**Table S4 -** Anthropometric and biochemical variables (mean ± standard error) in obese and non-obese women stratified by usual homozygous and less frequent alleles carriers for -116G>A and 1615G>A SNPs.

| Parameter | Obese | | | Non-obese | | |
|---|---|---|---|---|---|---|
| | -116AA + 1615AA | (-116AG+AA) + (1615AG+AA) | p | -116AA + 1615AA | (-116AG+AA) + (1615AG+AA) | p |
| | (n = 139) | (n = 28) | | (n = 50) | (n = 13) | |
| BMI (kg/m²) | 35.05 ± 0.43 | 34.21 ± 0.68 | 0.751 | 22.11 ± 0.26 | 22.04 ± 0.54 | 0.890 |
| BChE activity (kU/L) | 5.52 ± 0.15 | 4.39 ± 0.30 | **0.000** | 5.40 ± 0.28 | 4.2 ± 0.45 | 0.056 |
| HDL-C (mg/dL) | 51.6 ± 1.14 | 52.11 ± 2.77 | 0.907 | 53.18 ± 2.07 | 50.4 ± 4.34 | 0.419 |
| LDL-C (mg/dL) | 114.53 ± 2.68 | 122.34 ± 5.39 | 0.195 | 119.8 ± 4.96 | 106.3 ± 5.71 | 0.153 |
| TG (mg/dL) | 150.35 ± 6.81 | 122 ± 9.65 | **0.043** | 99.98 ± 6.89 | 120.9 ± 25.43 | 0.792 |
| TC (mg/dL) | 196.32 ± 3.15 | 198.82 ± 6.68 | 0.743 | 189.86 ± 7 | 179.9 ± 9.34 | 0.543 |