

S6 Appendix. Analyses of nuclear haplotypes

A comparative approach for species delimitation based on multiple methods of multi-locus DNA sequence analysis: a case study of the genus *Giraffa* (Mammalia, Cetartiodactyla)

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List of Locality Abbreviations

BaNP =	Badingilo National Park Sudan
BNP =	Bwabwata National Park Namibia
CNP =	Chobe National Park Botswana
ETH =	Gambella National Park Ethiopia
ENP =	Etosha National Park Namibia
GNP =	Garamba National Park Democratic Republic of Congo
ISC =	Ishqbini Conservancy, Kenya
KKR =	Khamab Kalahari Reserve South Africa
LVNP =	Luangwa Valley National Park Zambia
LWC =	Lewa Wildlife Conservancy Kenya
MGR =	Moremi Game Reserve Botswana
MTNP =	Mosi-oa Tunya National Park Zambia
MF =	Murchison Falls National Park Uganda
RET =	Nuernberg/ Stuttgart Zoo Germany
RETRot =	Rotterdam Zoo Netherlands
RETWil =	Wilhelma Zoo Stuttgart Germany
SGR =	Selous Game Reserve Tanzania
SNR =	Shambe National Park Sudan
SNNP =	Sioma Ngwezi National Park Zambia
SUN =	Sun Hotel Livingstone Zambia
WA =	Koure Niger
V =	Vumbura Concession Botswana
ZNP =	Zakouma National Park Chad

Tables A-U. Lists of alleles comprised by the haplotypes shown in the median-joining network constructed for each of the 21 nuclear introns (Fig 3).

Table A. Overview of the respective alleles comprised by the haplotypes shown in the network of *ACP5*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>rothschildi</i> _MF03_1	2	MF03_1; MF05_1
2	<i>rothschildi</i> _MF11_1	1	MF11_1
3	<i>thornicrofti</i> _LVNP36_1	3	LVNP36_1; MF11_2; RETWil2_2
4	<i>thornicrofti</i> _LVNP22_1	9	LVNP22_1; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP31_2; LVNP32_1; LVNP32_2; LVNP34_1; LVNP34_2
5	<i>thornicrofti</i> _LVNP33_1	2	LVNP33_1; LVNP33_2
6	<i>thornicrofti</i> _LVNP20_1	19	LVNP20_1; LVNP20_2; LVNP22_2; LVNP35_1; LVNP35_2; LVNP36_2; SGR01_1; SGR01_2; SGR05_1; SGR05_2; SGR06_1; SGR06_2; SGR07_1; SGR12_1; SGR12_2; SGR13_1; SGR13_2; SGR14_1; SGR14_2
7	<i>thornicrofti</i> _LVNP18_1	6	LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP21_1; LVNP21_2
8	<i>tippelskichi</i> _SGR07_2	1	SGR07_2
9	<i>rothschildi</i> _MF14_1	2	MF14_1; WA705_1
10	<i>reticulata</i> _RETWil_1	2	RETWil_1; RETWil_2
11	<i>reticulata</i> _RET5_2	1	RET5_2
12	<i>peralta</i> _WA708_1	1	WA708_1
13	<i>antiquorum</i> _GNP03_2		GNP03_2
14	<i>camelopardalis</i> _ETH1_1	63	ETH1_1; ETH1_2; ETH2_1; ETH2_2; GNP01_1; GNP01_2; GNP02_1; GNP02_2; GNP03_1; GNP04_1; GNP05_1; GNP05_2; MF01_1; MF01_2; MF02_1; MF02_2; MF03_2; MF04_1; MF04_2; MF05_2; MF06_1; MF06_2; MF07_1; MF07_2; MF09_1; MF09_2; MF13_1; MF13_2; MF14_2; MF15_1; MF15_2; MF16_1; MF16_2; MF17_1; MF17_2; MF24_1; MF24_2; RETRot3_1; SNR1_1; SNR2_1; SNR2_2; WA026_1; WA036_1; WA036_2; WA117_1; WA606_1; WA606_2; WA614_1; WA619_1; WA621_1; WA621_2; WA622_1; WA623_1; WA623_2; WA700_1; WA700_2; WA705_2; WA707_1; WA707_2; WA708_2; WA720_1; WA720_2; ZNP01_1
15	<i>reticulata</i> _RET1_1	20	RET1_1; RET1_2; RET3_1; RET3_2; RET4_1; RET4_2; RET5_1; RET6_1; RET6_2; RETRot1_1; RETRot1_2; RETRot2_1; RETRot2_2; RETRot3_2; ISC03_1; ISC03_2; ISC04_1; ISC04_2; LWC01_1; LWC01_2
16	<i>reticulata</i> _RETWil2_1	1	RETWil2_1
17	<i>reticulata</i> _ISC08_1	1	ISC08_1
18	<i>reticulata</i> _ISC08_2	1	ISC08_2
19	<i>camelopardalis</i> _BaNP4_1	16	BaNP4_1; BaNP4_2; ETH3_1; ETH3_2; GNP04_2; SNR1_2; WA026_2; WA117_2; WA609_1; WA609_2; WA612_1; WA612_2; WA614_2; WA619_2; WA622_2; ZNP01_2
20	<i>giraffa</i> _V24_2	1	V24_2
21	<i>giraffa</i> _V25_2	1	V25_2
22	<i>giraffa</i> _MGR05_2	5	MGR05_2; MGR05_2; MTNP01_2; MTNP03_2; SNNP_2
23	<i>giraffa</i> _CNP03_2	9	CNP03_2; MGR01_1; MGR01_2; MGR02_2; V27_2; V37_1; V37_2; V38_2; V39_2
24	<i>angolensis</i> _ENP07_2	4	ENP07_2; ENP11_2; ENP14_2; ENP17_2

25	<i>giraffa</i> _CNP01_1	4	CNP01_1; CNP01_2; V23_2; V36_2
26	<i>giraffa</i> _BNP09_2	1	BNP09_2
27	<i>giraffa</i> _BNP01_1	98	BNP01_1; BNP01_2; BNP02_1; BNP02_2; BNP03_1; BNP03_2; BNP04_1; BNP04_2; BNP05_1; BNP05_2; BNP06_1; BNP06_2; BNP09_1; CKGR01_1; CKGR01_2; CKGR02_1; CKGR02_2; CKGR03_1; CKGR03_2; CKGR05_1; CKGR05_2; CNP02_1; CNP02_2; CNP03_1; ENP04_1; ENP04_2; ENP07_1; ENP08_1; ENP08_2; ENP09_1; ENP09_2; ENP11_1; ENP12_1; ENP12_2; ENP14_1; ENP15_1; ENP15_2; ENP16_1; ENP16_2; ENP17_1; ENP18_1; ENP18_2; ENP19_1; ENP19_2; ENP20_1; ENP20_2; ENP21_1; ENP21_2; KKR01_1; KKR01_2; KKR02_1; KKR02_2; KKR03_1; KKR03_2; KKR04_1; KKR04_2; KKR05_1; KKR05_2; KKR07_1; KKR07_2; KKR08_1; KKR08_2; MGR02_1; MGR03_1; MGR03_2; MGR04_1; MGR04_2; MGR05_1; MTNP01_1; MTNP02_1; MTNP02_2; MTNP03_1; SNNP_1; SUN1_1; SUN1_2; SUN2_1; SUN2_2; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V24_1; V25_1; V26_1; V26_2; V27_1; V28_1; V28_2; V29_1; V29_2; V30_1; V30_2; V31_1; V31_2; V36_1; V38_1; V39_1

Table B. Overview of the respective alleles comprised by the haplotypes shown in the network of *Clorf74*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>reticulata</i> _RET1_2	5	RET1_2; RET4_2; RET5_2; RET6_1; RET6_2
2	<i>reticulata</i> _ISC03_2	1	ISC03_2
3	<i>rothschildi</i> _MF01_1	12	MF01_1; MF01_2; MF02_2; MF03_1; MF03_2; MF05_2; MF13_1; MF13_2; MF16_1; MF16_2; MF17_2; RETWil2_2
4	<i>rothschildi</i> _MF05_1	8	MF05_1; MF06_1; MF06_2; MF15_1; MF15_2; RET3_2; RETRot3_2; LWC01_2
5	<i>rothschildi</i> _MF17_1	1	MF17_1
6	<i>reticulata</i> _RETRot1_2	5	RETRot1_2; RETWil_2; RETWil2_1; ISC04_2; ISC08_2
7	<i>thornicrofti</i> _LVNP18_1	36	LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP31_2; LVNP32_1; LVNP32_2; LVNP33_1; LVNP33_2; LVNP34_1; LVNP34_2; LVNP35_1; LVNP35_2; LVNP36_1; LVNP36_2; SGR01_1; SGR01_2; SGR05_1; SGR05_2; SGR06_1; SGR07_1; SGR07_2; SGR12_1; SGR12_2; SGR13_1; SGR13_2; SGR14_2
8	<i>camelopardalis</i> _BaNP4_1	4	BaNP4_1; BaNP4_2; MF07_1; MF07_2
9	<i>camelopardalis</i> _ETH1_1	78	ETH1_1; ETH1_2; ETH2_1; ETH2_2; ETH3_1; ETH3_2; GNP01_1; GNP01_2; GNP02_1; GNP02_2; GNP03_1; GNP03_2; GNP04_1; GNP04_2; GNP05_1; GNP05_2; MF02_1; MF04_1; MF04_2; MF09_1; MF09_2; MF11_1; MF11_2; MF14_1; MF14_2; MF24_1; MF24_2; RET1_1; RET3_1; RET4_1; RET5_1; RETRot1_1; RETRot2_1; RETRot2_2; RETRot3_1; RETWil_1; ISC03_1; ISC04_1; ISC08_1; LWC01_1; SNR1_1; SNR1_2; SNR2_1; SNR2_2; WA026_1; WA026_2; WA036_1; WA036_2; WA117_1; WA117_2; WA606_1; WA606_2; WA609_1; WA609_2; WA612_1; WA612_2; WA614_1; WA614_2; WA619_1; WA619_2; WA621_1; WA621_2; WA622_1; WA622_2; WA623_1; WA623_2; WA700_1; WA700_2; WA705_1; WA705_2; WA707_1; WA707_2; WA708_1; WA708_2; WA720_1; WA720_2; ZNP01_1; ZNP01_2
10	<i>tippelskichi</i> _SGR06_2	1	SGR06_2

11	<i>tippelskichi</i> _SGR14_1	1	SGR14_1
12	<i>giraffa</i> _BNP01_1	122	BNP01_1; BNP01_2; BNP02_1; BNP02_2; BNP03_1; BNP03_2; BNP04_1; BNP04_2; BNP05_1; BNP05_2; BNP06_1; BNP06_2; BNP09_1; BNP09_2; CKGR01_1; CKGR01_2; CKGR02_1; CKGR02_2; CKGR03_1; CKGR03_2; CKGR05_1; CKGR05_2; CNP01_1; CNP01_2; CNP02_1; CNP02_2; CNP03_1; CNP03_2; ENP04_1; ENP04_2; ENP07_1; ENP07_2; ENP08_1; ENP08_2; ENP09_1; ENP09_2; ENP11_1; ENP11_2; ENP12_1; ENP12_2; ENP14_1; ENP14_2; ENP15_1; ENP15_2; ENP16_1; ENP16_2; ENP17_1; ENP17_2; ENP18_1; ENP18_2; ENP19_1; ENP19_2; ENP20_1; ENP20_2; ENP21_1; ENP21_2; KKR01_1; KKR01_2; KKR02_1; KKR02_2; KKR03_1; KKR03_2; KKR04_1; KKR04_2; KKR05_1; KKR05_2; KKR07_1; KKR07_2; KKR08_1; KKR08_2; MGR01_1; MGR01_2; MGR02_1; MGR02_2; MGR03_1; MGR03_2; MGR04_1; MGR04_2; MGR05_1; MGR05_2; MTNP01_1; MTNP01_2; MTNP02_1; MTNP02_2; MTNP03_1; MTNP03_2; SNNP_1; SNNP_2; SUN1_1; SUN1_2; SUN2_1; SUN2_2; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V23_2; V24_1; V24_2; V25_1; V25_2; V26_1; V26_2; V27_1; V27_2; V28_1; V28_2; V29_1; V29_2; V30_1; V30_2; V31_1; V31_2; V36_1; V36_2; V37_1; V37_2; V38_1; V38_2; V39_1; V39_2

Table C. Overview of the respective alleles comprised by the haplotypes shown in the network of *CCT2*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>reticulata</i> _RETRot1_1	5	RETRot1_1; RETRot1_2; RETRot2_1; RETRot2_2; RETWil2_2
2	<i>reticulata</i> _RET4_2	4	RET4_2; RETRot3_2; RETWil2_1; ISC04_2
3	<i>antiquorum</i> _SNR_2	1	SNR_2
4	<i>peralta</i> _WA026_2	1	WA026_2
5	<i>camelopardalis</i> _BaNP4_1	177	BaNP4_1; BNP02_1; BNP02_2; BNP03_1; BNP03_2; BNP04_1; BNP04_2; BNP05_1; BNP05_2; BNP06_1; BNP06_2; BNP09_1; BNP09_2; CKGR01_1; CKGR01_2; CKGR02_1; CKGR02_2; CKGR03_1; CKGR03_2; CKGR05_1; CKGR05_2; CNP01_1; CNP01_2; CNP02_1; CNP02_2; CNP03_1; CNP03_2; ENP04_1; ENP04_2; ENP07_1; ENP07_2; ENP09_1; ENP09_2; ENP11_1; ENP11_2; ENP12_1; ENP12_2; ENP14_1; ENP14_2; ENP15_1; ENP15_2; ENP16_1; ENP16_2; ENP17_1; ENP17_2; ENP18_1; ENP18_2; ENP19_1; ENP19_2; ENP20_1; ENP20_2; ENP21_1; ENP21_2; GNP01_1; GNP05_1; GNP05_2; KKR01_1; KKR01_2; KKR02_1; KKR02_2; KKR03_1; KKR03_2; KKR04_1; KKR04_2; KKR05_1; KKR05_2; KKR07_1; KKR07_2; KKR08_1; KKR08_2; LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP31_2; LVNP32_1; LVNP32_2; LVNP33_1; LVNP33_2; LVNP34_1; LVNP34_2; LVNP35_1; LVNP35_2; LVNP36_1; LVNP36_2; MF01_1; MF03_1; MF06_1; MGR01_1; MGR01_2; MGR02_1; MGR02_2; MGR03_1; MGR03_2; MGR04_1; MGR04_2; MGR05_1; MGR05_2; MTNP01_1; MTNP01_2; MTNP02_1; MTNP02_2; MTNP03_1; MTNP03_2; RET1_1; RET5_1; RET6_1; RETWil_1; SGR01_1; SGR01_2; SGR05_1; SGR05_2; SGR06_1; SGR06_2; SGR07_1; SGR07_2; SGR12_1; SGR12_2; SGR13_1; SGR13_2; SGR14_1; SGR14_2; SNNP_1; SNNP_2; SNR1_1; SUN1_1; SUN1_2; SUN2_1; SUN2_2; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V23_2; V24_1; V24_2; V25_1; V25_2; V26_1; V26_2; V27_1;

			V27_2; V28_1; V28_2; V29_1; V29_2; V30_1; V30_2; V31_1; V31_2; V36_1; V36_2; V37_1; V37_2; V38_1; V38_2; V39_1; V39_2; WA026_1; WA036_1; WA117_1; WA117_2; WA606_1; WA707_1; WA708_1; WA708_2; ZNP01_1
6	<i>camelopardalis</i> _BaNP4_2	86	BaNP4_2; BNP01_1; BNP01_2; ENP08_1; ENP08_2; ETH1_1; ETH1_2; ETH2_1; ETH2_2; ETH3_1; ETH3_2; GNP01_2; GNP02_1; GNP02_2; GNP03_1; GNP03_2; GNP04_1; GNP04_2; MF01_2; MF02_1; MF02_2; MF03_2; MF04_1; MF04_2; MF05_1; MF05_2; MF06_2; MF07_1; MF07_2; MF09_1; MF09_2; MF11_1; MF11_2; MF13_1; MF13_2; MF14_1; MF14_2; MF15_1; MF15_2; MF16_1; MF16_2; MF17_1; MF17_2; MF24_1; MF24_2; RET1_2; RET3_1; RET3_2; RET4_1; RET5_2; RET6_2; RETRot3_1; RETWil_2; ISC03_1; ISC03_2; ISC04_1; ISC08_1; ISC08_2; LWC01_1; LWC01_2; SNR1_2; SNR2_1; WA036_2; WA606_2; WA609_1; WA609_2; WA612_1; WA612_2; WA614_1; WA614_2; WA619_1; WA619_2; WA621_1; WA621_2; WA622_1; WA622_2; WA623_1; WA623_2; WA700_1; WA700_2; WA705_1; WA705_2; WA707_2; WA720_1; WA720_2; ZNP01_2

Table D. Overview of the respective alleles comprised by the haplotypes shown in the network of *COL5A2*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>reticulata</i> _RETRot3_2	2	RETRot3_2; RETWil_1
2	<i>reticulata</i> _RETRot3_1	1	RETRot3_1
3	<i>reticulata</i> _ISC08_2	1	ISC08_2
4	<i>reticulata</i> _RETWil_2	1	RETWil_2
5	<i>reticulata</i> _RET1_2	3	RET1_2; RET4_2; ISC03_2
6	<i>reticulata</i> _RET3_1	8	RET3_1; RET4_1; RET5_1; RET5_2; RET6_1; ISC03_1; ISC04_1; LWC01_1
7	<i>peralta</i> _WA707_1	2	WA707_1; WA707_2
8	<i>peralta</i> _WA117_1	1	WA117_1
9	<i>peralta</i> _WA117_2	1	WA117_2
10	<i>peralta</i> _WA623_2	1	WA623_2
11	<i>peralta</i> _WA026_1	11	WA026_1; WA026_2; WA036_1; WA036_2; WA612_2; WA619_2; WA622_1; WA622_2; WA623_1; WA700_2; WA720_2
12	<i>camelopardalis</i> _BaNP4_1	17	BaNP4_1; BaNP4_2; MF01_1; MF03_1; MF04_1; MF04_2; MF06_1; MF09_1; MF13_1; MF14_1; MF14_2; MF15_1; MF15_2; MF16_1; MF16_2; MF17_1; MF24_1
13	<i>camelopardalis</i> _ETH1_1	51	ETH1_1; ETH1_2; ETH2_1; ETH2_2; ETH3_1; ETH3_2; GNP01_1; GNP01_2; GNP02_1; GNP02_2; GNP03_1; GNP03_2; GNP04_1; GNP04_2; GNP05_1; GNP05_2; MF01_2; MF03_2; MF05_1; MF05_2; MF06_2; MF07_1; MF07_2; MF11_1; MF11_2; MF17_2; MF24_2; RETRot1_1; RETRot2_1; RETRot2_2; SNR1_1; SNR1_2; SNR2_1; SNR2_2; WA606_1; WA606_2; WA609_1; WA612_1; WA614_1; WA614_2; WA619_1; WA621_1; WA621_2; WA700_1; WA705_1; WA705_2; WA708_1; WA708_2; WA720_1; ZNP01_1; ZNP01_2
14	<i>rothschildi</i> _MF02_1	2	MF02_1; MF13_2
15	<i>rothschildi</i> _MF02_2	7	MF02_2; MF09_2; RET3_2; RETWil2_1; RETWil2_2; LWC01_2; WA609_2

16	<i>thornicrofti</i> _LVNP18_1	33	LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP32_1; LVNP32_2; LVNP33_1; LVNP34_1; LVNP35_1; LVNP35_2; LVNP36_1; LVNP36_2; SGR01_1; SGR01_2; SGR05_1; SGR05_2; SGR06_1; SGR06_2; SGR07_2; SGR12_1; SGR12_2; SGR13_1; SGR14_1; SGR14_2
17	<i>thornicrofti</i> _LVNP33_2	2	LVNP33_2; LVNP34_2
18	<i>thornicrofti</i> _LVNP31_2	1	LVNP31_2
19	<i>tippelskirchi</i> _SGR07_1	1	SGR07_1
20	<i>tippelskirchi</i> _SGR13_2	1	SGR13_2
21	<i>giraffa</i> _V26_2	1	V26_2
22	<i>giraffa</i> _SUN4_2	1	SUN4_2
23	<i>giraffa</i> _BNP01_1	119	BNP01_1; BNP01_2; BNP02_1; BNP02_2; BNP03_1; BNP03_2; BNP04_1; BNP04_2; BNP05_1; BNP05_2; BNP06_1; BNP09_1; BNP09_2; CKGR01_1; CKGR01_2; CKGR02_1; CKGR02_2; CKGR03_1; CKGR03_2; CKGR05_1; CKGR05_2; CNP01_1; CNP01_2; CNP02_1; CNP02_2; CNP03_1; CNP03_2; ENP04_1; ENP04_2; ENP07_1; ENP07_2; ENP08_1; ENP08_2; ENP09_1; ENP09_2; ENP11_1; ENP11_2; ENP12_1; ENP12_2; ENP14_1; ENP14_2; ENP15_1; ENP15_2; ENP16_1; ENP16_2; ENP17_1; ENP18_1; ENP18_2; ENP19_1; ENP19_2; ENP20_1; ENP20_2; ENP21_1; ENP21_2; KKR01_1; KKR01_2; KKR02_1; KKR02_2; KKR03_1; KKR03_2; KKR04_1; KKR04_2; KKR05_1; KKR05_2; KKR07_1; KKR07_2; KKR08_1; KKR08_2; MGR01_1; MGR02_1; MGR02_2; MGR03_1; MGR03_2; MGR04_1; MGR05_1; MGR05_2; MTNP01_1; MTNP01_2; MTNP02_1; MTNP02_2; MTNP03_1; MTNP03_2; RET1_1; RET6_2; RETrot1_2; ISC04_2; ISC08_1; SNNP_1; SNNP_2; SUN1_1; SUN1_2; SUN2_1; SUN2_2; SUN3_1; SUN3_2; SUN4_1; V23_1; V24_1; V24_2; V25_1; V25_2; V26_1; V26_2; V27_1; V27_2; V28_1; V28_2; V29_1; V30_1; V30_2; V31_1; V31_2; V36_1; V37_1; V37_2; V38_1; V38_2; V39_1; V39_2
24	<i>giraffa</i> _BNP06_2	6	BNP06_2; ENP17_2; MGR01_2; MGR04_2; V23_2; V29_2

