RESVERATROL ACCELERATES ERYTHROID MATURATION BY ACTIVATION OF FOXO3 AND AMELIORATES ANEMIA IN BETA-THALASSEMIC MICE

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LDF, DAS, CB, AI and SG designed the experiments, analyzed the data and wrote the manuscript; SM, NM and XA contributed to study design and the writing of the manuscript; SSF performed the experiments and analyzed the data; AS and AM performed the experiments; PR performed the FOXO3a analysis on sorted cells, analyzed the data; MB performed the carbonyl groups measurements and FOXO3a-PRDX2 bioinformatic analysis and contributed to writing of the manuscript; LDeF performed the RT-PCR analysis and analyzed the data; JA carried out the pathological analysis. MDC supplied part of the beta-thalassemia intermedia samples, and contributed to writing the manuscript; EZ contributed to sorting experiments; all authors reviewed the manuscript.