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| **Table S2. Distribution of SNPs among study participants** | | | |
| **SNP** | **Allele** | **Genotype** | **HWE**  **p-value** |
| **rs99780** | G 196 67%  A 98 33% | G/G 70 48%  G/A 56 38%  A/A 21 14% | 0.094 |
| **rs174537** | G 225 77%  T 69 23% | G/G 92 63%  G/T 41 28%  T/T 14 10% | 0.010 |
| **rs174545** | G 222 76%  C 72 24% | G/G 90 61%  G/C 42 29%  C/C 15 10% | 0.007 |
| **rs174572** | C 282 97%  T 10 3% | C/C 138 95%  C/T 6 4%  T/T 2 1% | 0.007 |
| **rs498793** | G 175 60%  A 117 40% | G/G 57 39%  G/A 61 42%  A/A 28 19% | 0.122 |
| **rs3834458** | T 225 78%  - 65 22% | T/T 94 65%  T/- 37 26%  -/- 14 10% | 0.003 |
| **rs968567** | C 261 89%  T 33 11% | C/C 116 79%  C/T 29 20%  T/T 2 1% | 1.0 |