**Supplementary Data:**

**Table 1: Genotype and allele frequency between CAD cases and healthy controls in *MTHFR* Gene.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Genotype & Alleles** | **Odds ratio** | **95%CI** | ***p*-value** |
| TT+CT Vs CC |  **3.3** |  **1.8 - 5.9** |  **0.00001** |
| CT Vs CC+TT |  **3.1** |  **1.7 - 5.6** |  **0.001** |
| TT Vs CC+CT |  3.0  |  0.3 - 29.3 |  0.3388 |
| T Vs C |  **3.1** |  **1.8 - 5.3** |  **0.001** |

**Table 2: Genotype and allele frequency between CAD cases and healthy controls in *PON1* Gene.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Genotype & Alleles** | **Odds ratio** | **95%CI** | ***p*-value** |
| GG+AG Vs AA |  1.2 |  0.8 - 1.9 | 0.23 |
| AG Vs AA+GG |  0.86 |  0.5 - 1.2 |  0.48 |
| **GG Vs AA+AG** |  **1.9** |  **1.1 - 3.4** |  **0.01** |
| **G Vs A** |  **1.3** |  **1.0 - 1.7** |  **0.03** |

**Table 3: Genotype and allele frequency between CAD cases and healthy controls in *ACE* Gene.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Genotype & Alleles** | **Odds ratio** | **95%CI** | ***p*-value** |
| ID+DD Vs II | 0.89 | 0.5-1.3 | 0.33 |
| ID Vs II+DD | 0.7 | 0.50-1.11 | 0.16 |
| DD Vs II+DD | 1.3 | 0.81-2.18 | 0.25 |
| D Vs I | 1.0 | 0.78-1.37 | 0.77 |