**S2 Table. Quality control of caprine Single Nucleotide Polymorphisms (SNPs).**

|  |  |
| --- | --- |
|  | Goat SNP50 BeadChip |
| Total number of SNPs | **53,347** |
| Call frequency (call rate) (<0.98) | 677 |
| Minor allele frequency (<1%) | 405 |
| HWE (≤1,0E-6) | 30 |
| X-linked SNPs / No chromosomal coordinates | 3,394 |
| Total SNPs remained | **48,841** |