Supplementary Figure 1. G6PD enzyme activity in fresh RBCs of study participants. A histogram of 27 G6PD-normal and 10 G6PD-deficient subjects is shown. One G6PD-deficient subject had the Mediterranean variant and 9 had the A-variant, as labeled.
Supplementary Figure 2. G6PD-deficient RBCs undergo similar metabolic changes as G6PD-normal RBCs with some specific differences. G6PD-deficient RBCs are also characterized by specific changes in arginine and flavin metabolism, the PPP, carboxylates, carnitines, and oxylipins. A vectorial (scalable) version of this figure, including metabolite names, is provided in Supplementary Figures 3 and 4 for RBCs and supernatants, respectively.