

**Supplementary Table S2.** Available information on the non-human great apes samples considered in the study.

Species	Code of individual (or studybook ID    Name of		Sex1	Origin1	DNA sample collection2	NAT1	GenBank	NAT2	GenBank	NATP	GenBank
	as reported in GAGP)1	individual1				phased genotype3	accession number4	phased genotype3	accession number4	phased genotype3	accession number4
Pan troglodytes sub-species											
P. t. verus	C311	Judumi	M	-	CARTA	*1/*1	MK245079/MK245080	*1/*4	MK245233/MK245234	*2/*6	MK245386/MK245387
P. t. verus	C312	Akimel	M	-	CARTA	*1/*2	MK245081/MK245082	*1/*1	MK245235/MK245236	*1/*2	MK245388/MK245389
P. t. verus	C313	Tanya	F	-	CARTA	*1/*1	MK245083/MK245084	*1/*1	MK245237/MK245238	*2/*7	MK245390/MK245391
P. t. verus	C314	Mohg	M	-	CARTA	*1/*3	MK245085/MK245086	*1/*1	MK245239/MK245240	*7/*8	MK245392/MK245393
P. t. verus	C315	Tohbi	M	-	CARTA	*1/*2	MK245087/MK245088	*1/*1	MK245241/MK245242	*2/*7	MK245394/MK245395
P. t. verus	C316	Tamblo	M	-	CARTA	*1/*3	MK245089/MK245090	*1/*1	MK245243/MK245244	*1/*8	MK245396/MK245397
P. t. verus	C317	Angie	F	-	CARTA	*1/*1	MK245091/MK245092	*1/*2	MK245245/MK245246	*1/*1	MK245398/MK245399
P. t. verus	C318	Reeuh	M	-	CARTA	*1/*1	MK245093/MK245094	*2/*4	MK245247/MK245248	*1/*6	MK245400/MK245401
P. t. verus	C319	Papa	M	-	CARTA	*1/*1	MK245095/MK245096	*1/*1	MK245249/MK245250	*1/*1	MK245402/MK245403
P. t. verus	C320	Patti	F	-	CARTA	*1/*1	MK245097/MK245098	*1/*1	MK245251/MK245252	*1/*7	MK245404/MK245405
P. t. verus	C321	Mahsho	M	-	CARTA	*1/*1	MK245099/MK245100	*1/*1	MK245253/MK245254	*2/*7	MK245406/MK245407
P. t. verus	C322	Miloni	F	-	CARTA	*1/*1	MK245101/MK245102	*1/*1	MK245255/MK245256	*2/*7	MK245408/MK245409
P. t. verus	C323	Pehgia	F	-	CARTA	*1/*1	MK245103/MK245104	*1/*2	MK245257/MK245258	*1/*1	MK245410/MK245411
P. t. verus	C324	Mahi	F	-	CARTA	*1/*1	MK245105/MK245106	*1/*1	MK245259/MK245260	*7/*7	MK245412/MK245413
P. t. verus	C325	Tang	F	-	CARTA	*1/*1	MK245107/MK245108	*1/*1	MK245261/MK245262	*2/*7	MK245414/MK245415
P. t. verus	C326	Tody	F	-	CARTA	*1/*1	MK245109/MK245110	*1/*1	MK245263/MK245264	*1/*2	MK245416/MK245417
P. t. verus	C328	Kakaichu	F	-	CARTA	*1/*4	MK245111/MK245112	*1/*1	MK245265/MK245266	*2/*2	MK245418/MK245419
P. t. verus	C329	Quincy	F	-	CARTA	*1/*1	MK245113/MK245114	*1/*1	MK245267/MK245268	*1/*2	MK245420/MK245421
P. t. verus	C330	Geronimo	M	-	CARTA	*1/*3	MK245115/MK245116	*1/*1	MK245269/MK245270	*2/*8	MK245422/MK245423
P. t. verus	CYN92-49	-	F	-	CARTA	*2/*4	MK245121/MK245122	*1/*1	MK245271/MK245272	*1/*2	MK245424/MK245425
P. t. verus	CYN94_67	-	F	-	CARTA	*1/*1	MK245119/MK245120	*1/*1	MK245273/MK245274	*2/*2	MK245426/MK245427
P. t. verus	CYN98-355	-	M	-	CARTA	*1/*2	MK245127/MK245128	*1/*4	MK245275/MK245276	*2/*7	MK245428/MK245429
P. t. verus	C13605	-	-	-	CARTA	*1/*1	MK245117/MK245118	*1/*1	MK245277/MK245278	*2/*2	MK245430/MK245431
P. t. verus	-	Fox	-	-	CARTA	*1/*5	MK245125/MK245126	*1/*1	MK245279/MK245280	*2/*2	MK245432/MK245433
P. t. verus	-	Susie	F	-	CARTA	*1/*4	MK245123/MK245124	*1/*1	MK245281/MK245282	*2/*7	MK245358/MK245359
P. t. verus	215?	Boscoe	M	-	CARTA (& GAGP)	*1/*1	MK245129/MK245130	*1/*1	MK245283/MK245284	*7/*7	MK245436/MK245437
P. t. verus	691711	Eros	M	-	Basel zoo	*1/*1	MK245131/MK245132	*1/*1	MK245285/MK245286	*1/*2	MK245438/MK245439

