

Table S3. *PRDM9* genotypes of men analysed at hotspots F and K, plus selector primers for allele-specific PCR and phasing of heterozygous markers

Hotspot F

man	<i>PRDM9</i> genotype	1° selector primers	2° selector primers	Phasing of heterozygous markers*
2	A A	F4.6FT / FC	F4.8FC / FT	F4.6T-F4.8C-F4.9G-F5.0T-F5.0aA-F5.1T-F5.4C-F5.5A-F6.1G-F6.6G-F6.8C-F7.5C-F7.6G-F8.9T-F9.2G-F9.4A
11	A A	F3.8aFG2 / FA2	F3.9FC / FT	F3.8aG-F3.9T-F5.0T-F5.6aC-F5.9T-F6.0T-F6.1G-F6.6bG-F7.5C
20	A A	F4.6FT / FC	F4.8FC / FT	F4.6C-F4.8T-F4.9A-F5.0G-F5.0aG-F5.1C-F5.4T-F5.5T-F6.1G-F6.6A-F6.6bG
28	A A	F13.3RC / RT	F13.0RT2 / RG2	F5.4T-F5.5T-F6.0T-F6.1G-F6.6G-F7.5T-F9.2A-F10.6A-F11.3C-F12.0C-F13.0T-F13.3C
31	A A	F4.6FT / FC	F4.8FC / FT	F4.6C-F4.8T-F4.9A-F5.0G-F5.0aG-F5.1C-F6.0A-F6.1G-F7.6C-F9.4G
35	A A	F4.6FT / FC	F4.8FC / FT	F4.6C-F4.8T-F4.9A-F5.0G-F5.0aG-F5.1C-F5.4T-F5.5T-F5.9C-F6.1G-F7.6C-F9.4G
51	A A	F4.6FT / FC	F4.8FC / FT	F4.6T-F4.8C-F4.9G-F5.0T-F5.0aA-F5.6aC-F6.1G-F6.5T-F7.5T-F8.1C
55	A A	F4.6FT / FC	F4.8FC / FT	F4.6C-F4.8T-F5.0aG-F5.1C-F5.4T-F5.8G-F6.1G-F6.5C-F6.6bA-F7.6G-F9.4A
77	A B	F4.6FT / FC	F4.8FC / FT	F4.6C-F4.8T-F5.0aG-F5.1C-F5.4T-F5.5T-F6.1G-F6.6G-F7.5T-F9.2A
87	A E	F4.6FT / FC	F4.8FC / FT	F4.6C-F4.8T-F5.0aG-F5.1C-F5.4T-F5.5T-F6.1G-F7.1G

Hotspot K

man	<i>PRDM9</i> genotype	1° selector primers	2° selector primers	Phasing of heterozygous markers*
12	A B	K11.7RC / RT	K10.9RA / RG	K4.9T-K7.4C-K7.5C-K7.8aT-K7.9T-K10.2G-K10.9G-K11.7T
21	A A	K11.7RC / RT	K10.9RA / RG	K4.9T-K6.2C-K7.5C-K9.9G-K10.2G-K10.9G-K11.7T
28	A A	K11.7RC / RT	K10.9RA / RG	K4.9C-K5.1G-K6.2T-K6.4T-K7.4C-K7.5G-K7.8aC-K7.9C-K10.2A-K10.9A-K11.7C
35	A A	K2.9FC / FT2	K3.2FC2 / FG2	K2.9T-K3.2G-K4.9T-K6.2C-K7.4C-K7.5C-K9.9G
39	A A	K2.9FC / FT2	K3.2FC2 / FG2	K2.9T-K3.2G-K5.1A-K6.2C-K6.4C-K7.4C-K7.5C-K9.9A
43	A L20	K2.9FC / FT2	K3.2FC2 / FG2	K2.9C-K3.2C-K4.9C-K5.1G-K6.2T-K6.4T-K7.4C-K7.5C-K10.2A-K10.9A-K11.7C
64	A A	K11.7RC / RT	K10.9RA / RG	K5.1G-K7.5G-K7.9T-K8.8C-K10.2G-K10.9G-K11.7T
67	A A	K2.9FC / FT2	K3.2FC2 / FG2	K2.9T-K3.2G-K4.9T-K5.1A-K6.2C-K6.4C-K7.5G-K7.8aC-K7.9C
71	A A	K11.7RC / RT	K10.9RA / RG	K4.9T-K7.4C-K7.5C-K7.8aT-K7.9T-K10.2G-K10.9G-K11.7T
90	A A	K11.7RC / RT	K10.9RA / RG	K4.9T-K5.1A-K6.2C-K6.4C-K7.4C-K7.5C-K7.8aT-K7.9T-K10.2G-K10.2G-K11.7T
172	A A	K2.9FC / FT2	K3.2FC2 / FG2	K2.9T-K3.2G-K4.9T-K6.2C-K6.4C-K7.4C-K7.5G-K7.5aA-K7.8aC-K8.8T
247	A A	K2.9FC / FT2	K3.2FC2 / FG2	K2.9C-K3.2C-K6.2T-K6.4T-K7.5C-K7.6T-K7.8aT-K8.8T-K10.2G-K10.9G-K11.7T
278	A A	K11.7RC / RT	K10.9RA / RG	K6.2T-K6.4T-K6.6C-K7.3G-K7.5G-K7.5aT-K7.6T-K7.7(-)-K10.2G-K10.9G-K11.7T

* For hotspot F haplotypes bearing F6.1G are shown. For K7.4 heterozygotes, haplotypes with K7.4C are shown.