	10/27/06	MU1067	F	139/151	190/234	183/187	302/306	pos	neg					
	MU1069	10/27/06	MU1067	F	139/151	190/234	183/187	302/306	pos	neg					
	MU1070	10/27/06	MU1067	F	139/151	190/234	183/187	302/306	pos	neg					
	MU1071	10/27/06	MU1067	F	139/151	190/234	183/187	302/306	pos	neg					
	MU1073	11/02/06	MU1067	F	139/151	190/234	183/187	302/306	pos	neg					
	MU1074	11/02/06	MU1067	F	139/151	190/234	183/187	302/306	pos	neg					
	MU1075	11/02/06	MU1067	F	139/151	190/234	183/187	302/306	pos	neg					
	MU1076	11/02/06	MU1067	F	139/151	190/234	183/187	302/306	pos	neg					
	MU1082	11/10/06	MU1067	F	139/151	190/234	183/187	302/306	pos	neg					
	MU1083	11/10/06	MU1067	F	139/151	190/234	183/187	302/306	pos	pos					
	MU1084	11/10/06	MU1067	F	139/151	190/234	183/187	302/306	pos	pos				435	
	MU1085	11/10/06	MU1067	F	139/151	190/234	183/187	302/306	pos	neg					
MU6	MU1072	11/02/06	MU1067	M	135/155	202/230	155/179	298/302	pos	neg					
	MU1077	11/02/06	MU1067	M	135/155	202/230	155/179	298/302	pos	neg					
	MU1078	11/02/06	MU1067	M	135/155	202/230	155/179	298/302	pos	neg					
	MU1079	11/02/06	MU1067	M	135/155	202/230	155/179	298/302	pos	neg					
	MU1080	11/02/06	MU1067	M	135/155	202/230	155/179	298/302	pos	neg					
	MU1081	11/10/06	MU1067	M	135/155	202/230	155/179	298/302	pos	neg					
	MU1086	11/10/06	MU1067	M	135/155	202/230	155/179	298/302	pos	neg					
OP1	OP2152	08/20/07	OP2152	M	135/155	198/230	167/175	290/294	pos	neg					
OP2	OP3369	04/20/11	WL109	F	---/155	190/---	---/175	286/---	pos	pos	570		232	481	411
	OP3370	04/20/11	WL109	F	151/155	---/---	171/175	---/290	pos	pos			232	481	411
	OP3371	04/20/11	WL109	F	151/155	190/230	171/175	286/---	pos	pos	570	892	232	481	411
	OP3372	04/20/11	WL109	n/a	151/---	190/---	171/---	---/290	pos	pos	570	892	232	481	411
	OP3373	04/25/11	WL109	F	151/155	---/230	171/---	286/---	pos	pos	570	892	232	481	
	OP3374	04/25/11	WL109	F	151/---	190/230	171/175	286/290	pos	pos			232	411	
	OP3375	04/25/11	WL109	F	151/155	190/230	171/175	286/290	pos	pos	570		232	481	411
	OP3376	04/25/11	WL109	F	151/155	190/230	171/175	286/290	pos	pos	570		232	481	843

