**Table S1.** Genotypic and allelic frequencies of the identified SNPs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Location** | **Alias** | **dbSNPs** | **Genotype** | **Genotype frequencies** | **Allele** | **Allele frequencies** |
| Exon 4 | snp\_ex4 | rs411478947 | AA | 0.004 | G | 0.935 |
|  |  |  | AG | 0.123 | A | 0.065 |
|  |  |  | GG | 0.873 |  |  |
| Exon 7 | snp\_ex7 | rs596133197 | CC | 0.954 | C | 0.977 |
|  |  |  | CT | 0.046 | T | 0.023 |
| Exon 8 | snp\_ex8 | rs403578195 | CC | 0.878 | C | 0.939 |
|  |  |  | GC | 0.122 | G | 0.061 |
| Exon 20 | snp\_ex20\_1 | rs412929474 | AA | 0.026 | G | 0.893 |
|  |  |  | AG | 0.163 | A | 0.107 |
|  |  |  | GG | 0.811 |  |  |
|  | snp\_ex20\_2 | rs428867159 | CC | 0.686 | C | 0.822 |
|  |  |  | CT | 0.271 | T | 0.178 |
|  |  |  | TT | 0.043 |  |  |
|  | snp\_ex20\_3 | rs405459906 | AA | 0.621 | A | 0.793 |
|  |  |  | AG | 0.344 | G | 0.207 |
|  |  |  | GG | 0.035 |  |  |