

Table S12.Phase results of nine SNPs across all breeds.

HAPLOTYPE	VARIANTS	NUMBER OF ALLELES IN ALL BREEDS	NUMBER OF ALLELES IN GSD ONLY
1	CCCTACAGG	129	0
2	CCCTACAAG	1	0
3	CCCTACAAT	1	1
4	CCCTACTGG	22	0
5	CCCTACTGT	297	244
6	CCCTACTAT	1	1
7	CCCTAGAGG	1	0
8	CCTGGGAAG	33	0
9	CTCTACAGG	4	2
10	CTCTACTGT	1	0
11	CTTGGGAGG	1	0
12	CTTGGGAAG	6	2
13	ACCTACAGG	58	0
14	ACCTACAGT	4	0
15	ACCTACTGG	6	0
16	ACCTACTGT	40	2
17	ATCTACAGG	66	35
18	ATCTACTGT	1	0
19	ATTGGGAGG	6	0
20	ATTGGGAAG	48	41
21	ATTGGGTGG	14	0