**Supplemental Table 1. Circulating non-esterified fatty acids (uM).**

| Acids          | BMI < 25 kg/m² | BMI > 30 kg/m² |
|----------------|---------------|---------------|
| Myristic 14:0  | 7.8 ± 4.5     | 5.7 ± 1.7     |
| Palmitic 16:0  | 138.1 ± 407   | 115.1 ± 41.4  |
| Palmitoleic 16:1 cis | 15.3 ± 8.5   | 10.4 ± 3.2    |
| Stearic 18:0   | 49.8 ± 11.6   | 51.5 ± 20.6   |
| Oleic 18:1 cis | 200.5 ± 67.9  | 138.2 ± 46.7* |
| Elaidic 18:1 trans | 6.2 ± 3.6  | 5.1 ± 2.7     |
| Linoleic 18:2 (n-6) | 103.1 ± 31.4 | 79.5 ± 29.5   |
| Linolenic 18:3 (n-3) | 9.8 ± 3.3   | 7.3 ± 2.7     |
| Arachidonic 20:4 (n-6) | 3.2 ± 1.0  | 2.9 ± 1.7     |
| Total          | 533.9 ± 159.7 | 415.7 ± 140.7 |
| Oleic/Palmitic | 1.44 ± 0.14   | 1.21 ± 0.11†  |

Data are means ± SD; *P<0.05, †P<0.01, versus subjects with BMI < 25 kg/m².