	OP3377	04/28/11	WL109	F	151/155	---/230	171/175	286/290	pos	pos	570		232		411	843
	OP3378	04/28/11	WL109	F	151/155	190/230	171/175	286/290	pos	pos	570		232	481	411	843
	OP3379	04/28/11	WL109	n/a	151/155	---/---	171/---	---/290	pos	pos	570		232	481	411	
	OP3380	04/28/11	WL109	n/a	151/---	---/---	171/---	---/290	pos	pos		892	232		411	
	OP3381	04/28/11	WL109	F	151/155	---/---	171/---	---/---	pos	pos			232			
	OP3382	05/01/11	WL109	F	151/155	190/---	171/175	---/---	pos	neg						
	OP3383	05/01/11	WL109	n/a	151/155	---/---	171/175	---/---	pos	neg						
	OP3384	05/01/11	WL109	F	151/155	190/230	---/175	---/290	pos	neg						
	OP3385	05/01/11	WL109	F	151/155	190/230	171/175	---/290	pos	pos	570	892	232	481	411	843
	OP3386	05/01/11	WL109	F	151/155	190/230	171/175	286/290	pos	pos	570		232	481	411	
	OP3387	05/01/11	WL109	n/a	151/---	190/230	171/175	286/290	pos	neg						
	OP3388	05/04/11	WL109	F	151/155	190/230	171/175	286/290	pos	pos	570		232	481	411	
	OP3389	05/04/11	WL109	F	151/155	190/---	171/175	---/290	pos	neg						
	OP3390	05/04/11	WL109	F	151/155	190/---	171/175	286/290	pos	pos	570		232	481	411	843
	OP3391	05/04/11	WL109	n/a	151/155	---/230	171/175	---/---	pos	neg						
	OP3392	05/04/11	WL109	n/a	151/155	190/230	171/175	---/---	pos	neg						
	OP3393	05/04/11	WL109	F	151/155	190/230	171/175	286/---	pos	pos	570	892	232	481	411	843
PA1 (DRC-1) ⁷	PA76	05/27/03	KS10	M	139/151	190/194	155/183	294/298	pos	pos	542 ⁷	892		499		699 ⁷
PA2	PA75	05/27/03	KS9	M	139/147	190/194	183/187	286/294	pos	pos		892			328	
PA3	PA338	07/12/05	PA338	M	135/151	194/230	179/183	290/294	pos	neg						
	PA339	07/12/05	PA338	M	135/151	194/230	179/183	290/294	pos	pos			232			
PA4	PA366	12/15/05	PA366	M	147/151	194/230	155/179	294/298	pos	neg						
	PA367	12/15/05	PA366	M	147/151	194/230	155/179	294/298	pos	neg						
	PA368	12/15/05	PA366	M	147/151	194/230	155/179	294/298	pos	neg						
PA5	PA460	02/03/06	PA460	M	139/143	230/234	179/183	298/302	pos	neg						
	PA463	02/07/06	PA460	M	139/143	230/234	179/183	298/302	pos	neg						
	PA464	02/08/06	PA460	M	139/143	230/234	179/183	298/302	pos	neg						
PA6	PA584	03/17/06	PA584	F	135/139	226/238	155/187	294/298	pos	neg						
	PA585	03/17/06	PA584	F	135/139	226/238	155/187	294/298	pos	neg						
	PA593	03/18/06	PA584	F	135/139	226/238	155/187	294/298	pos	neg						
	PA594	03/18/06	PA584	F	135/139	226/238	155/187	294/298	pos	neg						
PA7	PA1044	09/12/06	PA1044	n/a	139/151	202/230	179/187	302/306	pos	neg						
	PA1046	09/15/06	PA1044	F	139/151	202/230	179/187	302/306	pos	neg						
