

**Appendix 2.** The PCR and PCR-RFLP Conditions for SNPs rs6214, rs10860860, and rs2946834 Analyses.

| SNP        | Primers Sequence                                      | Product Length (bp) | Annealing Temperature (°C) | Genotype | PCR-RFLP assay |                          |
|------------|-------------------------------------------------------|---------------------|----------------------------|----------|----------------|--------------------------|
|            |                                                       |                     |                            |          | Enzyme         | Resulting Fragments (bp) |
| rs6214     | 5'-GATGGCACTTCTTTTTATTTCTTG<br>5'-TGGCAGTGCATCTTTCAGA | 214                 | 60                         | GG       | Tail           | 119/97                   |
|            |                                                       |                     |                            | GA       |                | 214/119/97               |
|            |                                                       |                     |                            | AA       |                | 214                      |
| rs10860860 | 5'-AGGACCTGGCAAATGATG<br>5'-TATGGCAATTACATATTGGAATG   | 417                 | 58                         | AA       | NdeI           | 272/145                  |
|            |                                                       |                     |                            | AT       |                | 417/272/145              |
|            |                                                       |                     |                            | TT       |                | 417                      |
| rs2946834  | 5'-CCAGGCATGAGGACAGC<br>5'-GAGCCAATACATAACTTTCTTCAT   | 305                 | 58                         | CC       | not performed* |                          |
|            |                                                       |                     |                            | CT       |                |                          |
|            |                                                       |                     |                            | TT       |                |                          |