Table E. Overview of the respective alleles comprised by the haplotypes shown in the network of *CTAGE5*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>camelopardalis</i> _ETH1_1	66	ETH1_1; ETH1_2; ETH2_2; ETH3_2; GNP01_1; GNP01_2; GNP02_1; GNP02_2; GNP03_1; GNP03_2; GNP04_1; GNP05_1; GNP05_2; MF01_2; MF03_2; MF04_2; MF05_2; MF06_2; MF07_2; MF09_2; MF11_2; MF13_2; MF14_2; MF15_2; MF16_1; MF16_2; MF17_1; MF17_2; RET3_1; RET3_2; RETrot2_2; RETrot3_2; RETWil_2; ISC03_2; ISC08_2; LWC01_1; LWC01_2; SNR1_1; SNR1_2; SNR2_1; SNR2_2; WA026_1; WA036_2; WA117_1; WA117_2; WA606_1; WA606_2; WA609_1; WA609_2; WA612_1; WA612_2; WA614_1; WA614_2; WA621_1; WA621_2; WA622_1; WA622_2; WA700_1; WA700_2; WA705_2; WA707_1; WA707_2; WA708_2; WA720_1; ZNP01_1; ZNP01_2
2	<i>peralta</i> _WA026_2	2	WA026_2; WA720_2

3	<i>peralta_WA619_2</i>	4	WA619_2; WA623_2; WA705_1; WA708_1
4	<i>camelopardalis_BaNP4_1</i>	36	BaNP4_1; BaNP4_2; ETH3_1; MF01_1; MF02_1; MF02_2; MF03_1; MF04_1; MF05_1; MF06_1; MF07_1; MF09_1; MF11_1; MF13_1; MF14_1; MF15_1; MF24_1; MF24_2; RET1_1; RET1_2; RET4_1; RET4_2; RET5_1; RET5_2; RET6_1; RET6_2; RETRot1_1; RETRot1_2; RETRot2_1; RETRot3_1; RETWil_1; ISC03_1; ISC08_1; WA036_1; WA619_1; WA623_1
5	<i>reticulata_RETWil2_2</i>	2	RETWil2_2; ISC04_1
6	<i>reticulata_RETWil2_1</i>	1	RETWil2_1
7	<i>camelopardalis_ETH2_1</i>	1	ETH2_1
8	<i>reticulata_ISC04_2</i>	1	ISC04_2
9	<i>antiquorum_GNP04_2</i>	1	GNP04_2
10	<i>giraffa_CNP02_1</i>	2	CNP02_1; CNP02_2
11	<i>thornicrofti_LVNP18_1</i>	30	LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP31_2; LVNP32_1; LVNP32_2; LVNP33_1; LVNP33_2; LVNP34_1; LVNP34_2; LVNP35_1; LVNP35_2; LVNP36_1; LVNP36_2; SGR01_2; SGR06_1; SGR06_2; SGR12_2; SGR14_1; SGR14_2
12	<i>giraffa_BNP01_1</i>	90	BNP01_1; BNP02_1; BNP02_2; BNP03_1; BNP03_2; BNP04_1; BNP05_1; BNP05_2; BNP06_1; BNP06_2; BNP09_1; CKGR01_1; CKGR01_2; CKGR02_1; CNP01_1; CNP01_2; CNP03_1; CNP03_2; ENP04_1; ENP07_1; ENP07_2; ENP08_1; ENP08_2; ENP09_1; ENP09_2; ENP11_1; ENP11_2; ENP12_1; ENP12_2; ENP14_1; ENP14_2; ENP15_1; ENP16_1; ENP16_2; ENP17_1; ENP18_1; ENP19_1; ENP19_2; ENP20_1; ENP20_2; ENP21_1; ENP21_2; KKR01_1; KKR02_1; KKR02_2; KKR03_1; KKR04_1; KKR04_2; KKR05_1; KKR05_2; MGR01_1; MGR01_2; MGR02_1; MGR02_2; MGR03_1; MGR03_2; MGR04_1; MGR04_2; MGR05_1; MGR05_2; MTNP01_1; MTNP02_1; MTNP02_2; MTNP03_1; SNNP_1; SNNP_2; SUN1_1; SUN2_1; SUN3_1; V23_1; V23_2; V24_1; V25_1; V25_2; V26_1; V26_2; V27_1; V27_2; V28_1; V28_2; V30_1; V30_2; V31_1; V31_2; V36_1; V36_2; V37_1; V37_2; V39_1; V39_2
13	<i>giraffa_MTNP01_2</i>	3	MTNP01_2; MTNP03_2; V38_1
14	<i>giraffa_BNP04_2</i>	5	BNP04_2; KKR07_1; KKR07_2; V29_2; V38_2
15	<i>giraffa_SUN1_2</i>	1	SUN1_2
16	<i>tippelskirchi_SGR01_1</i>	1	SGR01_1
17	<i>tippelskirchi_SGR12_1</i>	1	SGR12_1
18	<i>giraffa_BNP01_2</i>	19	BNP01_2; BNP09_2; CKGR03_1; CKGR03_2; CKGR05_1; CKGR05_2; ENP04_2; ENP17_2; ENP18_2; KKR01_2; KKR03_2; KKR08_1; KKR08_2; SUN2_2; SUN3_2; SUN4_1; SUN4_2; V24_2; V29_1
19	<i>angolensis_ENP15_2</i>	1	ENP15_2
20	<i>angolensis_CKGR02_2</i>	1	CKGR02_2

Table F. Overview of the respective alleles comprised by the haplotypes shown in the network of *CWF19L1*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>camelopardalis</i> _BaNP4_1	79	BaNP4_1; ETH1_1; ETH2_1; ETH2_2; ETH3_1; ETH3_2; GNP01_1; GNP03_1; GNP04_1; GNP04_2; GNP05_1; MF02_1; MF03_1; MF04_1; MF06_1; MF09_2; MF15_2; MF17_2; MF24_2; RET1_1; RET1_2; RET3_1; RET3_2; RET4_1; RET4_2; RET5_1; RET5_2; RET6_1; RET6_2; RETRot1_1; RETRot1_2; RETRot2_1; RETRot2_2; RETRot3_1; RETRot3_2; RETWil_1; RETWil2_1; RETWil2_2; ISC03_1; ISC04_1; ISC04_2; ISC08_1; ISC08_2; LWC01_1; LWC01_2; SNR1_1; SNR1_2; SNR2_1; WA026_1; WA026_2; WA036_1; WA036_2; WA117_1; WA117_2; WA606_1; WA606_2; WA609_1; WA609_2; WA612_1; WA612_2; WA614_1; WA614_2; WA619_1; WA619_2; WA621_1; WA621_2; WA622_1; WA622_2; WA623_1; WA623_2; WA700_1; WA700_2; WA705_1; WA705_2; WA707_1; WA707_2; WA720_1; WA720_2; ZNP01_1
2	<i>camelopardalis</i> _BaNP4_2	28	BaNP4_2; ETH1_2; GNP01_2; GNP02_1; GNP02_2; GNP03_2; GNP05_2; MF01_1; MF01_2; MF02_2; MF03_2; MF04_2; MF05_1; MF05_2; MF06_2; MF07_1; MF07_2; MF09_1; MF11_1; MF11_2; MF15_1; MF16_1; MF16_2; MF17_1; MF24_1; RETWil_2; ISC03_2; SNR2_2
3	<i>peralta</i> _WA708_1	2	WA708_1; WA708_2
4	<i>rothschildi</i> _MF13_1	3	MF13_1; MF14_1; MF14_2
5	<i>rothschildi</i> _MF13_2	1	MF13_2
6	<i>antiquorum</i> _ZNP01_2	1	ZNP01_2
7	<i>giraffa</i> _BNP02_2	27	BNP02_2; BNP03_1; BNP03_2; BNP06_1; BNP06_2; CKGR01_1; CKGR01_2; CNP02_2; ENP04_2; ENP08_2; ENP15_2; ENP16_2; ENP18_1; ENP18_2; ENP19_1; ENP19_2; ENP20_2; ENP21_2; KKR02_1; KKR02_2; KKR04_2; MGR02_2; SGR07_2; SGR12_2; V28_2; V36_2; V38_2
8	<i>giraffa</i> _BNP02_1	130	BNP01_1; BNP01_2; BNP02_1; BNP04_1; BNP04_2; BNP05_1; BNP05_2; BNP09_1; BNP09_2; CKGR02_1; CKGR02_2; CKGR03_1; CKGR03_2; CKGR05_1; CKGR05_2; CNP01_1; CNP01_2; CNP02_1; CNP03_1; CNP03_2; ENP04_1; ENP07_1; ENP07_2; ENP08_1; ENP09_1; ENP09_2; ENP11_1; ENP11_2; ENP12_1; ENP12_2; ENP14_1; ENP14_2; ENP15_1; ENP16_1; ENP17_1; ENP17_2; ENP20_1; ENP21_1; KKR01_1; KKR01_2; KKR03_1; KKR03_2; KKR04_1; KKR05_1; KKR05_2; KKR07_1; KKR07_2; KKR08_1; KKR08_2; LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP31_2; LVNP32_1; LVNP32_2; LVNP33_1; LVNP33_2; LVNP34_1; LVNP34_2; LVNP35_1; LVNP35_2; LVNP36_1; LVNP36_2; MGR01_1; MGR01_2; MGR02_1; MGR03_1; MGR03_2; MGR04_1; MGR04_2; MGR05_1; MGR05_2; MTNP01_1; MTNP01_2; MTNP02_1; MTNP02_2; MTNP03_1; MTNP03_2; SGR01_1; SGR01_2; SGR05_1; SGR05_2; SGR06_1; SGR06_2; SGR07_1; SGR12_1; SGR13_1; SGR13_2; SGR14_1; SGR14_2; SNNP_1; SNNP_2; SUN1_1; SUN1_2; SUN2_1; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V23_2; V24_1; V24_2; V25_1; V25_2; V26_1; V26_2; V27_1; V28_1; V29_1; V29_2; V30_1; V30_2; V31_1; V31_2; V36_1; V37_1; V37_2; V38_1; V39_1
9	<i>giraffa</i> _V27_2	2	V27_2; V39_2
10	<i>giraffa</i> _SUN2_2	1	SUN2_2

Table G. Overview of the respective alleles comprised by the haplotypes shown in the network of *DDX1*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>camelopardalis</i> _BaNP4_1	1	BaNP4_1
2	<i>camelopardalis</i> _BaNP4_2	100	BaNP4_2; ETH1_1; ETH1_2; ETH2_1; ETH2_2; ETH3_1; ETH3_2; GNP01_1; GNP01_2; GNP02_1; GNP02_2; GNP03_1; GNP03_2; GNP04_1; GNP04_2; GNP05_1; GNP05_2; MF01_1; MF01_2; MF02_1; MF02_2; MF03_1; MF03_2; MF04_1; MF04_2; MF05_1; MF05_2; MF06_1; MF06_2; MF07_1; MF07_2; MF09_1; MF09_2; MF11_1; MF11_2; MF13_1; MF13_2; MF14_1; MF14_2; MF15_1; MF15_2; MF16_1; MF16_2; MF17_1; MF17_2; MF24_1; MF24_2; RET1_2; RET3_1; RET3_2; RET6_2; RETRot2_1; RETRot2_2; RETWil_1; RETWil_2; RETWil2_1; ISC03_1; ISC03_2; ISC04_1; ISC08_1; ISC08_2; LWC01_1; SNR1_1; SNR1_2; SNR2_1; SNR2_2; WA026_1; WA026_2; WA036_1; WA036_2; WA117_1; WA117_2; WA606_1; WA606_2; WA609_1; WA609_2; WA612_1; WA612_2; WA614_1; WA614_2; WA619_1; WA619_2; WA621_1; WA621_2; WA622_1; WA622_2; WA623_1; WA623_2; WA700_1; WA700_2; WA705_1; WA705_2; WA707_1; WA707_2; WA708_1; WA708_2; WA720_1; WA720_2; ZNP01_1; ZNP01_2
3	<i>reticulata</i> _RET1_1	10	RET1_1; RET4_1; RET4_2; RET5_1; RET5_2; RET6_1; RETRot1_1; RETRot1_2; RETRot3_1; RETRot3_2
4	<i>reticulata</i> _LWC01_2	1	LWC01_2
5	<i>giraffa</i> _MGR02_2	3	MGR02_2; V27_2; V39_2
6	<i>thornicrofti</i> _LVNP32_2	6	LVNP32_2; LVNP33_1; LVNP33_2; LVNP36_2; SGR01_2; SGR14_2
7	<i>thornicrofti</i> _LVNP36_1	3	LVNP36_1; SGR01_1; SGR14_1
8	<i>giraffa</i> _BNP01_1	150	BNP01_1; BNP01_2; BNP02_1; BNP02_2; BNP03_1; BNP03_2; BNP04_1; BNP04_2; BNP05_1; BNP05_2; BNP06_1; BNP06_2; BNP09_1; BNP09_2; CKGR01_1; CKGR01_2; CKGR02_1; CKGR02_2; CKGR03_1; CKGR03_2; CKGR05_1; CKGR05_2; CNP01_1; CNP01_2; CNP02_1; CNP02_2; CNP03_1; CNP03_2; ENP04_1; ENP04_2; ENP07_1; ENP07_2; ENP08_1; ENP08_2; ENP09_1; ENP09_2; ENP11_1; ENP11_2; ENP12_1; ENP12_2; ENP14_1; ENP14_2; ENP15_1; ENP15_2; ENP16_1; ENP16_2; ENP17_1; ENP17_2; ENP18_1; ENP18_2; ENP19_1; ENP19_2; ENP20_1; ENP20_2; ENP21_1; ENP21_2; KKR01_1; KKR01_2; KKR02_1; KKR02_2; KKR03_1; KKR03_2; KKR04_1; KKR04_2; KKR05_1; KKR05_2; KKR07_1; KKR07_2; KKR08_1; KKR08_2; LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP31_2; LVNP32_1; LVNP34_1; LVNP34_2; LVNP35_1; LVNP35_2; MGR01_1; MGR01_2; MGR02_1; MGR03_1; MGR03_2; MGR04_1; MGR04_2; MGR05_1; MGR05_2; MTNP01_1; MTNP01_2; MTNP02_1; MTNP02_2; MTNP03_1; MTNP03_2; RETWil2_2; ISC04_2; SGR05_1; SGR05_2; SGR06_1; SGR06_2; SGR07_1; SGR07_2; SGR12_1; SGR12_2; SGR13_1; SGR13_2; SNNP_1; SNNP_2; SUN1_1; SUN1_2; SUN2_1; SUN2_2; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V23_2; V24_1; V24_2; V25_1; V25_2; V26_1; V26_2; V27_1; V28_1; V28_2; V29_1; V29_2; V30_1; V30_2; V31_1; V31_2; V36_1; V36_2; V37_1; V37_2; V38_1; V38_2; V39_1

Table H. Overview of the respective alleles comprised by the haplotypes shown in the network of *DHX36*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>camelopardalis_ETH1_1</i>	39	ETH1_1; ETH1_2; ETH2_2; ETH3_2; GNP02_2; GNP04_2; MF01_1; MF01_2; MF02_1; MF02_2; MF03_2; MF04_1; MF04_2; MF05_1; MF05_2; MF06_1; MF06_2; MF07_1; MF07_2; MF09_1; MF09_2; MF11_1; MF11_2; MF13_2; MF14_1; MF14_2; MF15_1; MF15_2; MF16_1; MF16_2; MF17_1; MF17_2; MF24_2; LWC01_1; SNR2_1; SNR2_2; WA117_1; WA117_2; WA720_2
2	<i>camelopardalis_ETH2_1</i>	22	ETH2_1; GNP01_1; GNP01_2; GNP02_1; GNP04_1; GNP05_1; GNP05_2; MF03_1; MF13_1; MF24_1; RET3_1; RET3_2; RET4_1; RETRot1_1; RETWil_2; WA612_2; WA619_1; WA619_2; WA622_2; WA720_1; ZNP01_1; ZNP01_2
3	<i>camelopardalis_BaNP4_1</i>	70	BaNP4_1; BaNP4_2; ETH3_1; GNP03_1; LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP31_2; LVNP32_1; LVNP32_2; LVNP33_1; LVNP33_2; LVNP34_1; LVNP34_2; LVNP35_1; LVNP35_2; LVNP36_1; LVNP36_2; RET1_1; RET1_2; RET5_1; RET6_1; RETRot3_1; RETRot3_2; RETWil_1; RETWil2_1; RETWil2_2; ISC04_1; SGR01_1; SGR01_2; SGR05_1; SGR05_2; SGR06_1; SGR07_1; SGR07_2; SGR12_1; SGR12_2; SGR13_1; SGR13_2; SGR14_1; SGR14_2; SNR1_1; WA026_1; WA026_2; WA036_1; WA606_1; WA606_2; WA609_1; WA612_1; WA614_1; WA622_1; WA623_1; WA623_2; WA700_1; WA700_2; WA705_1; WA705_2; WA707_1; WA708_1; WA708_2
4	<i>reticulata_RET4_2</i>	7	RET4_2; RET5_2; RET6_2; RETRot1_2; RETRot2_1; ISC03_1; ISC03_2
5	<i>reticulata_ISC08_1</i>	1	ISC08_1
6	<i>reticulata_ISC08_2</i>	1	ISC08_2
7	<i>reticulata_ISC04_2</i>	1	ISC04_2
8	<i>antiquorum_GNP03_2</i>	2	GNP03_2; SNR1_2
9	<i>reticulata_RETRot2_2</i>	2	RETRot2_2; LWC01_2
10	<i>peralta_WA036_2</i>	5	WA036_2; WA614_2; WA621_1; WA621_2; WA707_2
11	<i>peralta_WA609_2</i>	1	WA609_2
12	<i>tippelskirchi_SGR06_2</i>	1	SGR06_2
13	<i>giraffa_BNP01_1</i>	122	BNP01_1; BNP01_2; BNP02_1; BNP02_2; BNP03_1; BNP03_2; BNP04_1; BNP04_2; BNP05_1; BNP05_2; BNP06_1; BNP06_2; BNP09_1; BNP09_2; CKGR01_1; CKGR01_2; CKGR02_1; CKGR02_2; CKGR03_1; CKGR03_2; CKGR05_1; CKGR05_2; CNP01_1; CNP01_2; CNP02_1; CNP02_2; CNP03_1; CNP03_2; ENP04_1; ENP04_2; ENP07_1; ENP07_2; ENP08_1; ENP08_2; ENP09_1; ENP09_2; ENP11_1; ENP11_2; ENP12_1; ENP12_2; ENP14_1; ENP14_2; ENP15_1; ENP15_2; ENP16_1; ENP16_2; ENP17_1; ENP17_2; ENP18_1; ENP18_2; ENP19_1; ENP19_2; ENP20_1; ENP20_2; ENP21_1; ENP21_2; KKR01_1; KKR01_2; KKR02_1; KKR02_2; KKR03_1; KKR03_2; KKR04_1; KKR04_2; KKR05_1; KKR05_2; KKR07_1; KKR07_2; KKR08_1; KKR08_2; MGR01_1; MGR01_2; MGR02_1; MGR02_2; MGR03_1; MGR03_2; MGR04_1; MGR04_2; MGR05_1; MGR05_2; MTNP01_1; MTNP01_2; MTNP02_1; MTNP02_2; MTNP03_1; MTNP03_2; SNNP_1; SNNP_2; SUN1_1; SUN1_2; SUN2_1; SUN2_2; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V23_2; V24_1; V24_2; V25_1; V25_2; V26_1; V26_2; V27_1; V27_2; V28_1; V28_2; V29_1; V29_2; V30_1; V30_2; V31_1; V31_2; V36_1; V36_2; V37_1; V37_2; V38_1; V38_2; V39_1; V39_2

Table I. Overview of the respective alleles comprised by the haplotypes shown in the network of *IGF2BI*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>camelopardalis_BaNP4_1</i>	102	BaNP4_1; BaNP4_2; ETH1_1; ETH1_2; ETH2_1; ETH2_2; ETH3_1; ETH3_2; GNP01_1; GNP02_1; GNP02_2; GNP04_1; MF01_1; MF01_2; MF02_1; MF03_1; MF03_2; MF04_1; MF04_2; MF05_1; MF05_2; MF06_1; MF06_2; MF07_1; MF07_2; MF09_1; MF09_2; MF11_1; MF11_2; MF13_1; MF13_2; MF16_1; MF16_2; MF17_1; MF17_2; MF24_1; MF24_2; RET1_1; RET1_2; RET3_1; RET3_2; RET4_1; RET4_2; RET5_1; RET5_2; RET6_1; RET6_2; RETRot1_1; RETRot1_2; RETRot2_1; RETRot3_1; RETRot3_2; RETWil_1; RETWil_2; RETWil2_1; RETWil2_2; ISC03_1; ISC03_2; ISC04_1; ISC08_1; ISC08_2; LWC01_1; LWC01_2; SGR01_1; SGR01_2; SGR05_1; SGR05_2; SGR06_1; SGR06_2; SGR07_1; SGR07_2; SGR12_1; SGR12_2; SGR13_1; SGR13_2; SGR14_1; SGR14_2; SNR1_1; SNR1_2; SNR2_1; WA036_1; WA036_2; WA117_1; WA117_2; WA606_1; WA606_2; WA609_1; WA612_1; WA612_2; WA614_1; WA619_1; WA621_1; WA621_2; WA622_1; WA623_1; WA700_1; WA700_2; WA705_1; WA705_2; WA708_1; WA708_2; WA720_1
2	<i>antiquorum_GNP03_1</i>	5	GNP03_1; GNP03_2; GNP04_2; ZNP01_1; ZNP01_2
3	<i>rothschildi_MF14_1</i>	2	MF14_1; MF14_2
4	<i>peralta_WA609_2</i>	6	WA609_2; WA614_2; WA619_2; WA622_2; WA623_2; WA707_1
5	<i>antiquorum_GNP01_2</i>	3	GNP01_2; GNP05_2; SNR2_2
6	<i>rothschildi_MF15_1</i>	2	MF15_1; MF15_2
7	<i>rothschildi_MF02_2</i>	1	MF02_2
8	<i>antiquorum_GNP05_1</i>	1	GNP05_1
9	<i>reticulata_RETRot2_2</i>	1	RETRot2_2
10	<i>reticulata_ISC04_2</i>	1	ISC04_2
11	<i>peralta_WA026_1</i>	1	WA026_1
12	<i>peralta_WA026_2</i>	1	WA026_2
13	<i>peralta_WA720_2</i>	1	WA720_2
14	<i>peralta_WA707_2</i>	1	WA707_2
15	<i>tippelskirchi_LVNP32_1</i>	1	LVNP32_1
16	<i>tippelskirchi_LVNP18_1</i>	1	LVNP18_1
17	<i>tippelskirchi_LVNP18_2</i>	22	LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP31_2; LVNP32_2; LVNP33_1; LVNP33_2; LVNP34_1; LVNP34_2; LVNP35_1; LVNP35_2; LVNP36_1; LVNP36_2
18	<i>giraffa_V38_1</i>	1	V38_1
19	<i>giraffa_V38_2</i>	1	V38_2
20	<i>angolensis_ENP09_2</i>	4	ENP09_2; ENP17_2; ENP20_2; ENP21_2
21	<i>giraffa_MGR02_1</i>	4	MGR02_1; V25_1; V25_2; V29_1

