

| Subjects               | Genotype Frequencies (% , n) |                                |                              | Allele Frequencies               | HWE <i>p</i> | Odds Ratio (OR)             |
|------------------------|------------------------------|--------------------------------|------------------------------|----------------------------------|--------------|-----------------------------|
|                        | Thr/Thr<br>Wildtype          | Thr/Ala<br>Heterozygous mutant | Ala/Ala<br>Homozygous mutant |                                  |              |                             |
| <b>DTC (n=157)</b>     | 0.21 (33)                    | 0.52 (82)                      | 0.27 (42)                    | Thr (A) = 0.47<br>Ala (G) = 0.53 | 0.82         | 1.1<br>95% CI               |
| <b>Control (n= 69)</b> | 0.27 (17)                    | 0.48 (34)                      | 0.25 (18)                    | Thr (A) = 0.51<br>Ala (G) = 0.49 | 0.93         | (0.6-1.9)<br><i>P</i> = 0.7 |