	PA1047	09/15/06	PA1044	F	139/151	202/230	179/187	302/306	pos	neg						
PA8	PA1048	09/15/06	PA1044	n/a	139/151	202/230	179/187	294/306	pos	neg						
	PA1049	09/15/06	PA1044	F	139/151	202/230	179/187	294/---	pos	pos			232			
	PA1052	09/15/06	PA1044	n/a	139/151	202/230	179/187	294/306	pos	neg						
	PA1053	09/15/06	PA1044	F	139/151	202/230	179/187	294/306	pos	neg						
	PA1054	09/15/06	PA1044	F	139/151	202/230	179/187	294/306	pos	neg						
	PA1055	09/15/06	PA1044	F	139/151	202/230	179/187	---/306	pos	neg						
	PA1056	09/15/06	PA1044	F	139/151	202/---	179/187	294/306	pos	neg						
	PA1057	09/15/06	PA1044	F	139/151	202/230	179/187	294/306	pos	neg						
PA9	PA1065	12/06/06	PA1065	F	143/155	176/184	179/187	298/306	pos	neg						
PA10	PA1573	03/09/07	PA1573	F	147/151	230/230	187/187	298/302	pos	pos			232			
	PA1578	03/09/07	PA1573	F	147/151	230/230	187/187	298/302	pos	neg						
	PA1584	03/09/07	PA1573	n/a	147/151	230/230	187/187	298/302	pos	neg						
	PA1585	03/09/07	PA1573	n/a	147/151	230/230	187/187	298/302	pos	neg						
	PA1586	03/09/07	PA1573	n/a	147/151	230/230	187/187	298/302	pos	neg						
	PA1587	03/16/07	PA1573	F	147/151	230/230	187/187	298/302	pos	neg						
	PA1588	03/16/07	PA1573	F	147/151	230/230	187/187	298/302	pos	neg						
	PA1589	03/16/07	PA1573	F	147/151	230/230	187/187	298/302	pos	neg						
	PA1592	03/16/07	PA1573	F	147/151	230/230	187/187	298/302	pos	neg						
	PA1594	03/16/07	PA1573	F	147/151	230/230	187/187	298/302	pos	neg						
	PA1596	03/16/07	PA1573	n/a	147/151	230/230	187/187	298/302	pos	neg						
PA11	PA1591	03/16/07	PA1591	F	143/147	230/230	183/195	294/298	pos	neg						
PA12	PA3138	12/12/10	PA3138	M	135/139	214/230	179/187	298/302	pos	neg						
	PA3139	12/12/10	PA3138	M	135/139	214/230	179/187	298/302	pos	neg						
	PA3140	12/12/10	PA3138	M	135/139	214/230	179/187	298/302	pos	neg						
	PA3141	12/12/10	PA3138	M	135/139	214/230	179/187	298/302	pos	neg						
	PA3142	12/12/10	PA3138	M	135/139	214/230	179/187	298/302	pos	neg						
	PA3143	12/12/10	PA3138	M	135/139	214/230	179/187	298/302	pos	neg						
	PA3144	12/13/10	PA3138	M	135/139	214/230	179/187	298/302	pos	neg						
	PA3145	12/13/10	PA3138	M	135/139	214/230	179/187	298/302	pos	neg						
	PA3146	12/13/10	PA3138	M	135/139	214/230	179/187	298/302	pos	neg						
	PA3147	12/13/10	PA3138	M	135/139	214/230	179/187	298/302	pos	neg						
UB1	UB437	01/05/06	UB437	M	139/151	186/190	179/183	302/306	pos	neg						
UB2	UB445	01/18/06	UB445	M	139/155	190/202	179/183	290/302	pos	neg						