<i>P. t. verus</i>	741715	Jacky	M	-	Basel zoo	*1/*1	MK245133/MK245134	*1/*1	MK245287/MK245288	*1/*2	MK245440/MK245441
<i>P. t. verus</i>	bprc01	Annaclara	F	-	BPRC	*1/*1	MK244999/MK245000	*1/*1	MK245153/MK245154	*1/*1	MK245306/MK245307
<i>P. t. verus</i>	bprc02	Agnetta	F	-	BPRC	*1/*4	MK245001/MK245002	*1/*1	MK245155/MK245156	*1/*2	MK245308/MK245309
<i>P. t. verus</i>	bprc03	Bram	M	-	BPRC	*2/*4	MK245003/MK245004	*1/*1	MK245157/MK245158	*1/*7	MK245310/MK245311
<i>P. t. verus</i>	bprc04	Carolina	F	Sierra Leone	BPRC	*1/*1	MK245005/MK245006	*1/*1	MK245159/MK245160	*1/*2	MK245312/MK245313
<i>P. t. verus</i>	bprc05	Centa	F	-	BPRC	*1/*4	MK245007/MK245008	*1/*1	MK245161/MK245162	*2/*5	MK245314/MK245315
<i>P. t. verus</i>	bprc06	Debbie	F	Sierra Leone	BPRC	*1/*4	MK245009/MK245010	*1/*1	MK245163/MK245164	*1/*2	MK245316/MK245317
<i>P. t. verus</i>	bprc07	Diana	F	Sierra Leone	BPRC	*2/*4	MK245011/MK245012	*1/*5	MK245165/MK245166	*2/*7	MK245318/MK245319
<i>P. t. verus</i>	bprc08	Dirk1	M	-	BPRC	*1/*1	MK245013/MK245014	*1/*2	MK245167/MK245168	*2/*4	MK245320/MK245321
<i>P. t. verus</i>	bprc09	Erik	M	-	BPRC	*1/*1	MK245015/MK245016	*1/*1	MK245169/MK245170	*2/*2	MK245322/MK245323
<i>P. t. verus</i>	bprc10	Femma	F	-	BPRC	*1/*1	MK245017/MK245018	*1/*1	MK245171/MK245172	*1/*2	MK245324/MK245325
<i>P. t. verus</i>	bprc11	Frits	M	Sierra Leone	BPRC	*1/*1	MK245019/MK245020	*1/*1	MK245173/MK245174	*2/*5	MK245326/MK245327
<i>P. t. verus</i>	bprc12	Gina	F	Sierra Leone	BPRC	*4/*4	MK245021/MK245022	*1/*1	MK245175/MK245176	*2/*2	MK245328/MK245329
<i>P. t. verus</i>	bprc13	Jolanda	F	Sierra Leone	BPRC	*1/*1	MK245023/MK245024	*1/*1	MK245177/MK245178	*1/*1	MK245330/MK245331
<i>P. t. verus</i>	bprc14	Karin	F	Sierra Leone	BPRC	*1/*4	MK245025/MK245026	*1/*1	MK245181/MK245182	*2/*2	MK245332/MK245333
<i>P. t. verus</i>	bprc15	Lady	F	Sierra Leone	BPRC	*1/*1	MK245027/MK245028	*1/*1	MK245179/MK245180	*1/*2	MK245334/MK245335
<i>P. t. verus</i>	bprc16	Liesbeth	F	Sierra Leone	BPRC	*1/*1	MK245029/MK245030	*1/*1	MK245183/MK245184	*1/*2	MK245336/MK245337