22	<i>giraffa</i> _BNP01_1	112	BNP01_1; BNP01_2; BNP02_1; BNP02_2; BNP03_1; BNP03_2; BNP04_1; BNP04_2; BNP05_1; BNP05_2; BNP06_1; BNP06_2; BNP09_1; BNP09_2; CKGR01_1; CKGR01_2; CKGR02_1; CKGR02_2; CKGR03_1; CKGR03_2; CKGR05_1; CKGR05_2; CNP01_1; CNP01_2; CNP02_1; CNP02_2; CNP03_1; CNP03_2; ENP04_1; ENP04_2; ENP07_1; ENP07_2; ENP08_1; ENP08_2; ENP09_1; ENP11_1; ENP11_2; ENP12_1; ENP12_2; ENP14_1; ENP14_2; ENP15_1; ENP15_2; ENP16_1; ENP16_2; ENP17_1; ENP18_1; ENP18_2; ENP19_1; ENP19_2; ENP20_1; ENP21_1; KKR01_1; KKR01_2; KKR02_1; KKR02_2; KKR03_1; KKR03_2; KKR04_1; KKR04_2; KKR05_1; KKR05_2; KKR07_1; KKR07_2; KKR08_1; KKR08_2; MGR01_1; MGR01_2; MGR02_2; MGR03_1; MGR03_2; MGR04_1; MGR04_2; MGR05_1; MGR05_2; MTNP01_1; MTNP01_2; MTNP02_1; MTNP02_2; MTNP03_1; MTNP03_2; SNNP_1; SNNP_2; SUN1_1; SUN1_2; SUN2_1; SUN2_2; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V23_2; V24_1; V24_2; V26_1; V26_2; V27_1; V27_2; V28_1; V28_2; V29_2; V30_1; V30_2; V31_1; V31_2; V36_1; V36_2; V37_1; V37_2; V39_1; V39_2
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Table J. Overview of the respective alleles comprised by the haplotypes shown in the network of *MACF1*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>camelopardalis</i> _BaNP4_1	108	BaNP4_1; BaNP4_2; BNP03_1; BNP06_1; CNP01_1; ETH1_1; ETH2_1; ETH3_1; GNP05_1; LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP31_2; LVNP32_1; LVNP32_2; LVNP33_1; LVNP33_2; LVNP34_1; LVNP34_2; LVNP35_1; LVNP35_2; LVNP36_1; LVNP36_2; MF01_1; MF02_1; MF03_1; MF05_1; MF06_1; MF07_1; MF09_1; MF11_1; MF13_1; MF13_2; MF14_1; MF16_1; MF17_1; MF24_1; MF24_2; MGR01_1; MGR01_2; MGR02_1; MGR02_2; MGR03_1; MGR03_2; MGR04_1; MGR04_2; MGR05_1; MGR05_2; RET1_1; RET1_2; RET4_1; RET4_2; RET5_1; RET6_1; RET6_2; RETRot1_1; RETRot2_1; RETRot2_2; RETRot3_1; RETRot3_2; RETWil_1; RETWil2_1; RETWil2_2; ISC04_1; ISC04_2; ISC08_1; LWC01_1; LWC01_2; SGR05_1; SGR05_2; SGR06_1; SGR06_2; SGR07_1; SGR07_2; SGR12_1; SGR12_2; SGR14_1; SGR14_2; SNR1_1; SNR1_2; SNR2_1; SNR2_2; V36_1; WA026_1; WA026_2; WA117_1; WA117_2; WA606_1; WA614_1; WA623_1; WA700_1; WA705_1; WA705_2; WA707_1; WA707_2; WA720_1; WA720_2; ZNP01_1
2	<i>giraffa</i> _CNP02_1	2	CNP02_1; V37_1
3	<i>camelopardalis</i> _ETH1_2	6	ETH1_2; GNP01_2; WA606_2; WA612_1; WA614_2; WA621_1;
4	<i>peralta</i> _WA036_1	8	WA036_1; WA036_2; WA609_1; WA609_2; WA621_2; WA623_2; WA700_2; WA708_2
5	<i>angolensis</i> _ENP04_1	22	ENP04_1; ENP08_1; ENP17_1; ENP19_1; ENP20_1; KKR03_1; KKR05_1; MTNP01_1; MTNP01_2; MTNP02_1; MTNP03_1; MTNP03_2; SGR01_1; SGR01_2; SGR13_1; SGR13_2; V25_1; V25_2; V27_1; V30_1; V30_2; V39_1
6	<i>camelopardalis</i> _ETH2_2	13	ETH2_2; ETH3_2; MF01_2; MF02_2; MF04_1; MF04_2; MF06_2; MF07_2; MF11_2; MF14_2; MF17_2; ISC03_1; ISC03_2
7	<i>antiquorum</i> _GNP01_1	24	GNP01_1; GNP02_1; GNP02_2; GNP03_1; GNP03_2; GNP04_1; GNP04_2; MF03_2; MF05_2; MF09_2; MF15_1; MF15_2; MF16_2; RET3_1; RET3_2; RET5_2; RETRot1_2; RETWil_2; ISC08_2; WA619_1; WA622_1; WA622_2;

			WA708_1; ZNP01_2
8	<i>peralta_WA612_2</i>	2	WA612_2; WA619_2
9	<i>antiquorum_GNP05_2</i>	1	GNP05_2
10	<i>giraffa_V28_1</i>	1	V28_1
12	<i>giraffa_BNP03_2</i>	35	BNP03_2; BNP06_2; CKGR02_2; CKGR05_1; CKGR05_2; CNP01_2; CNP02_2; ENP04_2; ENP07_1; ENP07_2; ENP08_2; ENP09_1; ENP09_2; ENP11_1; ENP11_2; ENP12_1; ENP12_2; ENP14_1; ENP14_2; ENP15_1; ENP15_2; ENP16_1; ENP16_2; ENP17_2; ENP18_1; ENP18_2; ENP19_2; ENP20_2; ENP21_2; MTNP02_2; V29_1; V29_2; V37_2; V38_1; V38_2
13	<i>giraffa_V39_2</i>	1	V39_2
13	<i>giraffa_V36_2</i>	1	V36_2
14	<i>giraffa_V27_2</i>	1	V27_2
15	<i>giraffa_BNP02_2</i>	1	BNP02_2
16	<i>giraffa_SNNP_1</i>	1	SNNP_1
17	<i>giraffa_KKR02_1</i>	1	KKR02_1
18	<i>giraffa_KKR02_2</i>	1	KKR02_2
19	<i>giraffa_BNP01_1</i>	45	BNP01_1; BNP01_2; BNP02_1; BNP04_1; BNP04_2; BNP05_1; BNP05_2; BNP09_1; BNP09_2; CKGR01_1; CKGR01_2; CKGR02_1; CKGR03_1; CKGR03_2; CNP03_1; CNP03_2; ENP21_1; KKR01_1; KKR01_2; KKR03_2; KKR04_1; KKR04_2; KKR05_2; KKR07_1; KKR07_2; KKR08_1; KKR08_2; SNNP_2; SUN1_1; SUN1_2; SUN2_1; SUN2_2; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V23_2; V24_1; V24_2; V26_1; V26_2; V28_2; V31_1; V31_2

Table K. Overview of the respective alleles comprised by the haplotypes shown in the network of *NOTCH2*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>camelopardalis_BaNP4_1</i>	105	BaNP4_1; BaNP4_2; ETH1_1; ETH1_2; ETH2_1; ETH2_2; ETH3_1; ETH3_2; GNP01_1; GNP01_2; GNP02_1; GNP02_2; GNP03_1; GNP03_2; GNP04_1; GNP04_2; GNP05_1; GNP05_2; LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP31_2; LVNP32_1; LVNP32_2; LVNP33_1; LVNP33_2; LVNP34_1; LVNP34_2; LVNP35_1; LVNP35_2; LVNP36_1; LVNP36_2; MF01_1; MF01_2; MF02_1; MF02_2; MF03_1; MF03_2; MF04_1; MF05_1; MF05_2; MF09_1; MF13_1; MF13_2; MF15_1; MF16_1; MF16_2; MF17_1; MF24_1; MF24_2; RET3_1; RET4_1; RET5_1; RET5_2; RET6_1; RETRot1_1; RETRot2_1; RETWil_1; ISC03_1; ISC04_1; ISC04_2; ISC08_1; ISC08_2; LWC01_1; SGR05_1; SGR05_2; SGR06_1; SGR06_2; SGR07_1; SGR07_2; SGR12_1; SGR12_2; SGR13_1; SGR13_2; SGR14_1; SGR14_2; SNR1_1; SNR2_1; SNR2_2; WA036_1; WA036_2; WA117_1; WA609_1; WA612_1; WA614_1; WA614_2; WA619_1; WA619_2; WA622_1; WA705_1; WA705_2; WA707_1; WA708_1; WA708_2; WA720_1

2	<i>rothschildi</i> _MF04_2	15	MF04_2; MF06_1; MF06_2; MF07_1; MF07_2; MF09_2; MF11_1; MF11_2; MF14_1; MF14_2; MF15_2; MF17_2; SNR1_2; ZNP01_1; ZNP01_2
3	<i>peralta</i> _WA026_2	4	WA026_2; WA612_2; WA623_2; WA700_2
4	<i>peralta</i> _WA117_2	1	WA117_2
5	<i>peralta</i> _WA606_1	1	WA606_1
6	<i>reticulata</i> _RET1_1	12	RET1_1; RETRot3_1; RETWil2_1; ISC03_2; WA026_1; WA606_2; WA609_2; WA621_1; WA621_2; WA622_2; WA707_2; WA720_2
7	<i>reticulata</i> _RET1_2	8	RET1_2; RET4_2; RET6_2; RETRot1_2; RETRot2_2; RETRot3_2; RETWil_2; RETWil2_2
8	<i>reticulata</i> _RET3_2	4	RET3_2; LWC01_2; WA623_1; WA700_1
9	<i>tippelskirchi</i> _SGR01_1	1	SGR01_1
10	<i>giraffa</i> _BNP01_1	123	BNP01_1; BNP01_2; BNP02_1; BNP02_2; BNP03_1; BNP03_2; BNP04_1; BNP04_2; BNP05_1; BNP05_2; BNP06_1; BNP06_2; BNP09_1; BNP09_2; CKGR01_1; CKGR01_2; CKGR02_1; CKGR02_2; CKGR03_1; CKGR03_2; CKGR05_1; CKGR05_2; CNP01_1; CNP01_2; CNP02_1; CNP02_2; CNP03_1; CNP03_2; ENP04_1; ENP04_2; ENP07_1; ENP07_2; ENP08_1; ENP08_2; ENP09_1; ENP09_2; ENP11_1; ENP11_2; ENP12_1; ENP12_2; ENP14_1; ENP14_2; ENP15_1; ENP15_2; ENP16_1; ENP16_2; ENP17_1; ENP17_2; ENP18_1; ENP18_2; ENP19_1; ENP19_2; ENP20_1; ENP20_2; ENP21_1; ENP21_2; KKR01_1; KKR01_2; KKR02_1; KKR02_2; KKR03_1; KKR03_2; KKR04_1; KKR04_2; KKR05_1; KKR05_2; KKR07_1; KKR07_2; KKR08_1; KKR08_2; MGR01_1; MGR01_2; MGR02_1; MGR02_2; MGR03_1; MGR03_2; MGR04_1; MGR04_2; MGR05_1; MGR05_2; MTNP01_1; MTNP01_2; MTNP02_1; MTNP02_2; MTNP03_1; MTNP03_2; SGR01_2; SNNP_1; SNNP_2; SUN1_1; SUN1_2; SUN2_1; SUN2_2; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V23_2; V24_1; V24_2; V25_1; V25_2; V26_1; V26_2; V27_1; V27_2; V28_1; V28_2; V29_1; V29_2; V30_1; V30_2; V31_1; V31_2; V36_1; V36_2; V37_1; V37_2; V38_1; V38_2; V39_1; V39_2

Table L. Overview of the respective alleles comprised by the haplotypes shown in the network of *NUP155*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>camelopardalis</i> _BaNP4_1	2	BaNP4_1; SNR1_1
2	<i>camelopardalis</i> _BaNP4_2	171	BaNP4_2; BNP01_1; BNP01_2; BNP02_1; BNP02_2; BNP03_1; BNP03_2; BNP04_1; BNP04_2; BNP05_1; BNP05_2; BNP06_1; BNP06_2; BNP09_1; BNP09_2; CKGR01_1; CKGR01_2; CKGR02_1; CKGR02_2; CKGR03_1; CKGR03_2; CKGR05_1; CKGR05_2; CNP01_1; CNP01_2; CNP02_1; CNP02_2; CNP03_1; CNP03_2; ENP04_1; ENP04_2; ENP07_1; ENP07_2; ENP08_1; ENP08_2; ENP09_1; ENP09_2; ENP11_1; ENP11_2; ENP12_1; ENP12_2; ENP14_1; ENP14_2; ENP15_1; ENP15_2; ENP16_1; ENP16_2; ENP17_1; ENP17_2; ENP18_1; ENP18_2; ENP19_1; ENP19_2; ENP20_1; ENP20_2; ENP21_1; ENP21_2; ETH2_1; GNP02_1; GNP02_2; KKR01_1; KKR01_2; KKR02_1; KKR02_2; KKR03_1; KKR03_2; KKR04_1; KKR04_2; KKR05_1; KKR05_2; KKR07_1; KKR07_2; KKR08_1; KKR08_2; LVNP18_1;

			LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP32_1; LVNP32_2; LVNP33_1; LVNP33_2; LVNP34_1; LVNP34_2; LVNP35_1; LVNP35_2; LVNP36_1; LVNP36_2; MGR01_1; MGR01_2; MGR02_1; MGR02_2; MGR03_1; MGR03_2; MGR04_1; MGR04_2; MGR05_1; MGR05_2; MTNP01_1; MTNP01_2; MTNP02_1; MTNP02_2; MTNP03_1; MTNP03_2; RET1_1; RET1_2; RET5_1; RET6_1; RETWil_1; ISC03_1; ISC03_2; ISC08_1; ISC08_2; LWC01_1; SGR01_1; SGR01_2; SGR05_1; SGR06_1; SGR06_2; SGR07_1; SGR07_2; SGR12_1; SGR12_2; SGR13_1; SGR13_2; SGR14_1; SGR14_2; SNNP_1; SNNP_2; SNR1_2; SUN1_1; SUN1_2; SUN2_1; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V23_2; V24_1; V24_2; V25_1; V25_2; V26_1; V26_2; V27_1; V27_2; V28_1; V28_2; V29_1; V29_2; V30_1; V30_2; V31_1; V31_2; V36_1; V36_2; V37_1; V37_2; V38_1; V38_2; V39_1; V39_2
3	<i>camelopardalis_ETH1_1</i>	2	ETH1_1; ETH3_1
4	<i>camelopardalis_ETH1_2</i>	2	ETH1_2; ETH3_2
5	<i>camelopardalis_ETH2_2</i>	1	ETH2_2
6	<i>peralta_WA036_1</i>	25	WA036_1; WA117_2; WA606_1; WA606_2; WA609_1; WA609_2; WA612_1; WA612_2; WA614_1; WA614_2; WA619_1; WA621_1; WA621_2; WA622_1; WA622_2; WA623_1; WA623_2; WA700_1; WA700_2; WA705_1; WA705_2; WA707_2; WA708_1; WA720_1; WA720_2
7	<i>peralta_WA036_2</i>	3	WA036_2; WA619_2; WA708_2
8	<i>antiquorum_GNP01_1</i>	16	GNP01_1; GNP03_1; GNP05_1; RET3_1; RETRot1_1; RETRot1_2; RETRot2_1; RETRot2_2; RETRot3_2; RETWil_2; ISC04_1; ISC04_2; LWC01_2; SNR2_1; ZNP01_1; ZNP01_2
9	<i>antiquorum_GNP01_2</i>	13	GNP01_2; GNP03_2; GNP04_1; GNP04_2; GNP05_2; MF01_1; MF03_1; MF09_1; MF09_2; MF17_1; MF24_1; RETWil2_1; SNR2_2
10	<i>rothschildi_MF01_2</i>	28	MF01_2; MF02_1; MF02_2; MF03_2; MF04_1; MF04_2; MF05_1; MF05_2; MF06_1; MF06_2; MF07_1; MF07_2; MF11_1; MF11_2; MF13_1; MF13_2; MF14_1; MF14_2; MF15_1; MF15_2; MF17_2; MF24_2; RET3_2; RETWil2_2; WA026_1; WA026_2; WA117_1; WA707_1
11	<i>reticulata_RET4_1</i>	1	RET4_1
12	<i>reticulata_RET4_2</i>	1	RET4_2
13	<i>reticulata_RET5_2</i>	1	RET5_2
14	<i>reticulata_RET6_2</i>	2	RET6_2; RETRot3_1
15	<i>thornicrofti_LVNP31_1</i>	2	LVNP31_1; LVNP31_2
16	<i>tippelskirchi_SGR05_2</i>	1	SGR05_2
17	<i>giraffa_SUN_2</i>	1	SUN_2

Table M. Overview of the respective alleles comprised by the haplotypes shown in the network of *OTOF*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>camelopardalis_BaNP4_1</i>	37	BaNP4_1; ETH1_1; ETH1_2; GNP01_1; GNP02_1; GNP02_2; GNP03_1; GNP04_1; GNP04_2; GNP05_1; GNP05_2; MF01_1; MF01_2; MF02_1; MF03_1; MF05_1; MF06_1; MF09_1; MF11_1; MF13_1; MF13_2; MF14_1; MF14_2; MF15_1; MF16_1; MF16_2; MF17_2; MF24_1; MF24_2; RETWil2_1; SNR1_1; SNR1_2; SNR2_1; SNR2_2; WA036_1; WA606_1; WA708_1
2	<i>camelopardalis_BaNP4_2</i>	4	BaNP4_2; WA026_2; WA705_1; WA720_1
3	<i>camelopardalis_ETH2_1</i>	26	ETH2_1; ETH2_2; ETH3_1; ETH3_2; GNP01_2; GNP03_2; MF02_2; MF03_2; MF04_1; MF04_2; MF06_2; MF07_1; MF07_2; MF09_2; MF11_2; MF15_2; RET1_1; RET1_2; RET3_2; RET4_2; RET6_2; RETRot1_2; RETRot2_2; RETRot3_1; RETRot3_2; ISC04_1; ISC04_2
4	<i>antiquorum_ZNP01_1</i>	2	ZNP01_1; ZNP01_2
5	<i>peralta_WA026_1</i>	10	WA026_1; WA036_2; WA117_2; WA612_2; WA621_1; WA621_2; WA623_1; WA623_2; WA707_1; WA707_2
6	<i>peralta_WA117_1</i>	4	WA117_1; WA614_1; WA622_1; WA700_1
7	<i>peralta_WA606_2</i>	6	WA606_2; WA609_1; WA612_1; WA614_2; WA619_2; WA708_2
8	<i>peralta_WA609_2</i>	1	WA609_2
9	<i>peralta_WA622_2</i>	1	WA622_2
10	<i>peralta_WA626_1</i>	1	WA626_1
11	<i>peralta_WA705_2</i>	2	WA705_2; WA720_2
12	<i>reticulata_LWC01_2</i>	1	LWC01_2
13	<i>rothschildi_MF05_2</i>	1	MF05_2
14	<i>rothschildi_MF17_1</i>	1	MF17_1
15	<i>reticulata_RET3_1</i>	9	RET3_1; RET5_2; RET6_1; RETRot1_1; RETWil2_2; RETWil2_2; ISC03_1; ISC03_2; ISC08_2
16	<i>thornicrofti_LVNP31_1</i>	8	LVNP31_1; LVNP31_2; SGR01_2; SGR07_2; SGR12_1; SGR12_2; SGR13_1; SGR13_2
17	<i>thornicrofti_LVNP35_1</i>	2	LVNP35_1; LVNP35_2
18	<i>giraffa_BNP01_1</i>	95	BNP01_1; BNP01_2; BNP02_1; BNP03_1; BNP03_2; BNP04_1; BNP05_1; BNP05_2; BNP06_1; BNP06_2; BNP09_1; BNP09_2; CKGR03_1; CKGR03_2; CKGR05_1; CNP01_1; CNP01_2; CNP02_1; CNP03_1; CNP03_2; ENP04_1; ENP07_1; ENP08_1; ENP09_1; ENP11_1; ENP11_2; ENP12_1; ENP12_2; ENP14_1; ENP14_2; ENP15_1; ENP15_2; ENP16_1; ENP16_2; ENP17_1; ENP17_2; ENP18_1; ENP18_2; ENP19_1; ENP19_2; ENP20_1; ENP21_1; ENP21_2; KKR01_1; KKR01_2; KKR02_1; KKR02_2; KKR03_1; KKR04_1; KKR04_2; KKR05_1; KKR05_2; KKR07_1; KKR08_1; KKR08_2; MGR01_1; MGR01_2; MGR02_1; MGR02_2; MGR03_1; MGR03_2; MGR04_1; MGR05_1; MGR05_2; MTNP02_1; MTNP02_2; SNNP_1; SNNP_2; SUN1_1; SUN1_2; SUN2_1; SUN2_2; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V23_2; V24_1; V25_1; V26_1; V27_1; V27_2; V28_1; V28_2; V29_1; V30_1; V31_1; V36_1; V36_2; V37_1; V37_2; V38_1; V38_2; V39_1; V39_2
19	<i>giraffa_BNP02_2</i>	59	BNP02_2; BNP04_2; CKGR01_1; CKGR01_2; CKGR02_1; CKGR02_2; CKGR05_2; CNP02_2; ENP04_2; ENP07_2; ENP08_2; ENP09_2; ENP20_2; KKR07_2; LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP32_1; LVNP32_2; LVNP34_1; LVNP34_2; LVNP36_1; LVNP36_2; MGR04_2; MTNP01_1; MTNP01_2; MTNP03_1; MTNP03_2; RET4_1; RET5_1; RETRot2_1; RETWil_1; ISC08_1; LWC01_1; SGR01_1;