UB3	UB1456	02/22/07	UB445	M	139/151	182/234	183/187	294/302	pos	pos	232
	UB1457	02/22/07	UB445	n/a	139/151	182/234	183/187	294/302	pos	neg	
UB4	UB1458	02/22/07	UB445	M	139/139	182/234	147/187	294/294	pos	pos	232
UB5	UB446	01/18/06	UB446	M	135/139	194/202	171/183	294/302	pos	neg	
UB6	UB596	02/08/06	UB596	M	139/151	190/194	171/179	294/298	pos	neg	
	UB597	02/08/06	UB596	n/a	139/151	190/194	171/179	294/298	pos	pos	549 232 437
UB7	UB601	02/18/06	UB601	n/a	139/139	190/190	183/183	290/290	pos	neg	
	UB602	02/18/06	UB601	F	139/139	190/190	183/183	290/290	pos	neg	
	UB603	02/18/06	UB601	F	139/139	190/190	183/183	290/290	pos	neg	
WA1	WA344	06/13/05	WA344	M	147/151	186/190	171/175	294/294	pos	neg	
WA2	WA466	03/03/06	WA466	F	151/155	190/202	179/183	294/302	pos	neg	
	WA467	03/03/06	WA466	F	151/155	190/202	179/183	294/302	pos	neg	
	WA468	03/03/06	WA466	F	151/155	190/202	179/183	294/302	pos	neg	
	WA469	03/04/06	WA466	F	151/155	190/202	179/183	294/302	pos	neg	
	WA470	03/04/06	WA466	F	151/155	190/202	179/183	294/302	pos	neg	
	WA471	03/04/06	WA466	F	151/155	190/202	179/183	294/302	pos	neg	
	WA472	03/04/06	WA466	F	151/155	190/202	179/183	294/302	pos	neg	
	WA473	03/04/06	WA466	F	151/155	190/202	179/183	294/302	pos	neg	
	WA474	03/04/06	WA466	F	151/155	190/202	179/183	294/302	pos	neg	
	WA475	03/04/06	WA466	F	151/155	190/202	179/183	294/302	pos	neg	
	WA476	03/04/06	WA466	F	151/155	190/202	179/183	294/302	pos	neg	
WA3	WA519	03/19/06	KS11	n/a	139/143	190/---	151/167	286/---	pos	neg	
	WA520	03/19/06	KS11	n/a	139/143	190/202	151/167	286/302	pos	neg	
	WA522	03/20/06	KS11	n/a	139/143	190/202	151/167	286/302	pos	neg	
	WA523	03/20/06	KS11	n/a	139/143	190/202	151/167	286/302	pos	neg	
	WA524	03/20/06	KS11	n/a	139/143	190/202	151/167	286/302	pos	neg	
	WA525	03/21/06	KS11	n/a	139/143	190/202	151/167	286/302	pos	neg	
	WA526	03/21/06	KS11	n/a	139/143	190/202	151/167	286/302	pos	neg	
	WA527	03/21/06	KS11	n/a	139/143	190/202	151/167	---/302	pos	neg	
	WA529	03/24/06	KS11	n/a	139/143	190/202	151/167	286/302	pos	neg	
	WA530	03/24/06	KS11	n/a	139/143	190/202	151/167	286/302	pos	neg	
WA531	03/24/06	KS11	n/a	139/143	190/202	151/167	---/302	pos	neg		
WA4	WA547	03/28/06	KS11	F	135/143	186/194	175/179	290/294	pos	neg	
	WA551	03/29/06	KS11	F	135/143	186/194	175/179	290/294	pos	neg	
	WA552	03/29/06	KS11	F	135/143	186/194	175/179	290/294	pos	neg	
	WA553	03/29/06	KS11	F	135/143	186/194	175/179	290/294	pos	neg	
WA5	WA533	02/14/06	WL105	F	139/151	190/---	183/187	290/294	pos	neg	
	WA534	02/14/06	WL105	F	139/151	190/230	183/187	---/---	pos	neg	
	WA535	02/14/06	WL105	n/a	139/151	190/230	183/---	290/---	pos	neg	
	WA536	02/14/06	WL105	n/a	139/151	190/230	183/187	290/---	pos	neg	
	WA537	02/14/06	WL105	n/a	139/151	190/230	183/187	290/294	pos	neg	
	WA538	02/14/06	WL105	F	139/151	190/230	183/187	290/---	pos	neg	
WA6	WA539	03/28/06	WA543	M	155/159	190/202	155/187	298/302	pos	neg	
	WA541	03/28/06	WA543	M	155/159	190/202	155/187	298/302	pos	neg	
	WA542	03/28/06	WA543	M	155/159	190/202	155/187	298/302	pos	pos	434
	WA543	03/28/06	WA543	M	155/159	190/202	155/187	298/302	pos	neg	
WA550	03/29/06	WA543	M	155/159	190/202	155/187	298/302	pos	neg		
WA7	WA540	03/28/06	WA543	n/a	135/139	190/194	179/183	282/286	pos	neg	
WA8	WA549	03/29/06	WA549	F	135/139	198/202	187/191	286/318	pos	neg	
WB1	WB710	06/01/06	BD2	F	135/139	226/234	175/179	286/298	pos	neg	
	WB712	06/01/06	BD2	F	135/139	226/234	175/179	286/298	pos	neg	
	WB714	06/03/06	BD2	F	135/139	---/234	---/179	286/298	pos	neg	
WB2	WB713	06/03/06	WB713	M	135/139	230/234	175/179	290/298	pos	neg	
	WB2321	10/06/07	WB713	n/a	135/139	230/234	175/179	290/298	pos	pos	232
	WB2328	11/30/07	WB713	n/a	135/139	230/---	---/179	---/---	pos	neg	
WB3	WB2325	11/25/07	WB713	n/a	135/139	230/234	147/179	---/---	pos	neg	
	WB2332	12/02/07	WB713	F	135/139	---/234	147/---	298/302	pos	neg	
WL1	WL98	02/26/04	WL98	F	139/151	214/230	155/171	294/298	pos	neg	

