

Quality parameter	54Kv1	54Kv2	777K
SNPs	54,001	54,609	777,962
Individuals	2,545	842	810
SNPs with unknown, Y-chromosomal or Mt-chromosomal position	549	1,075	3,302
SNPs with genotyping rate < 90%	761	256	7,854
SNPs with minor allele frequency < 0.5%	7,579	8,119	112,375
SNPs showing deviation from the Hardy-Weinberg Equilibrium (P<0.001)	704	401	4,578
Individuals with genotyping rate < 90%	6	11	1
Individuals with discrepancies between pedigree and genomic relationship	7	1	7
Duplicate SNPs (identical physical position, distinct SNP-id)	29	30	54
Remaining animals	2,532	830	802
Remaining SNPs	44,759	44,953	653,294