SGR05_1; SGR05_2; SGR06_1; SGR06_2; SGR07_1; SGR14_1; SGR14_2;
V24_2; V25_2; V26_2; V29_2; V30_2; V31_2; WA619_1; WA700_2

Table N. Overview of the respective alleles comprised by the haplotypes shown in the network of *PLCE1*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>camelopardalis_BaNP4_1</i>	110	BaNP4_1; BaNP4_2; CKGR01_1; CKGR01_2; ETH1_1; ETH1_2; ETH2_1; ETH2_2; ETH3_1; ETH3_2; GNP01_1; GNP01_2; GNP02_1; GNP02_2; GNP03_1; GNP03_2; GNP04_1; GNP04_2; GNP05_1; GNP05_2; MF01_1; MF01_2; MF02_1; MF03_1; MF03_2; MF04_1; MF05_1; MF05_2; MF07_1; MF11_1; MF11_2; MF13_1; MF13_2; MF14_1; MF14_2; MF15_1; MF16_1; MF16_2; MF17_1; MF24_1; MF24_2; RET1_1; RET1_2; RET3_1; RET3_2; RET4_1; RET4_2; RET5_1; RET5_2; RET6_1; RET6_2; RETRot1_1; RETRot1_2; RETRot2_1; RETRot2_2; RETRot3_1; RETRot3_2; RETWil_1; RETWil_2; RETWil2_1; RETWil2_2; ISC03_1; ISC03_2; ISC04_1; ISC04_2; ISC08_1; ISC08_2; LWC01_1; LWC01_2; SNR1_1; SNR1_2; SNR2_1; SNR2_2; V30_1; WA026_1; WA026_2; WA036_1; WA036_2; WA117_1; WA117_2; WA606_1; WA606_2; WA609_1; WA609_2; WA612_1; WA612_2; WA614_1; WA614_2; WA619_1; WA619_2; WA621_1; WA621_2; WA622_1; WA622_2; WA623_1; WA623_2; WA700_1; WA700_2; WA705_1; WA705_2; WA707_1; WA707_2; WA708_1; WA708_2; WA720_1; WA720_2; ZNP01_1; ZNP01_2
2	<i>giraffa_MGR02_1</i>	1	MGR02_1
3	<i>giraffa_MGR02_2</i>	13	MGR02_2; SNNP_1; SNNP_2; V24_1; V26_2; V27_1; V27_2; V28_2; V30_2; V31_1; V31_2; V39_1; V39_2
4	<i>giraffa_MGR05_1</i>	1	MGR05_1
5	<i>giraffa_V36_1</i>	1	V36_1
6	<i>giraffa_KKR05_2</i>	1	KKR05_2
7	<i>giraffa_BNP01_1</i>	13	BNP01_1; BNP02_1; BNP04_1; BNP09_1; CNP01_1; CNP01_2; ENP15_2; ENP16_1; ENP16_2; ENP18_2; ENP19_2; MGR05_2; V37_2
8	<i>giraffa_BNP01_2</i>	50	BNP01_2; BNP02_2; BNP03_1; BNP03_2; BNP04_2; BNP05_2; BNP06_1; BNP06_2; BNP09_2; CNP03_1; CNP03_2; ENP04_2; ENP07_2; ENP08_1; ENP08_2; ENP09_2; ENP21_2; KKR01_1; KKR01_2; KKR02_2; KKR03_1; KKR03_2; KKR04_2; KKR07_2; KKR08_1; KKR08_2; MF02_2; MF04_2; MF06_1; MF06_2; MF07_2; MF09_1; MF09_2; MF15_2; MF17_2; MGR01_1; MGR01_2; MGR03_2; MGR04_1; MGR04_2; MTNP01_2; MTNP02_2; MTNP03_2; V23_2; V24_2; V25_1; V25_2; V36_2; V38_1; V38_2
9	<i>giraffa_BNP05_1</i>	84	BNP05_1; CKGR02_1; CKGR02_2; CKGR03_1; CKGR03_2; CKGR05_1; CKGR05_2; ENP04_1; ENP07_1; ENP09_1; ENP11_1; ENP11_2; ENP12_1; ENP12_2; ENP14_1; ENP14_2; ENP15_1; ENP17_1; ENP17_2; ENP18_1; ENP19_1; ENP20_1; ENP20_2; ENP21_1; KKR02_1; KKR04_1; KKR05_1; KKR07_1; LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP31_2; LVNP32_1; LVNP32_2; LVNP33_1; LVNP33_2; LVNP34_1; LVNP34_2; LVNP35_1; LVNP35_2; LVNP36_1; LVNP36_2; MGR03_1; MTNP01_1; MTNP02_1; MTNP03_1; SGR01_1; SGR01_2; SGR05_1; SGR05_2; SGR06_1; SGR06_2; SGR07_1; SGR07_2; SGR12_1; SGR12_2; SGR13_1; SGR13_2; SGR14_1; SGR14_2; SUN1_1; SUN1_2; SUN2_1; SUN2_2; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V26_1; V28_1; V29_1; V29_2; V37_1

Table O. Overview of the respective alleles comprised by the haplotypes shown in the network of *RASSF4*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>antiquorum</i> _GNP01_1	8	GNP01_1; GNP01_2; GNP03_1; GNP03_2; GNP04_1; GNP04_2; SNR2_1; SNR2_2
2	<i>angolensis</i> _CKGR02_2	24	CKGR02_2; CNP01_2; GNP02_2; GNP05_1; GNP05_2; SNR1_1; SNR1_2; WA026_1; WA026_2; WA036_1; WA036_2; WA606_1; WA606_2; WA609_1; WA609_2; WA623_1; WA623_2; WA700_1; WA700_2; WA707_1; WA708_1; WA708_2; ZNP01_1; ZNP01_2
3	<i>camelopardalis</i> _ETH1_1	40	ETH1_1; ETH1_2; LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP31_2; LVNP33_1; LVNP33_2; LVNP34_1; LVNP34_2; LVNP35_1; LVNP35_2; LVNP36_1; LVNP36_2; RET6_2; RETRot1_1; SGR01_1; SGR01_2; SGR05_1; SGR05_2; SGR06_1; SGR06_2; SGR07_1; SGR07_2; SGR12_1; SGR12_2; SGR13_1; SGR13_2; SGR14_1; SGR14_2
4	<i>camelopardalis</i> _ETH2_1	22	ETH2_1; ETH2_2; ETH3_1; MF01_1; MF03_1; MF03_2; MF04_1; MF05_1; MF07_1; MF09_1; MF09_2; MF13_1; MF13_2; MF14_1; MF15_1; MF16_1; MF16_2; MF24_1; WA619_1; WA619_2; WA621_1; WA622_1
5	<i>camelopardalis</i> _ETH3_2	5	ETH3_2; MF02_1; MF02_2; MF06_1; MF06_2
6	<i>rothschildi</i> _MF01_2	1	MF01_2
7	<i>rothschildi</i> _MF04_2	3	MF04_2; MF05_2; MF07_2
8	<i>rothschildi</i> _MF11_1	1	MF11_1
9	<i>rothschildi</i> _MF11_2	2	MF11_2; MF17_1
10	<i>rothschildi</i> _MF14_2	1	MF14_2
11	<i>rothschildi</i> _MF15_2	2	MF15_2; MF24_2
12	<i>rothschildi</i> _MF17_2	1	MF17_2
13	<i>peralta</i> _WA614_1	4	WA614_1; WA614_2; WA622_2; WA705_1
14	<i>peralta</i> _WA621_2	1	WA621_2
15	<i>peralta</i> _WA705_2	1	WA705_2
16	<i>peralta</i> _WA707_2	1	WA707_2
17	<i>peralta</i> _WA720_1	2	WA720_1; WA720_2
18	<i>reticulata</i> _RET1_2	1	RET1_2
19	<i>reticulata</i> _RET3_2	1	RET3_2
20	<i>reticulata</i> _RET4_1	2	RET4_1; RETRot2_1
21	<i>reticulata</i> _RET4_2	1	RET4_2
22	<i>reticulata</i> _RET5_1	1	RET5_1
23	<i>reticulata</i> _RET5_2	1	RET5_2
24	<i>reticulata</i> _RET6_1	8	RET6_1; RETRot1_2; RETRot3_1; RETWil2_1; ISC03_1; ISC03_2; ISC04_1; ISC08_1

25	<i>reticulata</i> _RETRot2_2	3	RETRot2_2; RETRot3_2; RETWil2_2
26	<i>reticulata</i> _RETWil_1	1	RETWil_1
27	<i>reticulata</i> _RETWil_2	1	RETWil_2
28	<i>reticulata</i> _ISC04_2	2	ISC04_2; ISC08_2
29	<i>reticulata</i> _LWC01_1	2	LWC01_1; LWC01_2
30	<i>giraffa</i> _MGR01_1	3	MGR01_1; MGR02_1; RET3_1
31	<i>giraffa</i> _MGR01_2	2	MGR01_2; MGR02_2
32	<i>giraffa</i> _BNP01_1	118	BNP01_1; BNP01_2; BNP02_1; BNP02_2; BNP03_1; BNP03_2; BNP04_1; BNP04_2; BNP05_1; BNP05_2; BNP06_1; BNP06_2; BNP09_1; BNP09_2; CKGR01_1; CKGR01_2; CKGR02_1; CKGR03_1; CKGR03_2; CKGR05_1; CKGR05_2; CNP01_1; CNP02_1; CNP02_2; CNP03_1; CNP03_2; ENP04_1; ENP04_2; ENP07_1; ENP07_2; ENP08_1; ENP08_2; ENP09_1; ENP09_2; ENP11_1; ENP11_2; ENP12_1; ENP12_2; ENP14_1; ENP14_2; ENP15_1; ENP15_2; ENP16_1; ENP16_2; ENP17_1; ENP17_2; ENP18_1; ENP18_2; ENP19_1; ENP19_2; ENP20_1; ENP20_2; ENP21_1; ENP21_2; GNP02_1; KKR01_1; KKR01_2; KKR02_1; KKR02_2; KKR03_1; KKR03_2; KKR04_1; KKR04_2; KKR05_1; KKR05_2; KKR07_1; KKR07_2; KKR08_1; KKR08_2; MGR03_1; MGR03_2; MGR04_1; MGR04_2; MGR05_1; MGR05_2; MTNP01_1; MTNP01_2; MTNP02_1; MTNP02_2; MTNP03_1; MTNP03_2; RET1_1; SNNP_1; SNNP_2; SUN1_1; SUN1_2; SUN2_1; SUN2_2; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V23_2; V24_1; V24_2; V25_1; V25_2; V26_1; V26_2; V27_1; V27_2; V28_1; V28_2; V29_1; V29_2; V30_1; V30_2; V31_1; V31_2; V36_1; V36_2; V37_1; V37_2; V38_1; V38_2; V39_1; V39_2

Table P. Overview of the respective alleles comprised by the haplotypes shown in the network of *RFC5*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>camelopardalis</i> _BaNP4_1	76	BaNP4_1; ETH1_1; ETH1_2; ETH2_1; ETH3_1; ETH3_2; GNP01_1; GNP01_2; GNP03_1; GNP03_2; GNP04_1; GNP04_2; GNP05_1; MF01_1; MF01_2; MF02_1; MF02_2; MF03_1; MF03_2; MF04_1; MF04_2; MF05_1; MF05_2; MF06_1; MF06_2; MF07_1; MF07_2; MF09_1; MF09_2; MF11_1; MF11_2; MF13_1; MF13_2; MF14_1; MF14_2; MF15_1; MF15_2; MF16_1; MF16_2; MF17_1; MF17_2; MF24_1; MF24_2; RET1_1; RET4_1; RET6_1; RETWil2_1; ISC04_1; LWC01_1; LWC01_2; SNR1_1; SNR1_2; SNR2_1; SNR2_2; WA026_1; WA026_2; WA036_1; WA117_1; WA606_1; WA606_2; WA609_1; WA612_1; WA614_1; WA614_2; WA619_1; WA619_2; WA621_1; WA622_1; WA623_1; WA623_2; WA700_1; WA705_1; WA707_1; WA720_1; WA720_2; ZNP01_1
2	<i>camelopardalis</i> _BaNP4_2	2	BaNP4_2; ETH2_2
3	<i>antiquorum</i> _GNP02_1	4	GNP02_1; GNP02_2; GNP05_2; ZNP01_2
4	<i>peralta</i> _WA036_2	11	WA036_2; WA117_2; WA609_2; WA612_2; WA621_2; WA622_2; WA700_2; WA705_2; WA707_2; WA708_1; WA708_2
5	<i>reticulata</i> _RET1_2	14	RET1_2; RET3_2; RET4_2; RET5_1; RET5_2; RET6_2; RETRot1_1; RETRot1_2; RETWil_2; RETWil2_2; ISC03_1; ISC03_2; ISC04_2; ISC08_2

6	<i>reticulata</i> _RET3_1	3	RET3_1; RETWil_1; ISC08_1
7	<i>reticulata</i> _RETRot2_1	1	RETRot2_1
8	<i>reticulata</i> _RETRot2_2	1	RETRot2_2
9	<i>reticulata</i> _RETRot3_1	1	RETRot3_1
10	<i>reticulata</i> _RETRot3_2	1	RETRot3_2
11	<i>thornicrofti</i> _LVNP18_1	38	LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP31_2; LVNP32_1; LVNP32_2; LVNP33_1; LVNP33_2; LVNP34_1; LVNP34_2; LVNP35_1; LVNP35_2; LVNP36_1; LVNP36_2; SGR01_1; SGR01_2; SGR05_1; SGR05_2; SGR06_1; SGR06_2; SGR07_1; SGR07_2; SGR12_1; SGR12_2; SGR13_1; SGR13_2; SGR14_1; SGR14_2
12	<i>angolensis</i> _ENP04_1	1	ENP04_1
13	<i>angolensis</i> _ENP08_1	2	ENP08_1; ENP12_1
14	<i>angolensis</i> _ENP08_2	9	ENP08_2; ENP11_1; ENP11_2; ENP14_1; ENP15_1; ENP20_1; ENP20_2; ENP21_1; ENP21_2
15	<i>angolensis</i> _ENP12_2	2	ENP12_2; ENP15_2
16	<i>angolensis</i> _ENP17_1	2	ENP17_1; ENP18_1
17	<i>angolensis</i> _ENP17_2	1	ENP17_2
18	<i>giraffa</i> _KKR05_1	2	KKR05_1; KKR05_2
19	<i>giraffa</i> _BNP01_1	103	BNP01_1; BNP01_2; BNP02_1; BNP02_2; BNP03_1; BNP03_2; BNP04_1; BNP04_2; BNP05_1; BNP05_2; BNP06_1; BNP06_2; BNP09_1; BNP09_2; CKGR01_1; CKGR01_2; CKGR02_1; CKGR02_2; CKGR03_1; CKGR03_2; CKGR05_1; CKGR05_2; CNP01_1; CNP01_2; CNP02_1; CNP02_2; CNP03_1; CNP03_2; ENP04_2; ENP07_1; ENP07_2; ENP09_1; ENP09_2; ENP14_2; ENP16_1; ENP16_2; ENP18_2; ENP19_1; ENP19_2; KKR01_1; KKR01_2; KKR02_1; KKR02_2; KKR03_1; KKR03_2; KKR04_1; KKR04_2; KKR07_1; KKR07_2; KKR08_1; KKR08_2; MGR01_1; MGR01_2; MGR02_1; MGR02_2; MGR03_1; MGR03_2; MGR04_1; MGR04_2; MGR05_1; MGR05_2; MTNP01_1; MTNP01_2; MTNP02_1; MTNP02_2; MTNP03_1; MTNP03_2; SNNP_1; SNNP_2; SUN1_1; SUN1_2; SUN2_1; SUN2_2; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V23_2; V24_1; V24_2; V25_1; V25_2; V26_1; V26_2; V27_1; V27_2; V28_1; V28_2; V29_1; V29_2; V30_1; V30_2; V31_1; V31_2; V36_1; V36_2; V37_1; V37_2; V38_1; V38_2; V39_1; V39_2

Table Q. Overview of the respective alleles comprised by the haplotypes shown in the network of *SAP130*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>antiquorum</i> _SNR2_1	2	SNR2_1; SNR2_2
2	<i>peralta</i> _WA036_2	3	WA036_2; WA612_2; WA622_2

3	<i>camelopardalis_BaNP4_1</i>	86	BaNP4_1; BaNP4_2; ETH1_1; ETH1_2; ETH2_1; ETH2_2; ETH3_1; ETH3_2; GNP01_1; GNP01_2; GNP02_1; GNP02_2; GNP03_1; GNP03_2; GNP04_1; GNP04_2; GNP05_1; GNP05_2; MF01_1; MF01_2; MF02_1; MF02_2; MF03_1; MF03_2; MF04_1; MF04_2; MF05_1; MF05_2; MF06_1; MF06_2; MF07_1; MF07_2; MF09_1; MF09_2; MF11_1; MF11_2; MF13_1; MF13_2; MF14_1; MF14_2; MF15_1; MF15_2; MF16_1; MF16_2; MF17_1; MF17_2; MF24_1; MF24_2; RET1_1; RET3_1; RET3_2; RET4_1; RET4_2; RETWil2_1; ISC03_1; LWC01_1; SNR1_1; SNR1_2; WA026_1; WA026_2; WA036_1; WA117_1; WA117_2; WA606_1; WA609_1; WA609_2; WA612_1; WA614_1; WA614_2; WA619_1; WA619_2; WA622_1; WA623_1; WA623_2; WA700_1; WA700_2; WA705_1; WA705_2; WA707_1; WA707_2; WA708_1; WA708_2; WA720_1; WA720_2; ZNP01_1; ZNP01_2
4	<i>peralta_WA606_2</i>	3	WA606_2; WA621_1; WA621_2
5	<i>reticulata_RET1_2</i>	12	RET1_2; RET6_2; RETRot1_2; RETRot2_1; RETRot2_2; RETRot3_2; RETWil_1; RETWil_2; ISC04_1; ISC04_2; ISC08_1; ISC08_2
6	<i>reticulata_RET5_1</i>	1	RET5_1
7	<i>reticulata_RET5_2</i>	5	RET5_2; RET6_1; RETRot1_1; RETRot3_1; LWC01_2
8	<i>reticulata_RETWil2_2</i>	1	RETWil2_2
9	<i>reticulata_ISC03_2</i>	1	ISC03_2
10	<i>thornicrofti_LVNP18_1</i>	27	LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP31_2; LVNP32_1; LVNP32_2; LVNP33_1; LVNP33_2; LVNP34_1; LVNP34_2; LVNP35_1; LVNP35_2; LVNP36_1; LVNP36_2; SGR05_1; SGR06_1; SGR14_1
11	<i>angolensis_CKGR03_1</i>	2	CKGR03_1; CKGR03_2
12	<i>angolensis_ENP04_2</i>	1	ENP04_2
13	<i>giraffa_BNP01_1</i>	130	BNP01_1; BNP01_2; BNP02_1; BNP02_2; BNP03_1; BNP03_2; BNP04_1; BNP04_2; BNP05_1; BNP05_2; BNP06_1; BNP06_2; BNP09_1; BNP09_2; CKGR01_1; CKGR01_2; CKGR02_1; CKGR02_2; CKGR05_1; CKGR05_2; CNP01_1; CNP01_2; CNP02_1; CNP02_2; CNP03_1; CNP03_2; ENP04_1; ENP07_1; ENP07_2; ENP08_1; ENP08_2; ENP09_1; ENP09_2; ENP11_1; ENP11_2; ENP12_1; ENP12_2; ENP14_1; ENP14_2; ENP15_1; ENP15_2; ENP16_1; ENP16_2; ENP17_1; ENP17_2; ENP18_1; ENP18_2; ENP19_1; ENP19_2; ENP20_1; ENP20_2; ENP21_1; ENP21_2; KKR01_1; KKR01_2; KKR02_1; KKR02_2; KKR03_1; KKR03_2; KKR04_1; KKR04_2; KKR05_1; KKR05_2; KKR07_1; KKR07_2; KKR08_1; KKR08_2; MGR01_1; MGR01_2; MGR02_1; MGR02_2; MGR03_1; MGR03_2; MGR04_1; MGR04_2; MGR05_1; MGR05_2; MTNP01_1; MTNP01_2; MTNP02_1; MTNP02_2; MTNP03_1; MTNP03_2; SGR01_1; SGR01_2; SGR05_2; SGR06_2; SGR07_1; SGR07_2; SGR12_1; SGR12_2; SGR13_1; SGR13_2; SGR14_2; SNNP_1; SNNP_2; SUN1_1; SUN1_2; SUN2_1; SUN2_2; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V23_2; V24_1; V24_2; V25_1; V25_2; V26_1; V26_2; V27_1; V27_2; V28_1; V28_2; V29_1; V29_2; V30_1; V30_2; V31_1; V31_2; V36_1; V36_2; V37_1; V37_2; V38_1; V38_2; V39_1; V39_2