<i>P. t. verus</i>	bprc17	Louise	F	Sierra Leone	BPRC	*1/*1	MK245031/MK245032	*1/*1	MK245185/MK245186	*1/*1	MK245338/MK245339
<i>P. t. verus</i>	bprc18	Marco	M	Sierra Leone	BPRC	*1/*1	MK245033/MK245034	*1/*2	MK245187/MK245188	*2/*4	MK245340/MK245341
<i>P. t. verus</i>	bprc19	Olga	F	-	BPRC	*1/*1	MK245035/MK245036	*1/*1	MK245189/MK245190	*1/*1	MK245342/MK245343
<i>P. t. verus</i>	bprc20	Oscar	M	-	BPRC	*1/*1	MK245037/MK245038	*1/*1	MK245191/MK245192	*1/*2	MK245344/MK245345
<i>P. t. verus</i>	bprc21	Pearl	F	Sierra Leone	BPRC	*1/*1	MK245039/MK245040	*1/*3	MK245193/MK245194	*2/*2	MK245346/MK245347
<i>P. t. verus</i>	bprc22	Renee	F	Sierra Leone	BPRC	*1/*6	MK245041/MK245042	*1/*1	MK245195/MK245196	*1/*1	MK245348/MK245349
<i>P. t. verus</i>	bprc23	Robert	M	-	BPRC	*1/*4	MK245043/MK245044	*1/*1	MK245197/MK245198	*1/*2	MK245350/MK245351
<i>P. t. verus</i>	bprc24	Sonja	F	Sierra Leone	BPRC	*1/*1	MK245045/MK245046	*1/*1	MK245199/MK245200	*1/*2	MK245352/MK245353
<i>P. t. verus</i>	bprc25	Sherry	F	Sierra Leone	BPRC	*1/*1	MK245047/MK245048	*1/*1	MK245201/MK245202	*1/*1	MK245354/MK245355
<i>P. t. verus</i>	bprc26	Socrates	M	-	BPRC	*1/*4	MK245049/MK245050	*1/*1	MK245203/MK245204	*1/*2	MK245356/MK245357
<i>P. t. verus</i>	bprc27	Susie	F	Sierra Leone	BPRC	*1/*1	MK245051/MK245052	*1/*1	MK245205/MK245206	*1/*2	MK245434/MK245435
<i>P. t. verus</i>	bprc28	Toetie	F	Sierra Leone	BPRC	*1/*1	MK245053/MK245054	*1/*1	MK245207/MK245208	*2/*2	MK245360/MK245361
<i>P. t. verus</i>	bprc29	Yoko	F	Sierra Leone	BPRC	*1/*2	MK245055/MK245056	*1/*1	MK245209/MK245210	*1/*1	MK245362/MK245363
<i>P. t. verus</i>	bprc30	Yvonne	F	Sierra Leone	BPRC	*1/*1	MK245057/MK245058	*1/*1	MK245211/MK245212	*1/*1	MK245364/MK245365
<i>P. t. verus</i>	bprc31	Cindy	F	-	BPRC	*1/*1	MK245059/MK245060	*2/*2	MK245213/MK245214	*4/*4	MK245366/MK245367
<i>P. t. verus</i>	bprc32	Christa	F	-	BPRC	*1/*4	MK245061/MK245062	*1/*1	MK245215/MK245216	*2/*5	MK245368/MK245369
<i>P. t. verus</i>	bprc33	Lenny	M	-	BPRC	*1/*1	MK245063/MK245064	*1/*2	MK245217/MK245218	*1/*1	MK245370/MK245371
<i>P. t. verus</i>	bprc34	Zorro	M	-	BPRC	*1/*1	MK245065/MK245066	*1/*2	MK245219/MK245220	*4/*7	MK245372/MK245373

