**S2 Table. Correlations between metabolites and biometric and metabolic parameters.**

The ellipses in a correlation matrix represent the level of correlation. Perir – perirenal adipose tissue, Total – total adipose tissue, Ins – insulin, Lep – leptin, TG – triglycerides, BW – body weight, SCAT subcutaneous adipose tissue, FFA – free fatty acids, HOMA – homeostatic assessments treatment, *Ucp1* – uncoupling protein 1.