Table R. Overview of the respective alleles comprised by the haplotypes shown in the network of *SOS1*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>camelopardalis</i>_BaNP4_1	96	BaNP4_1; BaNP4_2; ETH1_1; ETH1_2; ETH2_1; ETH2_2; ETH3_1; ETH3_2; GNP01_1; GNP01_2; GNP02_1; GNP02_2; GNP03_1; GNP03_2; GNP04_1; GNP04_2; GNP05_1; GNP05_2; MF01_1; MF01_2; MF02_1; MF02_2; MF03_1; MF03_2; MF04_1; MF04_2; MF05_1; MF05_2; MF06_1; MF06_2; MF07_1; MF07_2; MF09_1; MF09_2; MF11_1; MF11_2; MF13_1; MF13_2; MF14_1; MF14_2; MF15_1; MF15_2; MF16_1; MF16_2; MF17_1; MF17_2; MF24_1; MF24_2; RET1_1; RET1_2; RET3_1; RET3_2; RET4_1; RET4_2; RET5_1; RET6_1; RETRot1_1; RETRot2_1; RETRot2_2; RETRot3_1; RETRot3_2; RETWil_1; RETWil2_1; RETWil2_2; ISC04_1; ISC04_2; ISC08_1; ISC08_2; LWC01_1; LWC01_2; SNR1_1; SNR1_2; SNR2_1; SNR2_2; WA026_1; WA026_2; WA036_1; WA036_2; WA621_1; WA621_2; WA622_1; WA622_2; WA623_1; WA623_2; WA700_1; WA700_2; WA705_1; WA705_2; WA707_1; WA707_2; WA708_1; WA708_2; WA720_1; WA720_2; ZNP01_1; ZNP01_2
2	<i>reticulata</i>_RET5_2	4	RET5_2; RET6_2; RETRot1_2; RETWil_2
3	<i>reticulata</i>_ISC03_1	2	ISC03_1; ISC03_2
4	<i>thornicrofti</i>_LVNP32_1	2	LVNP32_1; LVNP32_2
5	<i>giraffa</i>_KKR03_2	38	KKR03_2; LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP31_2; LVNP33_1; LVNP33_2; LVNP34_1; LVNP34_2; LVNP35_1; LVNP35_2; LVNP36_1; LVNP36_2; MGR03_1; SGR01_1; SGR01_2; SGR05_1; SGR05_2; SGR06_1; SGR06_2; SGR07_1; SGR07_2; SGR12_1; SGR12_2; SGR13_1; SGR13_2; SGR14_1; SGR14_2
6	<i>giraffa</i>_MGR04_2	1	MGR04_2
7	<i>giraffa</i>_BNP01_1	28	BNP01_1; BNP01_2; BNP03_1; BNP04_1; BNP04_2; BNP05_1; BNP06_1; BNP09_1; BNP09_2; CKGR05_1; CKGR05_2; KKR01_1; KKR01_2; KKR03_1; MGR01_1; MGR01_2; MGR02_1; MGR04_1; MTNP01_1; MTNP01_2; MTNP02_1; MTNP03_1; MTNP03_2; V29_1; V31_1; V36_1; V37_1; V38_1
8	<i>giraffa</i>_BNP02_1	91	BNP02_1; BNP02_2; BNP03_2; BNP05_2; BNP06_2; CKGR01_1; CKGR01_2; CKGR02_1; CKGR02_2; CKGR03_1; CKGR03_2; CNP01_1; CNP01_2; CNP02_1; CNP02_2; CNP03_1; CNP03_2; ENP04_1; ENP04_2; ENP07_1; ENP07_2; ENP08_1; ENP08_2; ENP09_1; ENP09_2; ENP11_1; ENP11_2; ENP12_1; ENP12_2; ENP14_1; ENP14_2; ENP15_1; ENP15_2; ENP16_1; ENP16_2; ENP17_1; ENP17_2; ENP18_1; ENP18_2; ENP19_1; ENP19_2; ENP20_1; ENP20_2; ENP21_1; ENP21_2; KKR02_1; KKR02_2; KKR04_1; KKR04_2; KKR05_1; KKR05_2; KKR07_1; KKR07_2; KKR08_1; KKR08_2; MGR02_2; MGR03_2; MGR05_1; MGR05_2; MTNP02_2; SNNP_1; SNNP_2; SUN1_1; SUN1_2; SUN2_1; SUN2_2; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V23_2; V24_1; V24_2; V25_1; V25_2; V26_1; V26_2; V27_1; V27_2; V28_1; V28_2; V29_2; V30_1; V30_2; V31_2; V36_2; V37_2; V38_2; V39_1; V39_2

Table S. Overview of the respective alleles comprised by the haplotypes shown in the network of *UBN2*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>camelopardalis_BaNP4_1</i>	42	BaNP4_1; BaNP4_2; ETH1_2; ETH2_1; ETH3_1; GNP01_1; GNP01_2; GNP02_2; GNP04_1; GNP04_2; GNP05_2; MF01_1; MF03_2; MF05_1; MF07_1; MF11_1; MF11_2; MF15_1; MF16_1; MF16_2; MTNP03_1; MTNP03_2; RET1_1; RET1_2; RET3_2; RET5_1; RET5_2; RET6_1; RET6_2; RETRot3_1; SNNP_2; SNR1_1; SNR1_2; SNR2_1; SNR2_2; WA036_1; WA036_2; WA612_2; WA614_2; WA708_1; ZNP01_1; ZNP01_2
2	<i>reticulata_RET4_1</i>	14	RET4_1; RET4_2; RETRot1_1; RETRot1_2; RETRot2_1; RETRot2_2; RETWil2_1; ISC03_1; ISC03_2; ISC04_1; ISC04_2; ISC08_1; LWC01_1; LWC01_2
3	<i>reticulata_RETWil2_2</i>	1	RETWil2_2
4	<i>reticulata_ISC08_2</i>	1	ISC08_2
5	<i>thornicrofti_LVNP18_1</i>	38	LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP31_2; LVNP32_1; LVNP32_2; LVNP33_1; LVNP33_2; LVNP34_1; LVNP34_2; LVNP35_1; LVNP35_2; LVNP36_1; LVNP36_2; SGR01_1; SGR01_2; SGR05_1; SGR05_2; SGR06_1; SGR06_2; SGR07_1; SGR07_2; SGR12_1; SGR12_2; SGR13_1; SGR13_2; SGR14_1; SGR14_2
6	<i>giraffa_V25_2</i>	1	V25_2
7	<i>giraffa_BNP01_1</i>	131	BNP01_1; BNP01_2; BNP03_1; BNP04_1; BNP04_2; BNP06_1; BNP09_1; BNP09_2; CKGR01_1; CKGR01_2; CKGR02_1; CKGR02_2; CKGR03_1; CKGR05_1; CKGR05_2; CNP03_1; CNP03_2; ENP04_1; ENP07_1; ENP07_2; ENP08_1; ENP09_1; ENP09_2; ENP11_1; ENP12_1; ENP12_2; ENP14_1; ENP15_1; ENP15_2; ENP16_1; ENP16_2; ENP17_1; ENP17_2; ENP18_1; ENP18_2; ENP19_1; ENP19_2; ENP20_1; ENP21_1; ENP21_2; ETH1_1; ETH2_2; ETH3_2; GNP02_1; GNP03_1; GNP03_2; GNP05_1; KKR01_1; KKR01_2; KKR02_1; KKR02_2; KKR03_1; KKR03_2; KKR04_1; KKR04_2; KKR05_1; KKR05_2; KKR07_1; KKR07_2; KKR08_1; KKR08_2; MF01_2; MF02_1; MF02_2; MF03_1; MF04_1; MF04_2; MF05_2; MF06_1; MF06_2; MF07_2; MF09_1; MF09_2; MF13_1; MF13_2; MF14_1; MF14_2; MF15_2; MF17_1; MF17_2; MF24_1; MF24_2; MGR01_1; MGR01_2; MGR03_1; MTNP01_1; MTNP01_2; MTNP02_1; MTNP02_2; RET3_1; RETRot3_2; RETWil_1; RETWil_2; SNNP_1; SUN1_1; SUN3_1; SUN3_2; SUN4_1; V24_1; V25_1; V28_1; V28_2; V36_1; V37_1; WA026_1; WA026_2; WA117_1; WA117_2; WA606_1; WA606_2; WA609_1; WA609_2; WA612_1; WA614_1; WA619_1; WA619_2; WA621_1; WA621_2; WA622_1; WA622_2; WA623_1; WA623_2; WA700_1; WA700_2; WA705_1; WA705_2; WA707_1; WA707_2; WA708_2; WA720_1; WA720_2
8	<i>giraffa_BNP02_1</i>	1	BNP02_1
9	<i>giraffa_BNP02_2</i>	45	BNP02_2; BNP03_2; BNP05_1; BNP05_2; BNP06_2; CKGR03_2; CNP01_1; CNP01_2; CNP02_1; CNP02_2; ENP04_2; ENP08_2; ENP11_2; ENP14_2; ENP20_2; MGR02_1; MGR02_2; MGR03_2; MGR04_1; MGR04_2; MGR05_1; MGR05_2; SUN1_2; SUN2_1; SUN2_2; SUN4_2; V23_1; V23_2; V24_2; V26_1; V26_2; V27_1; V27_2; V29_1; V29_2; V30_1; V30_2; V31_1; V31_2; V36_2; V37_2; V38_1; V38_2; V39_1; V39_2

Table T. Overview of the respective alleles comprised by the haplotypes shown in the network of *USP33*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>camelopardalis</i> _BaNP4_1	2	BaNP4_1; BaNP4_2
2	<i>camelopardalis</i> _ETH1_1	37	ETH1_1; ETH2_1; ETH3_1; GNP02_1; GNP04_1; MF02_1; MF02_2; MF03_1; MF04_1; MF04_2; MF05_1; MF06_1; MF11_1; MF13_1; MF14_1; MF16_1; MF17_1; MF24_1; MF24_2; RET4_1; RET5_1; RET5_2; RET6_1; RETWil2_1; ISC04_1; LWC01_1; SNR1_1; SNR1_2; SNR2_1; SNR2_2; WA036_1; WA606_1; WA606_2; WA612_1; WA621_1; ZNP01_1; ZNP01_2
3	<i>camelopardalis</i> _ETH1_2	38	ETH1_2; ETH2_2; ETH3_2; GNP01_1; GNP01_2; GNP02_2; GNP03_1; GNP03_2; GNP04_2; GNP05_1; GNP05_2; MF01_1; MF06_2; MF11_2; MF13_2; MF16_2; RET3_1; RET3_2; RETRot1_1; RETRot1_2; RETRot2_1; RETWil_1; RETWil2_2; ISC03_1; ISC08_1; ISC08_2; WA026_2; WA036_2; WA117_2; WA612_2; WA614_1; WA622_1; WA622_2; WA623_1; WA623_2; WA705_2; WA707_1; WA707_2
4	<i>rothschildi</i> _MF01_2	11	MF01_2; MF03_2; MF05_2; MF07_1; MF07_2; MF09_1; MF09_2; MF14_2; MF15_1; MF15_2; MF17_2
5	<i>peralta</i> _WA026_1	1	WA026_1
6	<i>peralta</i> _WA609_1	5	WA609_1; WA609_2; WA619_2; WA621_2; WA700_2
7	<i>peralta</i> _WA614_2	3	WA614_2; WA708_2; WA720_2
8	<i>peralta</i> _WA117_1	6	WA117_1; WA619_1; WA700_1; WA705_1; WA708_1; WA720_1
9	<i>reticulata</i> _RET1_1	6	RET1_1; RET1_2; RETRot2_2; RETRot3_2; ISC04_2; LWC01_2
10	<i>reticulata</i> _RET4_2	4	RET4_2; RET6_2; RETWil_2; ISC03_2
11	<i>reticulata</i> _RETRot3_1	1	RETRot3_1
12	<i>thornicrofti</i> _LVNP18_1	36	LVNP18_1; LVNP18_2; LVNP19_1; LVNP19_2; LVNP20_1; LVNP20_2; LVNP21_1; LVNP21_2; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP23a_2; LVNP31_1; LVNP31_2; LVNP32_1; LVNP32_2; LVNP33_1; LVNP33_2; LVNP34_1; LVNP34_2; LVNP35_1; LVNP35_2; LVNP36_1; LVNP36_2; SGR01_1; SGR01_2; SGR05_1; SGR05_2; SGR06_1; SGR07_1; SGR07_2; SGR12_1; SGR12_2; SGR13_1; SGR13_2; SGR14_1
13	<i>tippelskirchi</i> _SGR06_2	1	SGR06_2
14	<i>tippelskirchi</i> _SGR14_2	1	SGR14_2
15	<i>giraffa</i> _MGR01_2	1	MGR01_2
16	<i>angolensis</i> _CKGR01_1	18	CKGR01_1; CKGR01_2; CKGR02_1; CKGR02_2; CKGR05_2; CNP03_2; ENP07_2; ENP08_1; ENP08_2; ENP09_2; ENP14_2; ENP15_1; ENP15_2; ENP16_1; ENP16_2; ENP17_2; ENP19_2; V29_2
17	<i>giraffa</i> _BNP01_1	103	BNP01_1; BNP01_2; BNP02_1; BNP02_2; BNP03_1; BNP03_2; BNP04_1; BNP04_2; BNP05_1; BNP05_2; BNP06_1; BNP06_2; BNP09_1; BNP09_2; CKGR03_1; CKGR03_2; CKGR05_1; CNP01_1; CNP01_2; CNP02_1; CNP02_2; CNP03_1; ENP04_1; ENP04_2; ENP07_1; ENP09_1; ENP11_1; ENP11_2; ENP12_1; ENP12_2; ENP14_1; ENP17_1; ENP18_1; ENP18_2; ENP19_1; ENP20_1; ENP20_2; ENP21_1; ENP21_2; KKR01_1; KKR01_2; KKR02_1; KKR02_2; KKR03_1; KKR03_2; KKR04_1; KKR04_2; KKR05_1; KKR05_2; KKR07_1; KKR07_2; KKR08_1; KKR08_2; MGR01_1; MGR02_1; MGR02_2; MGR03_1; MGR03_2; MGR04_1; MGR04_2; MGR05_1; MGR05_2; MTNP01_1; MTNP01_2; MTNP02_1; MTNP02_2; MTNP03_1; MTNP03_2; SNNP_1; SNNP_2; SUN1_1; SUN1_2; SUN2_1; SUN2_2; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V23_2; V24_1; V24_2; V25_1; V25_2; V26_1; V26_2; V27_1; V27_2; V28_1; V28_2; V29_1; V30_1; V30_2; V31_1; V31_2; V36_1; V36_2; V37_1; V37_2; V38_1; V38_2; V39_1; V39_2

Table U. Overview of the respective alleles comprised by the haplotypes shown in the network of *USP54*.

n	Representative individual	Σ	Included Alleles per Haplotypes
1	<i>camelopardalis</i> _BaNP4_1	35	BaNP4_1; ETH1_1; ETH2_1; GNP05_1; MF01_1; MF02_1; MF03_1; MF03_2; MF05_1; MF05_2; MF06_1; MF07_1; MF09_1; MF09_2; MF11_1; MF13_1; MF14_1; MF15_1; MF15_2; MF16_1; MF16_2; MF17_1; MF17_2; MF24_1; MF24_2; RETRot2_1; SNR1_1; SNR2_1; WA026_1; WA026_2; WA036_1; WA606_1; WA606_2; WA700_1; WA720_1
2	<i>camelopardalis</i> _BaNP4_2	32	BaNP4_2; ETH1_2; ETH2_2; GNP01_1; GNP01_2; GNP02_1; GNP02_2; GNP03_1; GNP03_2; GNP04_1; GNP04_2; GNP05_2; MF01_2; MF04_1; MF04_2; MF06_2; MF07_2; MF11_2; MF13_2; MF14_2; RET3_1; SNR1_2; SNR2_2; WA612_1; WA614_1; WA621_1; WA622_1; WA623_1; WA705_1; WA708_1; WA708_2; ZNP01_2
3	<i>camelopardalis</i> _ETH3_1	1	ETH3_1
4	<i>camelopardalis</i> _ETH3_2	1	ETH3_2
5	<i>antiquorum</i> _ZNP01_1	1	ZNP01_1
6	<i>rothschildi</i> _MF02_2	1	MF02_2
7	<i>reticulata</i> _RET1_1	20	RET1_1; RET1_2; RET4_1; RET4_2; RET5_1; RET6_1; RET6_2; RETRot1_1; RETRot1_2; RETRot3_1; RETRot3_2; RETWil_1; RETWil_2; RETWil2_1; RETWil2_2; ISC03_1; ISC04_1; ISC04_2; ISC08_1; ISC08_2
8	<i>reticulata</i> _RET3_2	2	RET3_2; RETRot2_2
9	<i>reticulata</i> _RET5_2	2	RET5_2; ISC03_2
10	<i>reticulata</i> _LWC01_1	18	LWC01_1; WA036_2; WA117_1; WA117_2; WA609_1; WA609_2; WA612_2; WA614_2; WA619_1; WA619_2; WA621_2; WA622_2; WA623_2; WA700_2; WA705_2; WA707_1; WA707_2; WA720_2
11	<i>reticulata</i> _LWC01_2	1	LWC01_2
12	<i>thornicrofti</i> _LVNP18_1	9	LVNP18_1; LVNP18_2; LVNP20_1; LVNP20_2; LVNP21_2; LVNP23a_2; LVNP31_2; LVNP32_2; LVNP36_2
13	<i>thornicrofti</i> _LVNP19_1	21	LVNP19_1; LVNP19_2; LVNP21_1; LVNP22_1; LVNP22_2; LVNP23a_1; LVNP32_1; LVNP33_1; LVNP33_2; LVNP35_1; LVNP35_2; LVNP36_1; SGR01_1; SGR01_2; SGR06_1; SGR06_2; SGR07_1; SGR13_1; SGR13_2; SGR14_1; SGR14_2
14	<i>thornicrofti</i> _LVNP34_2	2	LVNP34_2; SGR05_1
15	<i>giraffa</i> _MTNP02_2	1	MTNP02_2
16	<i>tippelskirchi</i> _SGR05_2	1	SGR05_2
17	<i>tippelskirchi</i> _SGR07_2	3	SGR07_2; SGR12_1; SGR12_2;
18	<i>angolensis</i> _CKGR05_1	67	CKGR05_1; CNP01_1; CNP02_1; CNP03_1; ENP04_1; ENP04_2; ENP07_1; ENP07_2; ENP08_1; ENP08_2; ENP09_1; ENP11_1; ENP11_2; ENP15_1; ENP16_1; ENP16_2; ENP17_1; ENP17_2; ENP18_1; ENP18_2; ENP19_1; ENP19_2; ENP20_1; ENP21_1; KKR01_1; KKR01_2; KKR03_1; KKR04_1; KKR04_2; KKR05_1; KKR07_1; LVNP31_1; LVNP34_1; MGR01_1; MGR01_2; MGR02_1; MGR02_2; MGR03_1; MGR03_2; MGR04_1; MGR05_1; MGR05_2; MTNP01_1; MTNP01_2; MTNP03_1; MTNP03_2; SUN1_1; SUN1_2; SUN2_1; SUN2_2; SUN3_1; SUN3_2; SUN4_1; SUN4_2; V23_1; V26_1; V27_1; V28_1; V29_1; V29_2; V30_1; V30_2; V31_1; V37_1; V38_1; V38_2; V39_1
19	<i>giraffa</i> _BNP01_1	56	BNP01_1; BNP01_2; BNP02_1; BNP02_2; BNP03_1; BNP03_2; BNP04_1; BNP04_2; BNP05_1; BNP05_2; BNP06_1; BNP06_2; BNP09_1; BNP09_2; CKGR01_1; CKGR01_2; CKGR02_1; CKGR02_2; CKGR03_1; CKGR03_2; CKGR05_2; CNP01_2; CNP02_2; CNP03_2; ENP09_2; ENP12_1; ENP12_2; ENP14_1; ENP14_2; ENP15_2; ENP20_2; ENP21_2; KKR02_1; KKR02_2; KKR03_2; KKR05_2; KKR07_2; KKR08_1; KKR08_2; MGR04_2; MTNP02_1; SNNP_1; SNNP_2; V23_2; V24_1; V24_2; V25_1; V25_2; V26_2; V27_2; V28_2; V31_2; V36_1; V36_2; V37_2; V39_2

Tables V-Ap. List of alleles comprised by the haplotypes shown in the haplowebs constructed for each of the 21 nuclear introns (Fig 4).