<i>P. t. verus</i>	bprc35	Marti	M	-	BPRC	*1/*4	MK245067/MK245068	*1/*1	MK245221/MK245222	*1/*2	MK245374/MK245375
<i>P. t. verus</i>	bprc36	Regina	F	Sierra Leone	BPRC	*1/*1	MK245069/MK245070	*1/*1	MK245223/MK245224	*1/*2	MK245376/MK245377
<i>P. t. verus</i>	bprc37	Yoran	M	-	BPRC	*1/*1	MK245071/MK245072	*1/*2	MK245225/MK245226	*1/*4	MK245378/MK245379
<i>P. t. verus</i>	bprc38	Joachim	M	-	BPRC	*1/*1	MK245073/MK245074	*1/*1	MK245227/MK245228	*2/*2	MK245380/MK245381
<i>P. t. verus</i>	bprc39	Bob	M	-	BPRC	*1/*1	MK245075/MK245076	*1/*1	MK245229/MK245230	*1/*5	MK245382/MK245383
<i>P. t. verus</i>	bprc40	Gerda	F	-	BPRC	*1/*4	MK245077/MK245078	*1/*1	MK245231/MK245232	*1/*7	MK245384/MK245385
<i>P. t. verus</i>	bprc41	Izaak	M	Sierra Leone	BPRC	*1/*4		*1/*2		*4/*7	
<i>P. t. verus</i>	bprc42	Gerrit	M	Sierra Leone	BPRC	n.d.		n.d.		*1/*2	
<i>P. t. verus</i>	bprc43	Indira	F	Sierra Leone	BPRC	n.d.		n.d.		n.d.	
<i>P. t. verus</i>	bprc44	Jacob	M	Sierra Leone	BPRC	n.d.		n.d.		n.d.	
<i>P. t. verus</i>	bprc45	Marga	F	Sierra Leone	BPRC	n.d.		n.d.		*4/*7	
<i>P. t. verus</i>	bprc46	Nina	F	Sierra Leone	BPRC	n.d.		n.d.		n.d.	
<i>P. t. verus</i>	bprc47	Tasja	F	Sierra Leone	BPRC	n.d.		n.d.		*2/*1	
<i>P. t. verus</i>	bprc48	Tineke	F	Sierra Leone	BPRC	n.d.		n.d.		n.d.	
<i>P. t. verus</i>	bprc49	Wodka	F	Sierra Leone	BPRC	n.d.		n.d.		n.d.	
<i>P. t. verus</i>	10784	Jimmie	F	West Africa	GAGP	*1/*1		*1/*1		*2/*2	
<i>P. t. verus</i>	650?	Koby	M	-	GAGP	*1/*1		*1/*2		*2/*2	
<i>P. t. verus</i>	C0471	Clint	M	-	GAGP	*1/*4		*1/*1		*2/*2	
<i>P. t. ellioti</i>	LWC038	Paquita	F	Cameroon	GAGP	*1/*1		*6/*6		*2/*15	
<i>P. t. ellioti</i>	LWC046	Tobi	F	Cameroon	GAGP	*1/*7		*6/*6		*2/*8	
<i>P. t. ellioti</i>	LWC12	Damian	M	Cameroon	GAGP	*1/*10		*6/*6		*2/*8	
<i>P. t. ellioti</i>	LWC2	Akwaya-Jean	M	Cameroon	GAGP	*1/*1		*4/*6		*2/*15	
<i>P. t. ellioti</i>	LWC21	Julie	F	Cameroon	GAGP	*7/*10		*1/*6		*8/*12	
<i>P. t. ellioti</i>	LWC23	Kopongo	F	Cameroon	GAGP	*1/*1		*6/*6		*2/*15	
<i>P. t. ellioti</i>	LWC24	Koto	M	Cameroon	GAGP	*1/*1		*6/*6		*2/*8	
<i>P. t. ellioti</i>	LWC43	Taweh	M	Cameroon	GAGP	*2/*10		*4/*6		*2/*8	
<i>P. t. ellioti</i>	LWC7	Banyo	F	Cameroon	GAGP	*1/*1		*6/*6		*11/*11	
<i>P. t. ellioti</i>	LWC8	Basho	M	Cameroon	GAGP	*1/*10		*6/*6		*2/*14	
<i>P. t. troglodytes</i>	C327	Bischk	F	-	CARTA	*1/*3	MK245137/MK245138	*1/*6	MK245291/MK245292	*1/*8	MK245444/MK245445
<i>P. t. troglodytes</i>	10306?	Julie	F	Gabon	GAGP	*1/*1		*4/*4		*2/*16	
<i>P. t. troglodytes</i>	-	Vaillant	M	Gabon	GAGP	*1/*10		*4/*4		*8/*9	
<i>P. t. troglodytes</i>	-	Doris	F	Gabon	GAGP	*1/*8		*4/*4		*3/*3	
<i>P. t. troglodytes</i>	-	Clara	F	Gabon	GAGP	*1/*1		*4/*4		*9/*9	

