

Cord blood-derived CD34⁺ hematopoietic cells with low mitochondrial mass are enriched in hematopoietic repopulating stem cell function

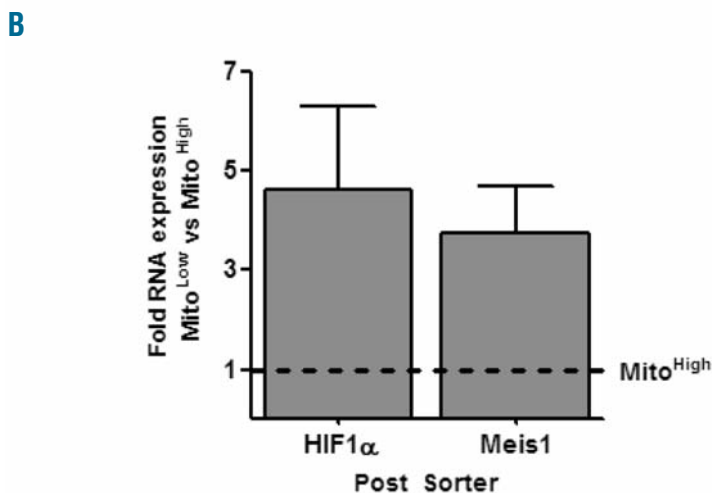
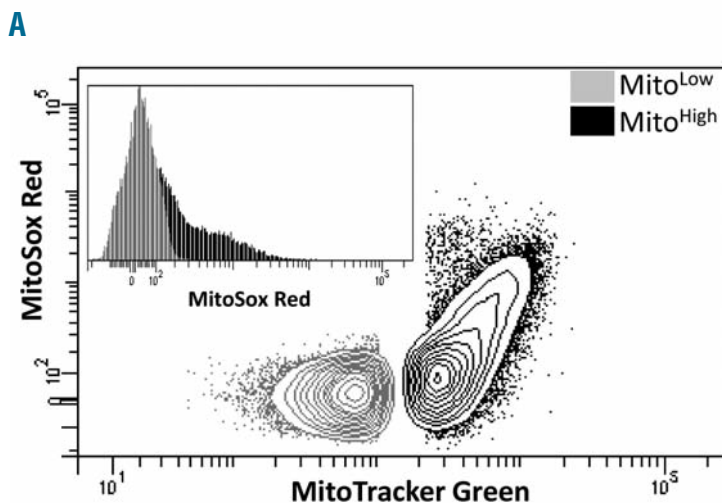
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Online Supplementary Figure S1. (A) Levels of reactive oxidative species (ROS) measured by MitoSox staining in CD34⁺ Mito^{Low} cells and Mito^{High} cells. (B) Quantitative reverse transcriptase polymerase chain reaction analysis of HIF1 α and Meis1 in CD34⁺ Mito^{Low} cells relative to CD34⁺ Mito^{High} cells. The dotted horizontal line represents the gene expression level in CD34⁺ Mito^{High} cells. β -actin was used as a housekeeping gene.