

**S10 Table. Number of single nucleotide polymorphisms per individual and ratio of heterozygous to homozygous SNPs.**

ID	No of SNPs	Ratio heterozygous to homozygous SNPs
GH11	2,172,270	1.77
GH12	1,937,937	1.46
GH13	2,117,353	1.68
GH14	2,243,913	1.89
GH15	2,225,037	1.94
GH16	2,089,162	1.62
GH17	2,125,450	1.70
GH18	2,164,406	1.71
GH19	2,258,495	1.88
GH20	2,237,011	1.97