¹Chimpanzees are numbered according to their field site of origin (as shown in Figure 1).

²F, female; M, male; n/a, data not available.

³Microsatellite loci are indicated. Loci or alleles that failed to amplify are indicated with dashed lines.

⁴WB, Western blot; pos, positive.

⁵Amplification of viral sequences by RT-PCR; pos, positive; neg, negative.

⁶FL, full-length viral genome.

⁷These sequences have previously been published (85).

Table S4. Enumeration of sampled bonobos at three field sites using microsatellite analyses

Bonobo ¹	Fecal sample	Collection date mm/dd/yy	mtDNA haplotype	Microsatellite loci ²								Fecal WB ³	
				D18s536	D4s243	D10s676	D9s922	D2s1326	D2s1333	D4s1627	D9s905		
IK1	IK2889	05/14/10	IK2876	138/150	162/214	166/178	---/294	---/---	---/---	---/206	---/---	neg	
	IK2928	05/18/10	IK2876	138/150	---/---	166/---	290/294	254/254	---/---	194/206	273/273	neg	
IK2	IK2927	05/18/10	IK2876	138/150	194/194	166/166	302/302	246/254	---/---	206/206	285/285	neg	
	IK2876	05/13/10	IK2876	146/150	---/---	170/178	282/290	---/---	---/---	---/---	273/---	neg	
IK3	IK2877	05/13/10	IK2876	146/150	---/---	170/178	282/290	246/262	293/293	190/210	273/285	neg	
	IK2882	05/14/10	IK2876	146/150	---/---	170/178	282/---	246/262	---/---	---/---	273/285	neg	
	IK2883	05/14/10	IK2876	146/150	---/---	---/178	282/290	---/---	---/---	---/---	273/---	neg	
	IK2880	05/13/10	IK2876	146/150	---/---	166/170	---/---	---/---	---/---	190/202	273/281	neg	
IK4	IK2898	05/16/10	IK2876	146/150	---/---	166/170	290/---	246/---	293/293	190/202	273/---	neg	
	IK2902	05/17/10	IK2876	146/150	---/---	166/170	290/318	---/---	---/---	190/202	273/281	neg	
	IK2903	05/17/10	IK2876	146/150	---/---	166/170	290/318	246/262	293/293	190/202	273/281	neg	
	IK2912	05/17/10	IK2876	146/---	---/---	166/170	290/---	---/---	---/---	---/---	273/281	neg	
	IK2913	05/17/10	IK2876	146/150	---/---	166/170	290/290	---/---	---/---	190/202	273/281	neg	
	IK2919	05/18/10	IK2876	146/150	---/---	166/170	---/---	---/---	---/---	190/202	273/281	neg	
	IK5	IK2894	05/16/10	IK2876	146/150	---/---	166/170	290/294	242/242	---/---	202/210	273/285	neg
IK2914		05/17/10	IK2876	146/150	---/---	166/170	290/---	242/242	---/---	202/210	273/---	neg	
IK2915		05/18/10	IK2876	146/150	---/---	166/170	290/294	242/242	---/---	202/210	273/285	neg	
IK6	IK2879	05/13/10	IK2879	138/138	---/202	170/182	286/---	250/254	293/293	190/214	281/---	neg	
	IK2890	05/14/10	IK2879	138/138	---/---	170/182	286/290	250/254	293/293	190/---	281/285	neg	
	IK2916	05/18/10	IK2879	138/138	178/---	170/182	286/290	---/---	---/---	---/---	281/285	neg	
IK7	IK2885	05/14/10	IK2885	138/138	206/206	---/---	294/294	242/242	---/---	194/202	---/---	neg	
IK8	IK2918	05/18/10	IK2885	138/150	---/---	166/178	290/306	---/---	---/---	190/190	285/285	neg	
IK9	IK2887	05/14/10	IK2885	150/150	---/---	166/170	290/294	---/---	---/---	190/194	273/285	neg	
	IK2896	05/16/10	IK2885	150/150	---/---	166/---	290/---	216/254	293/293	190/---	273/285	neg	
	IK2907	05/17/10	IK2885	150/150	---/---	166/170	290/294	---/254	---/---	190/194	273/285	neg	
	IK2923	05/18/10	IK2885	150/150	---/---	166/---	290/294	---/254	---/---	190/194	273/285	neg	
IK10	IK2926	05/18/10	KR3	138/154	---/---	166/178	290/294	242/242	293/293	194/194	281/281	neg	
IK11	IK2925	05/18/10	KR3	150/154	---/---	178/182	290/298	242/242	---/---	190/194	281/281	neg	
IK12	IK2911	05/17/10	KR5	138/138	---/---	166/170	298/298	242/250	---/---	---/---	---/---	neg	
