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Donor sex, age and ethnicity impact stored red blood cell antioxidant metabolism through mechanisms in part explained by glucose 6-phosphate dehydrogenase levels and activity

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Contributions: TK, SK, MTG, ML, MS, MPB, GP, JCZ designed the study. AD, XF, JAR, RCH, JCZ performed metabolomics analyses. YG, GP performed genomics analyses. TK performed oxidative hemolysis measurements. AD prepared figures and wrote the first version of the manuscript. All the authors contributed to the finalization of the manuscript.