Table V. Overview of the alleles comprised by the haplotypes shown in the haploweb of *ACP5*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	Σ	Allele sharing information
1	<i>giraffa</i> _BNP01_1	58	BNP01_1; BNP02_1; BNP03_1; BNP04_1; BNP05_1; BNP06_1; BNP09_1; CKGR01_1; CKGR02_1; CKGR03_1; CKGR05_1; CNP02_1; CNP03_1; ENP04_1; ENP07_1; ENP08_1; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP15_1; ENP16_1; ENP17_1; ENP18_1; ENP19_1; ENP20_1; ENP21_1; KKR01_1; KKR02_1; KKR03_1; KKR04_1; KKR05_1; KKR07_1; KKR08_1; MGR02_1; MGR03_1; MGR04_1; MGR05_1; MTNP01_1; MTNP02_1; MTNP03_1; SNNP_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V23_1; V24_1; V25_1; V26_1; V27_1; V28_1; V29_1; V30_1; V31_1; V36_1; V38_1; V39_1
2	<i>giraffa</i> _CNP03_2	7	CNP03_2; MGR02_2; V27_2; V38_2; V39_2; MGR01_1; V37_1
3	<i>angolensis</i> _ENP07_2	4	ENP07_2; ENP11_2; ENP14_2; ENP17_2
4	<i>giraffa</i> _MGR05_2	4	MGR05_2; MTNP01_2; MTNP03_2; SNNP_2
5	<i>giraffa</i> _V23_2	3	V23_2; V36_2; CNP01_1
6	<i>thornicrofti</i> _LVNP18_1	3	LVNP18_1; LVNP19_1; LVNP21_1
7	<i>thornicrofti</i> _LVNP33_1	1	LVNP33_1
8	<i>thornicrofti</i> _LVNP22_1	5	LVNP22_1; LVNP23a_1; LVNP31_1; LVNP32_1; LVNP34_1
9	<i>thornicrofti</i> _LVNP20_1	11	LVNP20_1; LVNP22_2; LVNP35_1; LVNP36_2; SGR01_1; SGR05_1; SGR06_1; SGR07_1; SGR12_1; SGR13_1; SGR14_1
10	<i>thornicrofti</i> _LVNP36_1	3	LVNP36_1; MF11_2; RETWil2_2
11	<i>peralta</i> _WA700_1	1	WA700_1
12	<i>antiquorum</i> _GNP04_1	38	GNP04_1; SNR1_1; WA026_1; WA117_1; WA614_1; WA619_1; WA622_1; ZNP01_1; ETH1_1; ETH2_1; GNP01_1; GNP02_1; GNP03_1; GNP05_1; MF01_1; MF02_1; MF03_2; MF04_1; MF05_2; MF06_1; MF07_1; MF09_1; MF13_1; MF14_2; MF15_1; MF16_1; MF17_1; MF24_1; RETRot3_1; SNR2_1; WA036_1; WA606_1; WA621_1; WA623_1; WA705_2; WA707_1; WA708_2; WA720_1
13	<i>rothschildi</i> _MF14_1	2	MF14_1; WA705_1
14	<i>camelopardalis</i> _BaNP4_1	12	BaNP4_1; ETH3_1; GNP04_2; SNR1_2; WA026_2; WA117_2; WA609_1; WA612_1; WA614_2; WA619_2; WA622_2; ZNP01_2
15	<i>rothschildi</i> _MF03_1	2	MF03_1; MF05_1
16	<i>reticulata</i> _RETRot3_2	11	RETRot3_2; RET1_1; RET3_1; RET4_1; RET5_1; RET6_1; RETRot1_1; RETRot2_1; ISC03_1; ISC04_1; LWC01_1
17	<i>reticulata</i> _RETWil_1	1	RETWil_1

Table W. Overview of the alleles comprised by the haplotypes shown in the haploweb of *Clorf74*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	Σ	Allele sharing information
1	<i>giraffa</i> _BNP01_1	61	BNP01_1; BNP02_1; BNP03_1; BNP04_1; BNP05_1; BNP06_1; BNP09_1; CKGR01_1; CKGR02_1; CKGR03_1; CKGR05_1; CNP01_1; CNP02_1; CNP03_1; ENP04_1; ENP07_1; ENP08_1; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP15_1; ENP16_1; ENP17_1; ENP18_1; ENP19_1; ENP20_1; ENP21_1; KKR01_1; KKR02_1; KKR03_1; KKR04_1; KKR05_1; KKR07_1; KKR08_1; MGR01_1; MGR02_1; MGR03_1; MGR04_1; MGR05_1; MTNP01_1; MTNP02_1; MTNP03_1; SNNP_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V23_1; V24_1; V25_1; V26_1; V27_1; V28_1; V29_1; V30_1; V31_1; V36_1; V37_1; V38_1; V39_1
2	<i>thornicrofti</i> _LVNP18_1	19	LVNP18_1; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP31_1; LVNP32_1; LVNP33_1; LVNP34_1; LVNP35_1; LVNP36_1; SGR01_1; SGR05_1; SGR06_1; SGR07_1; SGR12_1; SGR13_1; SGR14_2
3	<i>camelopardalis</i> _BaNP4_1	2	BaNP4_1; MF07_1
4	<i>camelopardalis</i> _ETH1_1	45	ETH1_1; ETH2_1; ETH3_1; GNP01_1; GNP02_1; GNP03_1; GNP04_1; GNP05_1; MF02_1; MF04_1; MF09_1; MF11_1; MF14_1; MF24_1; RET1_1; RET3_1; RET4_1; RET5_1; RETRot1_1; RETRot2_1; RETRot3_1; RETWil_1; ISC03_1; ISC04_1; ISC08_1; LWC01_1; SNR1_1; SNR2_1; WA026_1; WA036_1; WA117_1; WA606_1; WA609_1; WA612_1; WA614_1; WA619_1; WA621_1; WA622_1; WA623_1; WA700_1; WA705_1; WA707_1; WA708_1; WA720_1; ZNP01_1
5	<i>reticulata</i> _RETRot1_2	5	RETRot1_2; RETWil_2; ISC04_2; ISC08_2; RETWil2_1
6	<i>reticulata</i> _RET1_1	1	RET1_2; RET4_2; RET5_2; RET6_1
7	<i>reticulata</i> _RET3_2	6	RET3_2; RETRot3_2; LWC01_2; MF05_1; MF06_1; MF15_1
8	<i>rothschildi</i> _MF02_2	8	MF02_2; MF01_1; MF03_1; MF05_2; MF13_1; MF16_1; MF17_2; RETWil2_2

Table X. Overview of the alleles comprised by the haplotypes shown in the haploweb of *CCT2*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	Σ	Allele sharing information
1	<i>camelopardalis</i> _BaNP4_1	96	BaNP4_1; BNP02_1; BNP03_1; BNP04_1; BNP05_1; BNP06_1; BNP09_1; CKGR01_1; CKGR02_1; CKGR03_1; CKGR05_1; CNP01_1; CNP02_1; CNP03_1; ENP04_1; ENP07_1; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP15_1; ENP16_1; ENP17_1; ENP18_1; ENP19_1; ENP20_1; ENP21_1; GNP01_1; GNP05_1; KKR01_1; KKR02_1; KKR03_1; KKR04_1; KKR05_1; KKR07_1; KKR08_1; LVNP18_1; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP31_1; LVNP32_1; LVNP33_1; LVNP34_1; LVNP35_1; LVNP36_1; MF01_1; MF03_1; MF06_1; MGR01_1; MGR02_1; MGR03_1; MGR04_1; MGR05_1; MTNP01_1; MTNP02_1; MTNP03_1; RET1_1; RET5_1; RET6_1; RETWil_1; SGR01_1; SGR05_1; SGR06_1; SGR07_1; SGR12_1; SGR13_1; SGR14_1; SNNP_1; SNR1_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V23_1; V24_1; V25_1; V26_1; V27_1; V28_1; V29_1; V30_1; V31_1; V36_1; V37_1; V38_1; V39_1; WA026_1; WA036_1; WA117_1; WA606_1; WA707_1; WA708_1; ZNP01_1

2	<i>camelopardalis</i> _BaNP4_2	50	BaNP4_2; GNP01_2; MF01_2; MF03_2; MF06_2; RET1_2; RET5_2; RET6_2; RETWil_2; WA036_2; WA606_2; WA707_2; ZNP01_2; BNP01_1; ENP08_1; ETH1_1; ETH2_1; GNP02_1; GNP03_1; GNP04_1; MF02_1; MF04_1; MF05_1; MF07_1; MF09_1; MF11_1; MF13_1; MF14_1; MF15_1; MF16_1; MF17_1; MF24_1; RET3_1; RET4_1; RETRot3_1; ISC03_1; ISC04_1; ISC08_1; LWC01_1; SNR2_1; WA609_1; WA612_1; WA614_1; WA619_1; WA621_1; WA622_1; WA623_1; WA700_1; WA705_1; WA720_1
3	<i>antiquorum</i> _SNR1_2	2	SNR1_2; ETH3_1
4	<i>reticulata</i> _RETWil2_2	3	RETWil2_2; RETRot1_1; RETRot2_1
5	<i>reticulata</i> _RET4_2	4	RET4_2; RETRot3_2; ISC04_2; RETWil2_1

Table Y. Overview of the alleles comprised by the haplotypes shown in the haploweb of *COL5A2*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	Σ	Allele sharing information
1	<i>camelopardalis</i> _BaNP4_1	12	BaNP4_1; MF01_1; MF03_1; MF04_1; MF06_1; MF09_1; MF13_1; MF14_1; MF15_1; MF16_1; MF17_1; MF24_1
2	<i>rothschildi</i> _MF01_2	31	MF01_2; MF03_2; MF06_2; MF17_2; MF24_2; RETRot1_1; ETH1_1; ETH2_1; ETH3_1; GNP01_1; GNP02_1; GNP03_1; GNP04_1; GNP05_1; MF05_1; MF07_1; MF11_1; RETRot2_1; SNR1_1; SNR2_1; WA606_1; WA609_1; WA612_1; WA614_1; WA619_1; WA621_1; WA700_1; WA705_1; WA708_1; WA720_1; ZNP01_1
3	<i>rothschildi</i> _MF09_2	6	MF09_2; WA609_2; MF02_2; RET3_2; RETWil2_1; LWC01_2
4	<i>rothschildi</i> _MF13_2	2	MF13_2; MF02_1
5	<i>peralta</i> _WA612_2	8	WA612_2; WA619_2; WA700_2; WA720_2; WA026_1; WA036_1; WA622_1; WA623_1
6	<i>reticulata</i> _RET6_1	7	RET6_1; ISC04_1; RET3_1; LWC01_1; RET4_1; ISC03_1; RET5_1
7	<i>reticulata</i> _RET1_2	3	RET1_2; RET4_2; ISC03_2
8	<i>reticulata</i> _RETRot3_2	2	RETRot3_2; RETWil_1
9	<i>giraffa</i> _BNP06_2	6	BNP06_2; ENP17_2; MGR01_2; MGR04_2; V23_2; V29_2
10	<i>giraffa</i> _BNP01_1	66	BNP01_1; BNP02_1; BNP03_1; BNP04_1; BNP05_1; BNP06_1; BNP09_1; CKGR01_1; CKGR02_1; CKGR03_1; CKGR05_1; CNP01_1; CNP02_1; CNP03_1; ENP04_1; ENP07_1; ENP08_1; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP15_1; ENP16_1; ENP17_1; ENP18_1; ENP19_1; ENP20_1; ENP21_1; KKR01_1; KKR02_1; KKR03_1; KKR04_1; KKR05_1; KKR07_1; KKR08_1; MGR01_1; MGR02_1; MGR03_1; MGR04_1; MGR05_1; MTNP01_1; MTNP02_1; MTNP03_1; RET1_1; RET6_2; RETRot1_2; ISC04_2; ISC08_1; SNNP_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V23_1; V24_1; V25_1; V26_1; V27_1; V28_1; V29_1; V30_1; V31_1; V36_1; V37_1; V38_1; V39_1
11	<i>peralta</i> _WA707_1	1	WA707_1
12	<i>thornicrofti</i> _LVNP18_1	19	LVNP18_1; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP31_1; LVNP32_1; LVNP33_1; LVNP34_1; LVNP35_1; LVNP36_1; SGR01_1; SGR05_1; SGR06_1; SGR07_2; SGR12_1; SGR13_1; SGR14_1
13	<i>thornicrofti</i> _LVNP33_2	2	LVNP33_2; LVNP34_2

Table Z. Overview of the alleles comprised by the haplotypes shown in the haploweb of *CTAGE5*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	Σ	Allele sharing information
1	<i>camelopardalis</i> _BaNP4_1	28	BaNP4_1; ETH3_1; MF01_1; MF02_1; MF03_1; MF04_1; MF05_1; MF06_1; MF07_1; MF09_1; MF11_1; MF13_1; MF14_1; MF15_1; MF24_1; RET1_1; RET4_1; RET5_1; RET6_1; RETRot1_1; RETRot2_1; RETRot3_1; RETWil_1; ISC03_1; ISC08_1; WA036_1; WA619_1; WA623_1
2	<i>camelopardalis</i> _ETH3_2	44	ETH3_2; MF01_2; MF03_2; MF04_2; MF05_2; MF06_2; MF07_2; MF09_2; MF11_2; MF13_2; MF14_2; MF15_2; RETRot2_2; RETRot3_2; RETWil_2; ISC03_2; ISC08_2; WA036_2; ETH1_1; ETH2_2; GNP01_1; GNP02_1; GNP03_1; GNP04_1; GNP05_1; MF16_1; MF17_1; RET3_1; SNR1_1; SNR2_1; WA026_1; WA117_1; WA606_1; WA609_1; WA612_1; WA614_1; WA621_1; WA622_1; WA700_1; WA705_2; WA707_1; WA708_2; WA720_1; ZNP01_1
3	<i>peralta</i> _WA619_2	4	WA619_2; WA623_2; WA705_1; WA708_1
4	<i>peralta</i> _WA026_2	2	WA026_2; WA720_2
5	<i>reticulata</i> _LWC01_1	1	LWC01_1
6	<i>reticulata</i> _RETWil2_2	2	RETWil2_2; ISC04_1
7	<i>thornicrofti</i> _LVNP18_1	16	LVNP18_1; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP31_1; LVNP32_1; LVNP33_1; LVNP34_1; LVNP35_1; LVNP36_1; SGR01_2; SGR06_1; SGR12_2; SGR14_1
8	<i>giraffa</i> _BNP01_1	53	BNP01_1; BNP02_1; BNP03_1; BNP04_1; BNP05_1; BNP06_1; BNP09_1; CKGR01_1; CKGR02_1; CNP01_1; CNP03_1; ENP04_1; ENP07_1; ENP08_1; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP15_1; ENP16_1; ENP17_1; ENP18_1; ENP19_1; ENP20_1; ENP21_1; KKR01_1; KKR02_1; KKR03_1; KKR04_1; KKR05_1; MGR01_1; MGR02_1; MGR03_1; MGR04_1; MGR05_1; MTNP01_1; MTNP02_1; MTNP03_1; SNNP_1; SUN1_1; SUN2_1; SUN3_1; V23_1; V24_1; V25_1; V26_1; V27_1; V28_1; V30_1; V31_1; V36_1; V37_1; V39_1
9	<i>giraffa</i> _BNP01_2	15	BNP01_2; BNP09_2; ENP04_2; ENP17_2; ENP18_2; KKR01_2; KKR03_2; SUN2_2; SUN3_2; V24_2; CKGR03_1; CKGR05_1; KKR08_1; SUN4_1; V29_1
10	<i>giraffa</i> _BNP04_2	4	BNP04_2; V29_2; KKR07_1; V38_2
11	<i>giraffa</i> _MTNP01_2	3	MTNP01_2; MTNP03_2; V38_1
12	<i>giraffa</i> _CNP02_1	1	CNP02_1

Table Aa. Overview of the alleles comprised by the haplotypes shown in the haploweb of *CWF19L1*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	Σ	Allele sharing information
1	<i>camelopardalis_BaNP4_1</i>	48	BaNP4_1; ETH1_1; ETH2_1; ETH3_1; GNP01_1; GNP03_1; GNP04_1; GNP05_1; MF02_1; MF03_1; MF04_1; MF06_1; MF09_2; MF15_2; MF17_2; MF24_2; RET1_1; RET3_1; RET4_1; RET5_1; RET6_1; RETRot1_1; RETRot2_1; RETRot3_1; RETWil_1; RETWil2_1; ISC03_1; ISC04_1; ISC08_1; LWC01_1; SNR1_1; SNR2_1; WA026_1; WA036_1; WA117_1; WA606_1; WA609_1; WA612_1; WA614_1; WA619_1; WA621_1; WA622_1; WA623_1; WA700_1; WA705_1; WA707_1; WA720_1; ZNP01_1
2	<i>camelopardalis_BaNP4_2</i>	22	BaNP4_2; ETH1_2; GNP01_2; GNP03_2; GNP05_2; MF02_2; MF03_2; MF04_2; MF06_2; MF09_1; MF15_1; MF17_1; MF24_1; RETWil_2; ISC03_2; SNR2_2; GNP02_1; MF01_1; MF05_1; MF07_1; MF11_1; MF16_1
3	<i>rothschildi_MF13_1</i>	2	MF13_1; MF14_1
4	<i>peralta_WA708_1</i>	1	WA708_1
5	<i>giraffa_BNP01_1</i>	74	BNP01_1; BNP02_1; BNP04_1; BNP05_1; BNP09_1; CKGR02_1; CKGR03_1; CKGR05_1; CNP01_1; CNP02_1; CNP03_1; ENP04_1; ENP07_1; ENP08_1; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP15_1; ENP16_1; ENP17_1; ENP20_1; ENP21_1; KKR01_1; KKR03_1; KKR04_1; KKR05_1; KKR07_1; KKR08_1; LVNP18_1; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP31_1; LVNP32_1; LVNP33_1; LVNP34_1; LVNP35_1; LVNP36_1; MGR01_1; MGR02_1; MGR03_1; MGR04_1; MGR05_1; MTNP01_1; MTNP02_1; MTNP03_1; SGR01_1; SGR05_1; SGR06_1; SGR07_1; SGR12_1; SGR13_1; SGR14_1; SNNP_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V23_1; V24_1; V25_1; V26_1; V27_1; V28_1; V29_1; V30_1; V31_1; V36_1; V37_1; V38_1; V39_1
6	<i>giraffa_BNP02_2</i>	21	BNP02_2; CNP02_2; ENP04_2; ENP08_2; ENP15_2; ENP16_2; ENP20_2; ENP21_2; KKR04_2; MGR02_2; SGR07_2; SGR12_2; V28_2; V36_2; V38_2; BNP03_1; BNP06_1; CKGR01_1; ENP18_1; ENP19_1; KKR02_1
7	<i>giraffa_V27_1</i>	2	V27_2; V39_2

Table Ab. Overview of the alleles comprised by the haplotypes shown in the haploweb of *DDXI*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	Σ	Allele sharing information
1	<i>camelopardalis_BaNP4_2</i>	53	BaNP4_2; ETH1_1; ETH2_1; ETH3_1; GNP01_1; GNP02_1; GNP03_1; GNP04_1; GNP05_1; MF01_1; MF02_1; MF03_1; MF04_1; MF05_1; MF06_1; MF07_1; MF09_1; MF11_1; MF13_1; MF14_1; MF15_1; MF16_1; MF17_1; MF24_1; RET1_2; RET3_1; RET6_2; RETRot2_1; RETWil_1; RETWil2_1; ISC03_1; ISC04_1; ISC08_1; LWC01_1; SNR1_1; SNR2_1; WA026_1; WA036_1; WA117_1; WA606_1; WA609_1; WA612_1; WA614_1; WA619_1; WA621_1; WA622_1; WA623_1; WA700_1; WA705_1; WA707_1; WA708_1; WA720_1; ZNP01_1
2	<i>reticulata_RETWil2_2</i>	2	RETWil2_2; ISC04_2
3	<i>reticulata_RET1_1</i>	6	RET1_1; RET6_1; RET4_1; RET5_1; RETRot1_1; RETRot3_1
4	<i>giraffa_BNP01_1</i>	50	BNP01_1; BNP02_1; BNP03_1; BNP04_1; BNP05_1; BNP06_1; BNP09_1; CKGR01_1; CKGR02_1; CKGR03_1; CKGR05_1; CNP01_1; CNP02_1;

5	<i>giraffa_MGR02_2</i>	3	CNP03_1; ENP04_1; ENP07_1; ENP08_1; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP15_1; ENP16_1; ENP17_1; ENP18_1; ENP19_1; ENP20_1; ENP21_1; MGR01_1; MGR02_1; MGR03_1; MGR04_1; MGR05_1; MTNP01_1; MTNP02_1; MTNP03_1; SNNP_1; V23_1; V24_1; V25_1; V26_1; V27_1; V28_1; V29_1; V30_1; V31_1; V36_1; V37_1; V38_1; V39_1 MGR02_2; V27_2; V39_2
6	<i>giraffa_KKR01_1</i>	26	KKR01_1; KKR02_1; KKR03_1; KKR04_1; KKR05_1; KKR07_1; KKR08_1; LVNP18_1; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP31_1; LVNP32_1; LVNP34_1; LVNP35_1; SGR05_1; SGR06_1; SGR07_1; SGR12_1; SGR13_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1
7	<i>thornicrofti_LVNP32_2</i>	5	LVNP32_2; LVNP33_1; LVNP36_2; SGR01_2; SGR14_2
8	<i>thornicrofti_LVNP36_1</i>	3	LVNP36_1; SGR01_1; SGR14_1