IK13	IK2905	05/17/10	KR5	138/150	198/198	170/170	294/298	242/246	293/293	194/194	281/281	neg	
	IK2908	05/17/10	KR5	138/150	---/---	170/170	294/298	---/---	---/---	194/194	281/281	neg	
	IK2910	05/17/10	KR5	138/150	---/---	170/170	294/298	242/246	---/---	194/194	281/281	neg	
IK14	IK2878	05/13/10	KR5	---/150	214/214	---/---	---/---	---/---	---/---	---/---	---/285	neg	
	IK2895	05/16/10	KR5	146/150	---/---	166/170	290/294	242/242	---/---	190/190	281/285	neg	
IK15	IK2899	05/16/10	KR6	150/150	---/---	178/182	286/294	242/246	293/293	190/190	273/281	neg	
	IK2901	05/17/10	KR6	150/150	---/---	178/182	286/294	242/246	---/---	190/190	---/---	neg	
IK16	IK2891	05/16/10	KR10	138/138	---/---	166/170	294/302	254/258	---/---	190/190	273/---	neg	
	IK2920	05/18/10	KR10	138/138	---/---	166/170	294/---	254/258	293/293	190/190	273/285	neg	
IK17	IK2906	05/17/10	KR10	138/150	---/---	170/170	302/302	---/---	---/---	190/202	273/281	neg	
KR1	KR21	11/07/06	IK2876	146/150	190/190	170/170	294/294	238/254	293/293	194/210	281/---	neg	
	KR38	12/07/06	IK2876	146/150	190/190	170/170	294/294	238/254	293/293	---/210	281/289	neg	
KR2	KR33	12/06/06	IK2876	146/150	190/198	170/170	290/294	238/254	293/293	194/210	281/289	neg	
	KR50	12/16/06	IK2876	146/150	190/198	170/170	290/294	238/254	293/293	194/210	281/289	neg	
	KR51	12/18/06	IK2876	146/150	---/---	170/170	---/---	238/254	---/---	194/210	---/289	neg	
KR3	KR76	n/a	IK2876	154/154	---/---	166/178	---/---	---/---	210/214	281/281	neg		
KR4	KR77	n/a	IK2876	150/154	194/202	170/178	298/310	250/254	293/293	190/214	281/289	neg	
KR5	KR02	09/28/06	KR2	146/150	---/---	170/182	---/306	238/258	---/---	190/190	---/---	neg	
	KR16	10/28/06	KR2	146/150	---/---	170/182	---/306	238/---	---/---	190/190	281/281	neg	
	KR25	11/22/06	KR2	146/150	194/194	170/182	294/306	238/258	293/293	190/190	---/---	neg	
	KR40	12/07/06	KR2	146/150	194/194	170/182	294/306	238/258	293/293	190/190	281/281	neg	
	KR47	12/16/06	KR2	146/150	194/194	170/182	294/306	238/258	293/293	190/190	281/281	neg	
	KR6	KR13	10/28/06	KR3	138/146	---/---	170/182	306/314	238/238	293/293	190/194	---/---	neg
KR7	KR03	09/29/06	KR3	138/146	194/202	170/182	290/306	238/242	293/293	190/194	273/281	neg	
	KR12	10/28/06	KR3	138/146	194/202	170/182	290/306	238/242	293/293	190/194	273/281	neg	
	KR43	12/13/06	KR3	138/146	194/202	170/182	290/306	238/242	293/293	190/194	273/281	neg	
KR8	KR65	12/31/06	KR3	138/146	206/210	170/178	298/306	230/230	293/293	190/194	281/289	neg	
	KR9	KR04	09/29/06	KR3	138/150	202/202	178/182	290/310	---/---	---/---	194/206	273/281	neg
		KR37	12/07/06	KR3	138/150	202/202	178/182	290/310	238/242	293/293	194/206	273/281	neg
		KR42	12/13/06	KR3	138/150	202/202	178/182	290/310	238/242	293/293	194/206	273/281	neg
		KR57	12/19/06	KR3	138/150	202/202	178/182	290/310	238/242	293/293	194/206	273/281	neg
KR10	KR64	12/31/06	KR3	138/150	202/210	170/190	290/306	238/254	293/293	190/190	281/281	neg	
	KR11	KR07	10/21/06	KR3	138/154	202/202	182/194	---/---	250/254	293/293	190/210	281/281	neg
KR18		11/07/06	KR3	138/154	---/---	182/194	---/---	250/254	---/---	---/---	---/---	neg	
KR32		12/06/06	KR3	138/154	202/202	182/194	286/---	250/254	293/293	190/210	281/281	neg	
KR46		12/16/06	KR3	138/154	202/202	182/194	---/290	250/254	293/293	190/210	281/281	neg	
KR58		12/19/06	KR3	138/154	202/202	182/194	---/---	250/---	293/293	190/210	281/281	neg	
KR12	KR75	n/a	KR3	138/154	198/198	166/198	290/298	238/262	293/293	194/202	281/281	neg	
KR13	KR70	01/04/07	KR3	146/154	206/206	166/178	294/294	238/262	293/293	194/214	281/289	neg	