<i>P. t. schweinfurthii</i>	ISIS #925	Harriet	F	Uganda	CARTA (& GAGP)	*1/*1	MK245135/MK245136	*4/*4	-	*2/*2	MK245442/MK245443
<i>P. t. schweinfurthii</i>	BB-042a	Andromeda	F	Tanzania	GAGP (Gombe Natl. Park)	*1/*3		*4/*10		*2/*8	
<i>P. t. schweinfurthii</i>	Ch-045	Vincent	M	Tanzania	GAGP (Gombe Natl. Park)	*1/*9		*4/*4		*2/*10	
<i>P. t. schweinfurthii</i>	-	Bwambale	M	Uganda	GAGP	*1/*1		*4/*4		*2/*11	
<i>P. t. schweinfurthii</i>	-	Kidongo	F	Democratic Republic of Congo	GAGP	*10/*11		*4/*4		*11/*17	
<i>P. t. schweinfurthii</i>	-	Nakuu	F	Democratic Republic of Congo	GAGP	*1/*1		*4/*4		*2/*2	
<i>P. t. verus/troglodytes</i>	C0551	Donald	M	-	GAGP	*1/*1		*1/*4		*2/*13	

#### ***Pan paniscus* species**

<i>P. paniscus</i>	-	Bonobo	-	-	CARTA	*1/*6	MK245139/MK245140	*7/*9	MK245293/MK245294	*18/*18	MK245446/MK245447
<i>P. paniscus</i>	LB502	LB502	F	-	GAGP	*6/*12		*7/*7		*18/*18	
<i>P. paniscus</i>	52	Salonga	F	-	GAGP	*1/*6		*7/*7		*18/*18	
<i>P. paniscus</i>	260	Kumbuka	F	-	GAGP	*1/*6		*7/*7		*18/*18	
<i>P. paniscus</i>	91	Hortense	F	-	GAGP	*1/*6		*7/*7		*18/*18	
<i>P. paniscus</i>	166	Kosana	F	-	GAGP	*6/*12		*7/*7		*18/*19	
<i>P. paniscus</i>	67	Dzeeta	F	-	GAGP	*1/*12		*7/*7		*18/*18	
<i>P. paniscus</i>	88	Hermien	F	-	GAGP	*12/*12		*7/*7		*18/*18	
<i>P. paniscus</i>	57	Desmond	M	-	GAGP	*1/*6		*7/*7		*18/*18	
<i>P. paniscus</i>	55	Catherine	F	-	GAGP	*6/*6		*7/*7		*18/*18	
<i>P. paniscus</i>	56	Kombote	F	-	GAGP	*6/*6		*7/*9		*18/*18	
<i>P. paniscus</i>	220	Chipita	F	-	GAGP	*1/*6		*7/*8		*18/*18	
<i>P. paniscus</i>	102	Bono	M	-	GAGP	*6/*6		*7/*7		*18/*18	
<i>P. paniscus</i>	46	Natalie	F	-	GAGP	*6/*12		*7/*7		*18/*18	

#### ***Gorilla gorilla* sub-species**

<i>G. g.</i> (undefined)	-	GORYN00-51	M	-	CARTA	unphased	MK245148	unphased	-	unphased	-
<i>G. g. gorilla</i>	960298	Kisoro	M	-	Basel zoo	unphased	MK245149	unphased	MK245295	unphased	MK245448
<i>G. g. gorilla</i>	960297	Joas	F	-	Basel zoo	unphased	MK245150	unphased	MK245296	unphased	MK245449
<i>G. g. gorilla</i>	830293	Faddama	F	-	Basel zoo	unphased	MK245151	unphased	MK245297	unphased	MK245450