Table Ac. Overview of the alleles comprised by the haplotypes shown in the haploweb of *DHX36*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	∑	Allele sharing information
1	<i>camelopardalis_BaNP4_1</i>	42	BaNP4_1; ETH3_1; GNP03_1; LVNP18_1; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP31_1; LVNP32_1; LVNP33_1; LVNP34_1; LVNP35_1; LVNP36_1; RET1_1; RET5_1; RET6_1; RETRot3_1; RETWil_1; RETWil2_1; ISC04_1; SGR01_1; SGR05_1; SGR06_1; SGR07_1; SGR12_1; SGR13_1; SGR14_1; SNR1_1; WA026_1; WA036_1; WA606_1; WA609_1; WA612_1; WA614_1; WA622_1; WA623_1; WA700_1; WA705_1; WA707_1; WA708_1
2	<i>camelopardalis_ETH3_2</i>	24	ETH3_2; ETH1_1; ETH2_2; GNP02_2; GNP04_2; MF01_1; MF02_1; MF03_2; MF04_1; MF05_1; MF06_1; MF07_1; MF09_1; MF11_1; MF13_2; MF14_1; MF15_1; MF16_1; MF17_1; MF24_2; LWC01_1; SNR2_1; WA117_1; WA720_2
3	<i>reticulata_LWC01_2</i>	2	LWC01_2; RETRot2_2
4	<i>reticulata_RETWil_2</i>	17	RETWil_2; WA612_2; WA622_2; ETH2_1; GNP02_1; GNP04_1; MF03_1; MF13_1; MF24_1; WA720_1; GNP01_1; GNP05_1; RET3_1; RET4_1; RETRot1_1; WA619_1; ZNP01_1
5	<i>peralta_WA036_2</i>	4	WA036_2; WA614_2; WA707_2; WA621_1
6	<i>reticulata_RET5_2</i>	6	RET5_2; RET6_2; RET4_2; RETRot1_2; RETRot2_1; ISC03_1
7	<i>antiquorum_GNP03_2</i>	2	GNP03_2; SNR1_2
8	<i>giraffa_BNP01_1</i>	61	BNP01_1; BNP02_1; BNP03_1; BNP04_1; BNP05_1; BNP06_1; BNP09_1; CKGR01_1; CKGR02_1; CKGR03_1; CKGR05_1; CNP01_1; CNP02_1; CNP03_1; ENP04_1; ENP07_1; ENP08_1; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP15_1; ENP16_1; ENP17_1; ENP18_1; ENP19_1; ENP20_1; ENP21_1; KKR01_1; KKR02_1; KKR03_1; KKR04_1; KKR05_1; KKR07_1; KKR08_1; MGR01_1; MGR02_1; MGR03_1; MGR04_1; MGR05_1; MTNP01_1; MTNP02_1; MTNP03_1; SNNP_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V23_1; V24_1; V25_1; V26_1; V27_1; V28_1; V29_1; V30_1; V31_1; V36_1; V37_1; V38_1; V39_1

Table Ad. Overview of the alleles comprised by the haplotypes shown in the haploweb of *IGF2B1*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	Σ	Allele sharing information
1	<i>camelopardalis</i> _BaNP4_1	50	BaNP4_1; ETH1_1; ETH2_1; ETH3_1; GNP01_1; GNP02_1; GNP04_1; MF01_1; MF02_1; MF03_1; MF04_1; MF05_1; MF06_1; MF07_1; MF09_1; MF11_1; MF13_1; MF16_1; MF17_1; MF24_1; RET1_1; RET3_1; RET4_1; RET5_1; RET6_1; RETRot1_1; RETRot2_1; RETRot3_1; RETWil_1; RETWil2_1; ISC03_1; ISC04_1; ISC08_1; LWC01_1; SGR01_1; SGR05_1; SGR06_1; SGR07_1; SGR12_1; SGR13_1; SGR14_1; SNR1_1; SNR2_1; WA117_1; WA612_1; WA614_1; WA621_1; WA623_1; WA700_1; WA708_1
2	<i>antiquorum</i> _GNP01_2	2	GNP01_2; SNR2_2
3	<i>antiquorum</i> _GNP04_2	3	GNP04_2; GNP03_1; ZNP01_1
4	<i>peralta</i> _WA606_1	3	WA606_1; WA619_1; WA622_1
5	<i>peralta</i> _WA614_2	5	WA614_2; WA623_2; WA619_2; WA622_2; WA707_1
6	<i>peralta</i> _WA036_2	4	WA036_1; WA609_1; WA705_1; WA720_1
7	<i>rothschildi</i> _MF14_1	1	MF14_1
8	<i>rothschildi</i> _MF15_1	1	MF15_1
9	<i>thornicrofti</i> _LVNP18_2	12	LVNP18_2; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP31_1; LVNP32_2; LVNP33_1; LVNP34_1; LVNP35_1; LVNP36_1
10	<i>giraffa</i> _BNP01_1	59	BNP01_1; BNP02_1; BNP03_1; BNP04_1; BNP05_1; BNP06_1; BNP09_1; CKGR01_1; CKGR02_1; CKGR03_1; CKGR05_1; CNP01_1; CNP02_1; CNP03_1; ENP04_1; ENP07_1; ENP08_1; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP15_1; ENP16_1; ENP17_1; ENP18_1; ENP19_1; ENP20_1; ENP21_1; KKR01_1; KKR02_1; KKR03_1; KKR04_1; KKR05_1; KKR07_1; KKR08_1; MGR01_1; MGR02_2; MGR03_1; MGR04_1; MGR05_1; MTNP01_1; MTNP02_1; MTNP03_1; SNNP_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V23_1; V24_1; V26_1; V27_1; V28_1; V29_2; V30_1; V31_1; V36_1; V37_1; V39_1
11	<i>giraffa</i> _ENP09_2	4	ENP09_2; ENP17_2; ENP20_2; ENP21_2
12	<i>giraffa</i> _MGR02_1	3	MGR02_1; V29_1; V25_1

Table Ae. Overview of the alleles comprised by the haplotypes shown in the haploweb of *MACF1*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	Σ	Allele sharing information
1	<i>camelopardalis</i> _BaNP4_1	68	BaNP4_1; BNP03_1; BNP06_1; CNP01_1; ETH1_1; ETH2_1; ETH3_1; GNP05_1; LVNP18_1; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP31_1; LVNP32_1; LVNP33_1; LVNP34_1; LVNP35_1; LVNP36_1; MF01_1; MF02_1; MF03_1; MF05_1; MF06_1; MF07_1; MF09_1; MF11_1; MF13_1; MF14_1; MF16_1; MF17_1; MF24_1; MGR01_1; MGR02_1; MGR03_1; MGR04_1; MGR05_1; RET1_1; RET4_1; RET5_1; RET6_1; RETRot1_1; RETRot2_1; RETRot3_1; RETWil_1; RETWil2_1; ISC04_1; ISC08_1; LWC01_1; SGR05_1; SGR06_1; SGR07_1; SGR12_1; SGR14_1; SNR1_1; SNR2_1; V36_1; WA026_1; WA117_1; WA606_1; WA614_1; WA623_1; WA700_1; WA705_1; WA707_1; WA720_1; ZNP01_1

2	<i>camelopardalis_ETH1_2</i>	6	ETH1_2; WA606_2; WA614_2; GNP01_2; WA612_1; WA621_1
3	<i>camelopardalis_ETH2_2</i>	11	ETH2_2; ETH3_2; MF01_2; MF02_2; MF06_2; MF07_2; MF11_2; MF14_2; MF17_2; MF04_1; ISC03_1
4	<i>rothschildi_MF03_2</i>	18	MF03_2; MF05_2; MF09_2; MF16_2; RET5_2; RETRot1_2; RETWil_2; ISC08_2; ZNP01_2; GNP01_1; GNP02_1; GNP03_1; GNP04_1; MF15_1; RET3_1; WA619_1; WA622_1; WA708_1
5	<i>peralta_WA623_2</i>	6	WA623_2; WA700_2; WA621_2; WA708_2; WA036_1; WA609_1
6	<i>peralta_WA612_2</i>	2	WA612_2; WA619_2
7	<i>giraffa_CNP02_1</i>	2	CNP02_1; V37_1
8	<i>giraffa_KKR03_1</i>	16	KKR03_1; KKR05_1; ENP04_1; ENP08_1; ENP17_1; ENP19_1; ENP20_1; MTNP02_1; MTNP01_1; MTNP03_1; SGR01_1; SGR13_1; V25_1; V27_1; V30_1; V39_1
9	<i>giraffa_BNP01_1</i>	26	BNP01_1; BNP02_1; BNP04_1; BNP05_1; BNP09_1; CKGR01_1; CKGR02_1; CKGR03_1; CNP03_1; ENP21_1; KKR01_1; KKR03_2; KKR04_1; KKR05_2; KKR07_1; KKR08_1; SNNP_2; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V23_1; V24_1; V26_1; V28_2; V31_1
10	<i>giraffa_BNP03_2</i>	24	BNP03_2; BNP06_2; CNP01_2; CKGR02_2; ENP21_2; CKGR05_1; CNP02_2; ENP04_2; ENP07_1; ENP08_2; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP15_1; ENP16_1; ENP17_2; ENP18_1; ENP19_2; ENP20_2; MTNP02_2; V29_1; V37_2; V38_1

Table Af. Overview of the alleles comprised by the haplotypes shown in the haploweb of *NOTCH2*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	∑	Allele sharing information
1	<i>camelopardalis_BaNP4_1</i>	62	BaNP4_1; ETH1_1; ETH2_1; ETH3_1; GNP01_1; GNP02_1; GNP03_1; GNP04_1; GNP05_1; LVNP18_1; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP31_1; LVNP32_1; LVNP33_1; LVNP34_1; LVNP35_1; LVNP36_1; MF01_1; MF02_1; MF03_1; MF04_1; MF05_1; MF09_1; MF13_1; MF15_1; MF16_1; MF17_1; MF24_1; RET3_1; RET4_1; RET5_1; RET6_1; RETRot1_1; RETRot2_1; RETWil_1; ISC03_1; ISC04_1; ISC08_1; LWC01_1; SGR05_1; SGR06_1; SGR07_1; SGR12_1; SGR13_1; SGR14_1; SNR1_1; SNR2_1; WA036_1; WA117_1; WA609_1; WA612_1; WA614_1; WA619_1; WA622_1; WA705_1; WA707_1; WA708_1; WA720_1
2	<i>rothschildi_MF04_2</i>	10	MF04_2; MF09_2; MF15_2; MF17_2; SNR1_2; MF06_1; MF07_1; MF11_1; MF14_1; ZNP01_1
3	<i>peralta_WA612_2</i>	4	WA612_2; WA026_2; WA623_2; WA700_2
4	<i>reticulata_RET3_2</i>	4	RET3_2; LWC01_2; WA623_1; WA700_1
5	<i>reticulata_RET4_2</i>	8	RET4_2; RET6_2; RETRot1_2; RETRot2_2; RETWil_2; RET1_2; RETRot3_2; RETWil2_2
6	<i>reticulata_ISC03_2</i>	11	ISC03_2; WA609_2; WA622_2; WA707_2; WA720_2; RET1_1; RETRot3_1; RETWil2_1; WA026_1; WA606_2; WA621_1
7	<i>giraffa_BNP01_1</i>	62	BNP01_1; BNP02_1; BNP03_1; BNP04_1; BNP05_1; BNP06_1; BNP09_1; CKGR01_1; CKGR02_1; CKGR03_1; CKGR05_1; CNP01_1; CNP02_1; CNP03_1; ENP04_1; ENP07_1; ENP08_1; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP15_1; ENP16_1; ENP17_1; ENP18_1; ENP19_1; ENP20_1; ENP21_1; KKR01_1; KKR02_1; KKR03_1; KKR04_1; KKR05_1; KKR07_1; KKR08_1; MGR01_1; MGR02_1; MGR03_1; MGR04_1; MGR05_1; MTNP01_1; MTNP02_1; MTNP03_1; SGR01_2; SNNP_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V23_1; V24_1; V25_1; V26_1; V27_1; V28_1; V29_1; V30_1; V31_1; V36_1; V37_1; V38_1; V39_1

Table Ag. Overview of the alleles comprised by the haplotypes shown in the haploweb of *NUP155*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	Σ	Allele sharing information
1	<i>camelopardalis</i> _BaNP4_1	2	BaNP4_1; SNR1_1
2	<i>camelopardalis</i> _BaNP4_2	2	BaNP4_2; SNR1_2
3	<i>camelopardalis</i> _ETH1_1	2	ETH1_1; ETH3_1
4	<i>camelopardalis</i> _ETH1_2	2	ETH1_2; ETH3_2
5	<i>peralta</i> _WA036_2	3	WA036_2; WA619_2; WA708_2
6	<i>peralta</i> _WA117_2	15	WA117_2; WA707_2; WA036_1; WA606_1; WA609_1; WA612_1; WA614_1; WA619_1; WA621_1; WA622_1; WA623_1; WA700_1; WA705_1; WA708_1; WA720_1
7	<i>reticulata</i> _RET3_2	18	RET3_2; MF01_2; MF03_2; MF17_2; MF24_2; RETWil2_2; MF02_1; MF04_1; MF05_1; MF06_1; MF07_1; MF11_1; MF13_1; MF14_1; MF15_1; WA026_1; WA117_1; WA707_1
8	<i>reticulata</i> _RETWil_2	12	RETWil_2; LWC01_2; GNP01_1; GNP03_1; GNP05_1; RET3_1; RETRot1_1; RETRot2_1; RETRot3_2; ISC04_1; SNR2_1; ZNP01_1
9	<i>reticulata</i> _RETRot3_1	2	RETRot3_1; RET6_2
10	<i>antiquorum</i> _GNP01_1	11	GNP01_2; GNP03_2; GNP05_2; SNR2_2; GNP04_1; MF01_1; MF03_1; MF09_1; MF17_1; MF24_1; RETWil2_1
11	<i>thornicrofti</i> _LVNP31_1	1	LVNP31_1
12	<i>giraffa</i> _BNP01_1	85	BNP01_1; BNP02_1; BNP03_1; BNP04_1; BNP05_1; BNP06_1; BNP09_1; CKGR01_1; CKGR02_1; CKGR03_1; CKGR05_1; CNP02_1; CNP03_1; ENP04_1; ENP07_1; ENP08_1; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP15_1; ENP16_1; ENP17_1; ENP18_1; ENP19_1; ENP20_1; ENP21_1; ETH2_1; GNP02_1; KKR01_1; KKR02_1; KKR03_1; KKR04_1; KKR05_1; KKR07_1; KKR08_1; LVNP18_1; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP32_1; LVNP33_1; LVNP34_1; LVNP35_1; LVNP36_1; MGR01_1; MGR02_1; MGR03_1; MGR04_1; MGR05_1; MTNP01_1; MTNP02_1; MTNP03_1; RET1_1; RETWil_1; ISC03_1; ISC08_1; LWC01_1; SGR01_1; SGR05_1; SGR06_1; SGR07_1; SGR12_1; SGR13_1; SGR14_1; SNNP_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V23_1; V24_1; V25_1; V26_1; V27_1; V28_1; V29_1; V30_1; V31_1; V36_1; V37_1; V38_1; V39_1
13	<i>giraffa</i> _CNP01_1	1	CNP01_1

Table Ah. Overview of the alleles comprised by the haplotypes shown in the haploweb of *OTOF*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	Σ	Allele sharing information
1	<i>camelopardalis</i> _BaNP4_1	26	BaNP4_1; ETH1_1; GNP01_1; GNP02_1; GNP03_1; GNP04_1; GNP05_1; MF01_1; MF02_1; MF03_1; MF05_1; MF06_1; MF09_1; MF11_1; MF13_1; MF14_1; MF15_1; MF16_1; MF17_2; MF24_1; RETWil2_1; SNR1_1; SNR2_1; WA036_1; WA606_1; WA708_1
2	<i>camelopardalis</i> _BaNP4_2	4	BaNP4_2; WA026_2; WA705_1; WA720_1
3	<i>antiquorum</i> _GNP01_2	20	GNP01_2; GNP03_2; MF02_2; MF03_2; MF06_2; MF09_2; MF11_2; MF15_2; RET4_2; RETRot2_2; ETH2_1; ETH3_1; MF04_1; MF07_1; RET1_1; RET3_2; RET6_2; RETRot1_2; RETRot3_1; ISC04_1
4	<i>peralta</i> _WA700_1	4	WA700_1; WA117_1; WA614_1; WA622_1
5	<i>peralta</i> _WA606_2	6	WA606_2; WA708_2; WA619_2; WA612_1; WA614_2; WA609_1
6	<i>peralta</i> _WA705_2	2	WA705_2; WA720_2
7	<i>peralta</i> _WA036_2	7	WA036_2; WA026_1; WA117_2; WA612_2; WA621_1; WA623_1; WA707_1
8	<i>reticulata</i> _RETWil2_2	8	RETWil2_2; RET5_2; RETWil_2; ISC08_2; RET3_1; RET6_1; RETRot1_1; ISC03_1
9	<i>tippelskirchi</i> _SGR01_2	5	SGR01_2; SGR07_2; LVNP31_1; SGR12_1; SGR13_1
10	<i>giraffa</i> _BNP01_1	57	BNP01_1; BNP02_1; BNP03_1; BNP04_1; BNP05_1; BNP06_1; BNP09_1; CKGR03_1; CKGR05_1; CNP01_1; CNP02_1; CNP03_1; ENP04_1; ENP07_1; ENP08_1; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP15_1; ENP16_1; ENP17_1; ENP18_1; ENP19_1; ENP20_1; ENP21_1; KKR01_1; KKR02_1; KKR03_1; KKR04_1; KKR05_1; KKR07_1; KKR08_1; MGR01_1; MGR02_1; MGR03_1; MGR04_1; MGR05_1; MTNP02_1; SNNP_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V23_1; V24_1; V25_1; V26_1; V27_1; V28_1; V29_1; V30_1; V31_1; V36_1; V37_1; V38_1; V39_1
11	<i>giraffa</i> _BNP02_2	43	BNP02_2; BNP04_2; CKGR05_2; CNP02_2; ENP04_2; ENP07_2; ENP08_2; ENP09_2; ENP20_2; KKR07_2; MGR04_2; V24_2; V25_2; V26_2; V29_2; V30_2; V31_2; CKGR01_1; CKGR02_1; LVNP18_1; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP32_1; LVNP34_1; LVNP36_1; MTNP01_1; MTNP03_1; RET4_1; RET5_1; RETRot2_1; RETWil_1; ISC08_1; LWC01_1; SGR01_1; SGR05_1; SGR06_1; SGR07_1; SGR14_1; WA619_1; WA700_2
12	<i>thornicrofti</i> _LVNP35_1	1	LVNP35_1
13	<i>antiquorum</i> _ZNP01_1	1	ZNP01_1

Table Ai. Overview of the alleles comprised by the haplotypes shown in the haploweb of *PLCE1*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	Σ	Allele sharing information
1	<i>camelopardalis</i> _BaNP4_1	56	BaNP4_1; CKGR01_1; ETH1_1; ETH2_1; ETH3_1; GNP01_1; GNP02_1; GNP03_1; GNP04_1; GNP05_1; MF01_1; MF02_1; MF03_1; MF04_1; MF05_1; MF07_1; MF11_1; MF13_1; MF14_1; MF15_1; MF16_1; MF17_1; MF24_1; RET1_1; RET3_1; RET4_1; RET5_1; RET6_1; RETRot1_1; RETRot2_1; RETRot3_1; RETWil_1; RETWil2_1; ISC03_1; ISC04_1; ISC08_1; SNR1_1; SNR2_1; V30_1; WA026_1; WA036_1; WA117_1; WA606_1; WA609_1; WA612_1; WA614_1; WA619_1; WA621_1; WA622_1; WA623_1; WA700_1; WA705_1; WA707_1; WA708_1; WA720_1; ZNP01_1
2	<i>rothschildi</i> _MF02_2	37	MF02_2; MF04_2; MF07_2; MF15_2; MF17_2; BNP01_2; BNP02_2; BNP04_2; BNP09_2; BNP03_1; BNP05_2; BNP06_1; CNP03_1; ENP04_2; ENP07_2; ENP08_1; ENP09_2; ENP21_2; KKR01_1; KKR02_2; KKR03_1; KKR04_2; KKR07_2; KKR08_1; MF06_1; MF09_1; MGR01_1; MGR03_2; MGR04_1; MTNP01_2; MTNP02_2; MTNP03_2; V23_2; V24_2; V25_1; V36_2; V38_1
3	<i>reticulata</i> _RET5_2	7	RET5_2; RET6_2; RETRot1_2; RETRot2_2; RETWil_2; RETWil2_2; LWC01_1
4	<i>angolensis</i> _ENP15_1	52	ENP15_1; ENP18_1; ENP19_1; V37_1; BNP05_1; ENP04_1; ENP07_1; ENP09_1; ENP21_1; KKR02_1; KKR04_1; KKR07_1; MGR03_1; MTNP01_1; MTNP02_1; MTNP03_1; V23_1; CKGR02_1; CKGR03_1; CKGR05_1; ENP11_1; ENP12_1; ENP14_1; ENP17_1; ENP20_1; KKR05_1; LVNP18_1; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP31_1; LVNP32_1; LVNP33_1; LVNP34_1; LVNP35_1; LVNP36_1; SGR01_1; SGR05_1; SGR06_1; SGR07_1; SGR12_1; SGR13_1; SGR14_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V26_1; V28_1; V29_1
5	<i>giraffa</i> _BNP01_1	11	BNP01_1; BNP02_1; BNP04_1; BNP09_1; CNP01_1; ENP15_2; ENP16_1; ENP18_2; ENP19_2; MGR05_2; V37_2
6	<i>giraffa</i> _V30_2	9	V30_2; V24_1; V26_2; V28_2; MGR02_2; SNNP_1; V27_1; V31_1; V39_1

Table Aj. Overview of the alleles comprised by the haplotypes shown in the haploweb of *RASSF4*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	Σ	Allele sharing information
1	<i>camelopardalis</i> _ETH1_1	14	ETH1_1; LVNP18_1; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; SGR01_2; SGR05_2; SGR06_2; SGR07_1; SGR12_2; SGR13_1; SGR14_1
2	<i>reticulata</i> _RETRot1_2	6	RETRot1_2; RETRot3_1; RETWil2_1; ISC03_1; ISC04_1; ISC08_1
3	<i>reticulata</i> _RETRot2_2	3	RETRot2_2; RETRot3_2; RETWil2_2
4	<i>reticulata</i> _ISC04_2	2	ISC04_2; ISC08_2
5	<i>reticulata</i> _RET4_1	2	RET4_1; RETRot2_1
6	<i>thornicrofti</i> _LVNP23a_2	3	LVNP23a_2; LVNP33_1; RET6_2