KR14	KR78	n/a	KR3	146/154	---/---	170/182	---/---	242/250	293/293	194/194	281/285	neg
KR15	KR11	10/21/06	KR3	150/154	---/---	170/182	---/---	250/258	---/---	210/214	281/289	neg
	KR20	11/07/06	KR3	150/154	202/202	170/182	290/310	250/258	293/293	210/214	281/289	neg
KR16	KR15	10/28/06	KR5	138/138	194/242	186/186	328/328	---/---	---/---	190/190	---/---	neg
KR17	KR63	12/31/06	KR5	138/146	198/198	166/170	298/306	242/254	293/293	190/190	281/285	neg
KR18	KR05	09/29/06	KR5	138/150	---/---	170/170	---/---	---/---	293/293	---/---	281/281	neg
	KR14	10/28/06	KR5	138/150	---/---	170/170	286/310	258/262	---/---	190/194	281/281	neg
	KR30	11/26/06	KR5	138/150	194/206	170/170	286/310	258/262	293/293	190/194	281/281	neg
	KR36	12/07/06	KR5	138/150	194/206	170/170	286/310	258/262	293/293	190/194	281/281	neg
KR19	KR34	12/07/06	KR5	138/150	194/202	170/182	286/310	254/258	293/293	190/194	281/281	neg
	KR35	12/07/06	KR5	138/150	194/202	---/182	286/310	254/258	293/293	190/194	281/281	neg
	KR59	12/19/06	KR5	138/150	---/---	170/182	---/---	254/258	---/---	190/194	281/281	neg
KR20	KR60	12/31/06	KR5	146/154	190/202	170/170	298/298	242/242	293/293	190/194	281/285	neg
	KR61	12/31/06	KR5	146/154	190/202	170/170	298/298	242/242	293/293	190/194	281/285	neg
KR21	KR19	11/07/06	KR5	150/150	202/202	182/182	310/310	---/---	---/---	---/---	---/---	neg
KR22	KR44	12/15/06	KR5	150/150	186/202	170/182	290/310	250/258	293/293	202/214	281/281	neg
KR23	KR45	12/15/06	KR5	150/150	194/194	170/182	286/310	258/262	293/293	194/202	281/289	neg
KR24	KR26	11/22/06	KR5	150/150	---/---	170/182	290/310	258/262	293/293	202/214	281/289	neg
	KR56	12/19/06	KR5	150/150	194/202	170/182	290/310	258/262	293/293	202/214	281/289	neg
KR25	KR62	12/31/06	KR5	150/154	---/---	170/178	---/---	246/246	---/---	202/214	273/285	neg
KR26	KR06	10/21/06	KR6	138/150	---/---	170/178	---/---	242/254	293/293	202/210	289/289	neg
KR27	KR17	11/07/06	KR6	138/150	194/194	170/178	---/---	---/---	293/293	---/214	---/---	neg
	KR24	11/22/06	KR6	138/150	---/---	---/178	---/---	242/254	---/---	202/214	281/281	neg
KR28	KR67	01/04/07	KR10	138/146	198/198	178/178	298/306	246/258	293/293	202/210	273/289	neg
KR29	KR27	11/22/06	KR10	146/150	202/202	170/182	290/302	262/262	293/293	190/194	281/285	neg
	KR54	12/19/06	KR10	146/150	202/202	170/182	290/302	262/262	293/293	190/194	281/285	neg
KR30	KR10	10/21/06	KR10	146/150	174/182	170/182	---/---	262/262	---/---	190/194	---/---	neg
	KR22	11/10/06	KR10	146/150	---/---	170/182	290/302	262/262	---/---	190/194	281/285	neg
	KR39	12/07/06	KR10	146/150	---/---	---/---	290/302	262/262	293/293	190/194	---/---	neg
KR31	KR23	11/10/06	KR23	154/154	---/---	166/178	286/310	242/258	293/293	190/190	281/281	neg
	KR41	12/07/06	KR23	154/154	---/---	166/178	---/310	242/258	293/293	190/190	281/281	neg
	KR52	12/19/06	KR23	154/154	---/---	166/178	---/---	242/258	---/---	190/190	---/---	neg
	KR53	12/19/06	KR23	154/154	---/---	166/178	---/---	242/258	293/293	190/190	281/281	neg
KR32	KR31	11/26/06	KR23	150/154	206/206	166/166	---/---	---/---	293/293	190/238	---/---	neg
KR33	KR74	n/a	KR23	150/154	198/198	178/186	290/306	246/258	293/293	210/214	281/289	neg
KR34	KR48	12/16/06	KR48	138/154	198/202	178/178	294/310	242/254	293/293	190/190	285/289	neg
KR35	KR66	12/31/06	KR66	150/150	---/---	182/182	---/---	---/---	---/---	---/---	---/---	neg
KR36	KR73	01/04/07	KR73	154/154	---/---	170/182	---/---	---/---	---/---	---/---	289/289	neg
KR37	KR69	01/04/07	LK664	138/146	---/---	170/182	---/---	---/---	---/---	194/194	281/281	neg
KR38	KR68	01/04/07	LK664	138/150	---/---	170/182	---/---	242/268	293/293	194/202	281/289	neg
LK1	LK645	03/24/06	LK645	138/142	190/---	178/182	290/298	246/266	285/293	214/218	273/281	neg