<i>G. g. gorilla</i>	120305	Enea	F	-	Basel zoo	unphased	MK245152	unphased	MK245298	unphased	MK245451
<i>G. g. gorilla</i>	9749	Kowali	-	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	9750	Azizi	-	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	9751	Bulera	-	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	9752	Suzie	-	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	9753	Kokomo	-	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	A930	Sandra	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	A931	Banjo	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	A932	Mimi	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	A933	Dian	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	A934	Delphi	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	A936	Coco	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	A937	Kolo	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	A962	Amani	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	B642	Akiba Beri	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	B643	Choomba	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	B644	Paki	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	B647	Anthal	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	B650	Katie	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	KB3782	Vila	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	KB3784	Dolly	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	KB4986	Katie	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	KB5792	Carolyn	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	KB5852	Helen	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	KB6039	Oko	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	KB7973	Porta	F	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	X00108	Abe	M	-	GAGP	unphased		unphased		unphased	
<i>G. g. gorilla</i>	X00109	Tzambo	M	-	GAGP	unphased		unphased		unphased	
<i>G. g. dielhi</i>	B646	Nyango	F	-	GAGP	unphased		unphased		unphased	

***Gorilla beringei* species**

<i>G. b. graueri</i>	9732	Mkubwa	M	-	GAGP	unphased		unphased		unphased	
<i>G. b. graueri</i>	A929	Kaisi	M	-	GAGP	unphased		unphased		unphased	
<i>G. b. graueri</i>	-	Victoria	F	-	GAGP	unphased		unphased		unphased	

**Pongo species**

<i>Pongo</i> (undefined)	-	ORANG	M	-	CARTA	unphased	-	unphased	-	unphased	MK245452
<i>P. abelii</i>	133060	Budi	M	-	Basel zoo	unphased	MK245141	unphased	MK245299	unphased	MK245453
<i>P. abelii</i>	123057	Vendel	M	-	Basel zoo	unphased	MK245142	unphased	MK245300	unphased	MK245454
<i>P. abelii</i>	123058	Revital	F	-	Basel zoo	unphased	MK245143	unphased	MK245301	unphased	MK245455
<i>P. abelii</i>	820344	Patpat/Schubbi	M	-	Basel zoo	unphased	MK245144	unphased	MK245302	unphased	MK245456
<i>P. abelii</i>	920353	Farida	F	-	Basel zoo	unphased	MK245145	unphased	MK245303	unphased	MK245457
<i>P. abelii</i>	760341	Sexta	F	-	Basel zoo	unphased	MK245146	unphased	MK245304	unphased	MK245458
<i>P. abelii</i>	620332	Kasih	F	-	Basel zoo	unphased	MK245147	unphased	MK245305	unphased	MK245459
<i>P. abelii</i>	A947	Elsi	F	-	GAGP	unphased		unphased		unphased	
<i>P. abelii</i>	A948	Kiki	F	-	GAGP	unphased		unphased		unphased	
<i>P. abelii</i>	A949	Dunja	F	-	GAGP	unphased		unphased		unphased	
<i>P. abelii</i>	A950	Babu	F	-	GAGP	unphased		unphased		unphased	
<i>P. abelii</i>	A952	Buschi	M	-	GAGP	unphased		unphased		unphased	
<i>P. pygmaeus</i>	A939	Nonja	F	-	GAGP	unphased		unphased		unphased	
<i>P. pygmaeus</i>	A940	Temmy	F	-	GAGP	unphased		unphased		unphased	
<i>P. pygmaeus</i>	A941	Sari	F	-	GAGP	unphased		unphased		unphased	
<i>P. pygmaeus</i>	A943	Tilda	F	-	GAGP	unphased		unphased		unphased	
<i>P. pygmaeus</i>	A944	Napoleon	M	-	GAGP	unphased		unphased		unphased	

<sup>1</sup> Empty table entry (-) because information was unavailable; for column Origin, empty table entry can be due to unavailable information or if individual was born in captivity.

<sup>2</sup> CARTA : Center for Academic Research and Training in Anthropogeny; BPRC : Biomedical Primate Research Center; Basel zoo : Zoologischer Garten Basel AG, Switzerland; GAGP : Great Ape Genome Project.

<sup>3</sup> Genotypes deduced from relatives are underlined; genotypes that could not be unambiguously inferred are indicated as not defined (n.d.); only genotypes of the *Pan* genus could be phased with confidence (see text).

<sup>4</sup> Only for genotypes from the CARTA, BPRC and Basel zoo collections, generated through Sanger sequencing in this study.