7	<i>tippelskirchi_SGR01_1</i>	2	SGR01_1; SGR12_1
8	<i>camelopardalis_ETH3_2</i>	3	ETH3_2; MF02_1; MF06_1
9	<i>rothschildi_MF11_2</i>	2	MF11_2; MF17_1
10	<i>thornicrofti_LVNP35_1</i>	1	LVNP35_1
11	<i>thornicrofti_LVNP36_1</i>	1	LVNP36_1
12	<i>rothschildi_MF04_2</i>	3	MF04_2; MF05_2; MF07_2
13	<i>rothschildi_MF15_2</i>	2	MF15_2; MF24_2
14	<i>camelopardalis_ETH2_1</i>	15	ETH2_1; MF01_1; MF03_1; MF04_1; MF05_1; MF07_1; MF09_1; MF13_1; MF14_1; MF15_1; MF16_1; MF24_1; WA619_1; WA621_1; WA622_1
15	<i>peralta_WA622_2</i>	2	WA622_2; WA614_1
16	<i>peralta_WA700_1</i>	1	WA700_1
17	<i>peralta_WA720_1</i>	1	WA720_1
18	<i>antiquorum_GNP01_1</i>	4	GNP01_1; GNP03_1; GNP04_1; SNR2_1
19	<i>giraffa_BNP01_1</i>	61	BNP01_1; BNP02_1; BNP03_1; BNP04_1; BNP05_1; BNP06_1; BNP09_1; CKGR01_1; CKGR02_1; CKGR03_1; CKGR05_1; CNP01_1; CNP02_1; CNP03_1; ENP04_1; ENP07_1; ENP08_1; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP15_1; ENP16_1; ENP17_1; ENP18_1; ENP19_1; ENP20_1; ENP21_1; GNP02_1; KKR01_1; KKR02_1; KKR03_1; KKR04_1; KKR05_1; KKR07_1; KKR08_1; MGR03_1; MGR04_1; MGR05_1; MTNP01_1; MTNP02_1; MTNP03_1; RET1_1; SNNP_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V23_1; V24_1; V25_1; V26_1; V27_1; V28_1; V29_1; V30_1; V31_1; V36_1; V37_1; V38_1; V39_1
20	<i>angolensis_CKGR02_2</i>	13	CKGR02_2; CNP01_2; GNP02_2; GNP05_1; SNR1_1; WA026_1; WA036_1; WA606_1; WA609_1; WA623_1; WA707_1; WA708_1; ZNP01_1
21	<i>thornicrofti_LVNP31_1</i>	1	LVNP31_1
22	<i>thornicrofti_LVNP34_1</i>	1	LVNP34_1
23	<i>tippelskirchi_SGR06_1</i>	2	SGR06_1; RETRot1_1
24	<i>reticulata_LWC01_1</i>	1	LWC01_1
25	<i>giraffa_MGR01_1</i>	2	MGR01_1; MGR02_1
26	<i>giraffa_MGR01_2</i>	2	MGR01_2; MGR02_2

Table Ak. Overview of the alleles comprised by the haplotypes shown in the haploweb of *RFC5*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	∑	Allele sharing information
1	<i>camelopardalis_BaNP4_1</i>	47	BaNP4_1; ETH1_1; ETH2_1; ETH3_1; GNP01_1; GNP03_1; GNP04_1; GNP05_1; MF01_1; MF02_1; MF03_1; MF04_1; MF05_1; MF06_1; MF07_1; MF09_1; MF11_1; MF13_1; MF14_1; MF15_1; MF16_1; MF17_1; MF24_1; RET1_1; RET4_1; RET6_1; RETWil2_1; ISC04_1; LWC01_1; SNR1_1; SNR2_1; WA026_1; WA036_1; WA117_1; WA606_1; WA609_1; WA612_1; WA614_1; WA619_1; WA621_1; WA622_1; WA623_1; WA700_1; WA705_1; WA707_1; WA720_1; ZNP01_1
2	<i>camelopardalis_BaNP4_2</i>	2	BaNP4_2; ETH2_2
3	<i>antiquorum_GNP05_2</i>	3	GNP05_2; ZNP01_2; GNP02_1
4	<i>peralta_WA036_2</i>	10	WA036_2; WA117_2; WA609_2; WA612_2; WA621_2; WA622_2; WA700_2;

			WA705_2; WA707_2; WA708_1
5	<i>reticulata</i> _RET1_2	11	RET1_2; RET4_2; RET6_2; RETWil2_2; ISC04_2; RET3_2; RET5_1; RETRot1_1; RETWil_2; ISC03_1; ISC08_2
6	<i>reticulata</i> _RET3_1	3	RET3_1; RETWil_1; ISC08_1
7	<i>giraffa</i> _KKR05_1	1	KKR05_1
8	<i>giraffa</i> _BNP01_1	53	BNP01_1; BNP02_1; BNP03_1; BNP04_1; BNP05_1; BNP06_1; BNP09_1; CKGR01_1; CKGR02_1; CKGR03_1; CKGR05_1; CNP01_1; CNP02_1; CNP03_1; ENP04_2; ENP07_1; ENP09_1; ENP14_2; ENP16_1; ENP18_2; ENP19_1; KKR01_1; KKR02_1; KKR03_1; KKR04_1; KKR07_1; KKR08_1; MGR01_1; MGR02_1; MGR03_1; MGR04_1; MGR05_1; MTNP01_1; MTNP02_1; MTNP03_1; SNNP_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V23_1; V24_1; V25_1; V26_1; V27_1; V28_1; V29_1; V30_1; V31_1; V36_1; V37_1; V38_1; V39_1
9	<i>angolensis</i> _ENP08_1	2	ENP08_1; ENP12_1
10	<i>angolensis</i> _ENP12_2	2	ENP12_2; ENP15_2
11	<i>angolensis</i> _ENP14_1	6	ENP14_1; ENP08_2; ENP11_1; ENP15_1; ENP20_1; ENP21_1
12	<i>angolensis</i> _ENP18_1	2	ENP18_1; ENP17_1
13	<i>thornicrofti</i> _LVNP18_1	19	LVNP18_1; LVNP19_1; LVNP20_2; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP31_1; LVNP32_1; LVNP33_2; LVNP34_1; LVNP35_1; LVNP36_1; SGR01_1; SGR05_1; SGR06_1; SGR07_1; SGR12_1; SGR13_1; SGR14_1
14	<i>thornicrofti</i> _LVNP20_1	2	LVNP20_1; LVNP33_1

Table A1. Overview of the alleles comprised by the haplotypes shown in the haploweb of *SAP130*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	∑	Allele sharing information
1	<i>camelopardalis</i> _BaNP4_1	47	BaNP4_1; ETH1_1; ETH2_1; ETH3_1; GNP01_1; GNP02_1; GNP03_1; GNP04_1; GNP05_1; MF01_1; MF02_1; MF03_1; MF04_1; MF05_1; MF06_1; MF07_1; MF09_1; MF11_1; MF13_1; MF14_1; MF15_1; MF16_1; MF17_1; MF24_1; RET1_1; RET3_1; RET4_1; RETWil2_1; ISC03_1; LWC01_1; SNR1_1; WA026_1; WA036_1; WA117_1; WA606_1; WA609_1; WA612_1; WA614_1; WA619_1; WA622_1; WA623_1; WA700_1; WA705_1; WA707_1; WA708_1; WA720_1; ZNP01_1
2	<i>peralta</i> _WA036_2	3	WA036_2; WA612_2; WA622_2
3	<i>peralta</i> _WA606_2	2	WA606_2; WA621_1
4	<i>reticulata</i> _RET1_2	8	RET1_2; RET6_2; RETRot1_2; RETRot2_1; RETRot3_2; RETWil_1; ISC04_1; ISC08_1
5	<i>reticulata</i> _LWC01_2	5	LWC01_2; RET6_1; RETRot1_1; RETRot3_1; RET5_2
6	<i>antiquorum</i> _SNR2_1	1	SNR2_1
7	<i>tippelskirchi</i> _SGR05_1	15	SGR05_1; SGR06_1; SGR14_1; LVNP18_1; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP31_1; LVNP32_1; LVNP33_1; LVNP34_1; LVNP35_1; LVNP36_1
8	<i>giraffa</i> _BNP01_1	67	BNP01_1; BNP02_1; BNP03_1; BNP04_1; BNP05_1; BNP06_1; BNP09_1; CKGR01_1; CKGR02_1; CKGR05_1; CNP01_1; CNP02_1; CNP03_1; ENP04_1; ENP07_1; ENP08_1; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP15_1; ENP16_1; ENP17_1; ENP18_1; ENP19_1; ENP20_1; ENP21_1; KKR01_1; KKR02_1; KKR03_1; KKR04_1; KKR05_1; KKR07_1; KKR08_1; MGR01_1;

			MGR02_1; MGR03_1; MGR04_1; MGR05_1; MTNP01_1; MTNP02_1; MTNP03_1; SGR01_1; SGR05_2; SGR06_2; SGR07_1; SGR12_1; SGR13_1; SGR14_2; SNNP_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V23_1; V24_1; V25_1; V26_1; V27_1; V28_1; V29_1; V30_1; V31_1; V36_1; V37_1; V38_1; V39_1
9	<i>angolensis</i> _CKGR03_1	1	CKGR03_1

Table Am. Overview of the alleles comprised by the haplotypes shown in the haploweb of *SOS1*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	Σ	Allele sharing information
1	<i>camelopardalis</i> _BaNP4_1	49	BaNP4_1; ETH1_1; ETH2_1; ETH3_1; GNP01_1; GNP02_1; GNP03_1; GNP04_1; GNP05_1; MF01_1; MF02_1; MF03_1; MF04_1; MF05_1; MF06_1; MF07_1; MF09_1; MF11_1; MF13_1; MF15_1; MF16_1; MF17_1; MF24_1; RET1_1; RET3_1; RET4_1; RET5_1; RET6_1; RETRot1_1; RETRot2_1; RETRot3_1; RETWil_1; RETWil2_1; ISC04_1; ISC08_1; LWC01_1; SNR1_1; SNR2_1; WA026_1; WA036_1; WA621_1; WA622_1; WA623_1; WA700_1; WA705_1; WA707_1; WA708_1; WA720_1; ZNP01_1
2	<i>rothschildi</i> _MF05_2	5	MF05_2; MF07_2; ISC04_2; ISC08_2; LWC01_2
3	<i>reticulata</i> _RET5_2	4	RET5_2; RET6_2; RETRot1_2; RETWil_2
4	<i>rothschildi</i> _MF14_1	1	MF14_1
5	<i>reticulata</i> _ISC03_1	1	ISC03_1
6	<i>thornicrofti</i> _LVNP32_1	1	LVNP32_1
7	<i>giraffa</i> _BNP01_1	20	BNP01_1; BNP03_1; BNP04_1; BNP05_1; BNP06_1; BNP09_1; CKGR05_1; KKR01_1; KKR03_1; MGR01_1; MGR02_1; MGR04_1; MTNP01_1; MTNP02_1; MTNP03_1; V29_1; V31_1; V36_1; V37_1; V38_1
8	<i>giraffa</i> _BNP03_2	51	BNP03_2; BNP05_2; BNP06_2; MGR02_2; MTNP02_2; V29_2; V31_2; V36_2; V37_2; V38_2; BNP02_1; CKGR01_1; CKGR02_1; CKGR03_1; CNP01_1; CNP02_1; CNP03_1; ENP04_1; ENP07_1; ENP08_1; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP15_1; ENP16_1; ENP17_1; ENP18_1; ENP19_1; ENP20_1; ENP21_1; KKR02_1; KKR04_1; KKR05_1; KKR07_1; KKR08_1; MGR03_2; MGR05_1; SNNP_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V23_1; V24_1; V25_1; V26_1; V27_1; V28_1; V30_1; V39_2
9	<i>giraffa</i> _KKR03_2	20	KKR03_2; MGR03_1; LVNP18_1; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP31_1; LVNP33_1; LVNP34_1; LVNP35_1; LVNP36_1; SGR01_1; SGR05_1; SGR06_1; SGR07_1; SGR12_1; SGR13_1; SGR14_1
10	<i>angolensis</i> _CKGR01_2	5	CKGR01_2; CNP03_2; ENP16_2; V26_2; V39_1

Table An. Overview of the alleles comprised by the haplotypes shown in the haploweb of *UBN2*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	Σ	Allele sharing information
1	<i>camelopardalis</i> _BaNP4_1	25	BaNP4_1; ETH1_2; ETH2_1; ETH3_1; GNP01_1; GNP02_2; GNP04_1; GNP05_2; MF03_2; MF11_1; MF15_1; MF16_1; MTNP03_1; RET1_1; RET3_2; RET5_1; RET6_1; RETRot3_1; SNNP_2; SNR1_1; SNR2_1; WA036_1; WA612_2; WA614_2; ZNP01_1
2	<i>camelopardalis</i> _ETH1_1	35	ETH1_1; ETH2_2; ETH3_2; GNP02_1; GNP05_1; MF03_1; MF15_2; RET3_1; RETRot3_2; SNNP_1; WA612_1; WA614_1; GNP03_1; MF01_2; MF02_1; MF04_1; MF05_2; MF06_1; MF07_2; MF09_1; MF13_1; MF14_1; MF17_1; MF24_1; RETWil_1; WA026_1; WA117_1; WA606_1; WA609_1; WA619_1; WA621_1; WA622_1; WA623_1; WA700_1; WA705_1
3	<i>rothschildi</i> _MF01_1	3	MF01_1; MF05_1; MF07_1
4	<i>reticulata</i> _RET4_1	8	RET4_1; RETRot1_1; RETRot2_1; RETWil2_1; ISC03_1; ISC04_1; ISC08_1; LWC01_1
5	<i>peralta</i> _WA707_1	1	WA707_1
6	<i>peralta</i> _WA720_1	1	WA720_1
7	<i>giraffa</i> _BNP01_1	43	BNP01_1; BNP03_1; BNP04_1; BNP06_1; BNP09_1; CKGR01_1; CKGR02_1; CKGR03_1; CKGR05_1; CNP03_1; ENP04_1; ENP07_1; ENP08_1; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP15_1; ENP16_1; ENP17_1; ENP18_1; ENP19_1; ENP20_1; ENP21_1; KKR01_1; KKR02_1; KKR03_1; KKR04_1; KKR05_1; KKR07_1; KKR08_1; MGR01_1; MGR03_1; MTNP01_1; MTNP02_1; SUN1_1; SUN3_1; SUN4_1; V24_1; V25_1; V28_1; V36_1; V37_1
8	<i>giraffa</i> _BNP03_2	30	BNP03_2; BNP06_2; CKGR03_2; ENP04_2; ENP08_2; ENP11_2; ENP14_2; ENP20_2; MGR03_2; SUN1_2; SUN4_2; V24_2; V36_2; V37_2; BNP02_2; BNP05_1; CNP01_1; CNP02_1; MGR02_1; MGR04_1; MGR05_1; SUN2_1; V23_1; V26_1; V27_1; V29_1; V30_1; V31_1; V38_1; V39_1
9	<i>thornicrofti</i> _LVNP18_1	19	LVNP18_1; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP31_1; LVNP32_1; LVNP33_1; LVNP34_1; LVNP35_1; LVNP36_1; SGR01_1; SGR05_1; SGR06_1; SGR07_1; SGR12_1; SGR13_1; SGR14_2

Table Ao. Overview of the alleles comprised by the haplotypes shown in the haploweb of *USP33*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	Σ	Allele sharing information
1	<i>camelopardalis</i> _ETH1_1	29	ETH1_1; ETH2_1; ETH3_1; GNP02_1; GNP04_1; MF02_1; MF03_1; MF04_1; MF05_1; MF06_1; MF11_1; MF13_1; MF14_1; MF16_1; MF17_1; MF24_1; RET4_1; RET5_1; RET6_1; RETWil2_1; ISC04_1; LWC01_1; SNR1_1; SNR2_1; WA036_1; WA606_1; WA612_1; WA621_1; ZNP01_1
2	<i>camelopardalis</i> _ETH1_2	20	ETH1_2; ETH2_2; GNP02_2; GNP04_2; MF06_2; MF11_2; MF13_2; MF16_2; WA612_2; GNP01_1; GNP03_1; GNP05_1; RET3_2; RETRot1_2; WA026_2; WA117_2; WA622_2; WA623_2; WA705_2; WA707_1

3	<i>camelopardalis_ETH3_2</i>	13	ETH3_2; RETWil2_2; WA036_2; RET3_1; RETRot1_1; WA622_1; WA623_1; MF01_1; RETRot2_1; RETWil_1; ISC03_1; ISC08_1; WA614_1
4	<i>rothschildi_MF03_2</i>	8	MF03_2; MF05_2; MF14_2; MF17_2; MF01_2; MF07_1; MF09_1; MF15_1
5	<i>reticulata_RET4_2</i>	4	RET4_2; RET6_2; RETWil_2; ISC03_2
6	<i>reticulata_ISC04_2</i>	5	ISC04_2; LWC01_2; RETRot2_2; RET1_1; RETRot3_2
7	<i>peralta_WA117_1</i>	6	WA117_1; WA705_1; WA619_1; WA700_1; WA708_1; WA720_1
8	<i>peralta_WA614_2</i>	3	WA614_2; WA708_2; WA720_2
9	<i>peralta_WA621_2</i>	4	WA621_2; WA619_2; WA700_2; WA609_1
10	<i>thornicrofti_LVNP18_1</i>	19	LVNP18_1; LVNP19_1; LVNP20_1; LVNP21_1; LVNP22_1; LVNP23a_1; LVNP31_1; LVNP32_1; LVNP33_1; LVNP34_1; LVNP35_1; LVNP36_1; SGR01_1; SGR05_1; SGR06_1; SGR07_1; SGR12_1; SGR13_1; SGR14_1
11	<i>giraffa_BNP01_1</i>	56	BNP01_1; BNP02_1; BNP03_1; BNP04_1; BNP05_1; BNP06_1; BNP09_1; CKGR03_1; CKGR05_1; CNP01_1; CNP02_1; CNP03_1; ENP04_1; ENP07_1; ENP09_1; ENP11_1; ENP12_1; ENP14_1; ENP17_1; ENP18_1; ENP19_1; ENP20_1; ENP21_1; KKR01_1; KKR02_1; KKR03_1; KKR04_1; KKR05_1; KKR07_1; KKR08_1; MGR01_1; MGR02_1; MGR03_1; MGR04_1; MGR05_1; MTNP01_1; MTNP02_1; MTNP03_1; SNNP_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V23_1; V24_1; V25_1; V26_1; V27_1; V28_1; V29_1; V30_1; V31_1; V36_1; V37_1; V38_1; V39_1
12	<i>angolensis_CKGR05_2</i>	13	CKGR05_2; CNP03_2; ENP07_2; ENP09_2; ENP14_2; ENP17_2; ENP19_2; V29_2; CKGR01_1; CKGR02_1; ENP08_1; ENP15_1; ENP16_1

Table Ap. Overview of the alleles comprised by the haplotypes shown in the haploweb of *USP54*. Groups of individuals sharing an exclusive allele pool [field for recombination: FFR] are highlighted by a grey box.

n	Representative allele	Σ	Allele sharing information
1	<i>camelopardalis_BaNP4_1</i>	26	BaNP4_1; ETH1_1; ETH2_1; GNP05_1; MF01_1; MF02_1; MF03_1; MF05_1; MF06_1; MF07_1; MF09_1; MF11_1; MF13_1; MF14_1; MF15_1; MF16_1; MF17_1; MF24_1; RETRot2_1; SNR1_1; SNR2_1; WA026_1; WA036_1; WA606_1; WA700_1; WA720_1
2	<i>camelopardalis_BaNP4_2</i>	25	BaNP4_2; ETH1_2; ETH2_2; GNP05_2; MF01_2; MF06_2; MF07_2; MF11_2; MF13_2; MF14_2; SNR1_2; SNR2_2; GNP01_1; GNP02_1; GNP03_1; GNP04_1; MF04_1; WA612_1; WA614_1; WA621_1; WA622_1; WA623_1; WA705_1; WA708_1; ZNP01_2
3	<i>peralta_WA036_2</i>	14	WA036_2; WA700_2; WA720_2; WA612_2; WA614_2; WA621_2; WA622_2; WA623_2; WA705_2; LWC01_1; WA117_1; WA609_1; WA619_1; WA707_1
4	<i>reticulata_RET1_1</i>	8	RET1_1; RET4_1; RET5_1; RET6_1; RETRot1_1; RETRot3_1; RETWil_1; RETWil2_1
5	<i>reticulata_ISC03_1</i>	3	ISC03_1; ISC04_1; ISC08_1
6	<i>giraffa_BNP01_1</i>	38	BNP01_1; BNP02_1; BNP03_1; BNP04_1; BNP05_1; BNP06_1; BNP09_1; CKGR01_1; CKGR02_1; CKGR03_1; CKGR05_2; CNP01_2; CNP02_2; CNP03_2; ENP09_2; ENP12_1; ENP14_1; ENP15_2; ENP20_2; ENP21_2; KKR02_1; KKR03_2; KKR05_2; KKR07_2; KKR08_1; MGR04_2; MTNP02_1; SNNP_1; V23_2; V24_1; V25_1; V26_2; V27_2; V28_2; V31_2; V36_1; V37_2; V39_2

7	<i>angolensis</i> _CKGR05_1	44	CKGR05_1; CNP01_1; CNP02_1; CNP03_1; ENP09_1; ENP15_1; ENP20_1; ENP21_1; KKR03_1; KKR05_1; KKR07_1; MGR04_1; V23_1; V26_1; V27_1; V28_1; V31_1; V37_1; V39_1; ENP04_1; ENP07_1; ENP08_1; ENP11_1; ENP16_1; ENP17_1; ENP18_1; ENP19_1; KKR01_1; KKR04_1; LVNP31_1; LVNP34_1; MGR01_1; MGR02_1; MGR03_1; MGR05_1; MTNP01_1; MTNP03_1; SUN1_1; SUN2_1; SUN3_1; SUN4_1; V29_1; V30_1; V38_1
8	<i>tippelskirchi</i> _SGR07_1	2	SGR07_2; SGR12_1
9	<i>thornicrofti</i> _LVNP21_1	13	LVNP21_1; LVNP23a_1; LVNP32_1; LVNP36_1; LVNP19_1; LVNP22_1; LVNP33_1; LVNP35_1; SGR01_1; SGR06_1; SGR07_1; SGR13_1; SGR14_1
10	<i>thornicrofti</i> _LVNP31_2	7	LVNP31_2; LVNP18_1; LVNP20_1; LVNP21_2; LVNP23a_2; LVNP32_2; LVNP36_2
11	<i>thornicrofti</i> _LVNP34_2	2	LVNP34_2; SGR05_1