	LK651	04/06/06	LK645	138/142	190/194	178/182	290/298	246/266	---/---	214/218	273/281	neg
LK2	LK670	05/11/06	LK645	138/138	---/---	178/186	290/310	246/246	---/---	214/214	273/273	neg
LK3	LK674	05/19/06	LK645	138/150	158/170	178/200	---/---	246/246	---/---	---/---	273/285	neg
LK4	LK646	03/24/06	LK646	138/138	202/206	166/170	310/314	246/262	293/297	210/214	273/281	neg
	LK653	04/06/06	LK646	138/138	202/206	166/170	310/314	246/262	293/297	210/214	273/---	neg
	LK657	05/05/06	LK646	138/138	202/206	166/170	310/314	246/262	293/297	210/214	273/---	neg
	LK658	05/05/06	LK646	138/138	202/206	166/170	310/314	246/262	293/297	210/214	273/---	neg
	LK662	05/05/06	LK646	138/138	202/206	166/170	310/314	246/262	293/297	210/214	273/---	neg
	LK666	05/11/06	LK646	138/138	202/206	166/170	310/314	246/262	293/297	210/214	273/---	neg
	LK671	05/11/06	LK646	138/138	202/206	166/170	310/314	246/262	293/297	210/214	273/---	neg
	LK678	05/19/06	LK646	138/138	---/---	166/170	---/---	246/262	293/297	210/214	273/---	neg
LK5	LK685	05/19/06	LK646	138/142	---/---	166/182	290/294	258/266	293/293	190/190	273/273	neg
LK6	LK647	03/28/06	LK647	142/150	202/202	166/---	298/314	242/262	293/293	210/214	285/285	neg
	LK649	04/03/06	LK647	142/150	202/202	166/174	298/314	242/262	293/293	210/214	285/285	neg
LK7	LK667	05/11/06	LK647	138/150	206/206	166/178	306/306	258/262	293/293	210/214	273/281	neg
LK8	LK648	03/28/06	LK648	138/150	202/206	182/182	290/306	242/258	293/293	210/210	273/281	neg
	LK679	05/19/06	LK648	138/150	202/206	182/182	290/306	242/258	293/293	210/210	273/281	neg
	LK681	05/19/06	LK648	138/150	202/206	182/182	290/306	242/258	293/293	210/210	273/281	neg
	LK682	05/19/06	LK648	138/150	202/206	182/182	290/306	242/258	293/293	210/210	273/281	neg
LK9	LK654	04/16/06	LK648	138/150	198/202	170/182	310/318	254/258	293/293	190/210	281/285	neg
	LK677	05/19/06	LK648	138/150	198/202	170/182	310/318	254/258	293/293	190/210	281/285	neg
	LK686	05/24/06	LK648	138/150	---/---	170/182	---/---	254/258	293/293	190/210	281/285	neg
	LK687	05/24/06	LK648	138/150	---/---	170/182	---/---	254/258	293/293	190/210	281/285	neg
LK10	LK676	05/19/06	LK648	138/150	202/202	170/182	310/318	254/258	293/293	190/210	281/281	neg
LK11	LK680	05/19/06	LK648	142/146	202/202	182/182	306/310	242/258	293/293	210/210	273/273	neg
LK12	LK650	04/06/06	LK650	138/138	202/206	166/182	290/306	258/258	293/293	190/190	273/281	neg
LK13	LK661	05/05/06	LK650	138/146	202/202	166/182	306/306	246/254	293/293	206/210	273/281	neg
	LK683	05/19/06	LK650	138/146	202/202	166/182	306/306	246/254	---/---	206/210	273/281	neg
	LK684	05/19/06	LK650	138/146	202/202	166/182	306/306	246/254	293/293	206/210	273/281	neg
LK14	LK652	04/06/06	LK652	138/138	---/202	166/170	---/---	246/266	293/293	190/210	---/---	neg
	LK659	05/05/06	LK652	138/138	---/202	166/170	286/292	246/266	293/293	190/210	273/273	neg
	LK663	05/11/06	LK652	138/138	---/202	166/170	286/292	246/266	293/293	190/210	273/273	neg
	LK665	05/11/06	LK652	138/138	198/202	166/170	286/292	246/266	293/293	190/210	273/273	neg

LK15	LK664	05/11/06	LK664	138/150	---/---	170/190	---/---	262/262	---/---	210/214	---/---	neg
LK16	LK668	05/11/06	LK664	138/146	206/206	174/178	---/306	258/258	293/293	206/210	273/281	neg
	LK672	05/11/06	LK664	138/146	206/206	174/178	264/306	258/258	293/293	206/210	273/281	neg
LK17	LK673	05/19/06	LK673	138/138	206/206	170/170	306/318	238/266	293/293	210/210	273/281	neg

¹Individual bonobos are numbered according to their field site of origin (as shown in Figure 1).

²Microsatellite loci are indicated; alleles that failed to amplify are indicated by dashed lines.

³WB, Western blot; neg, negative.