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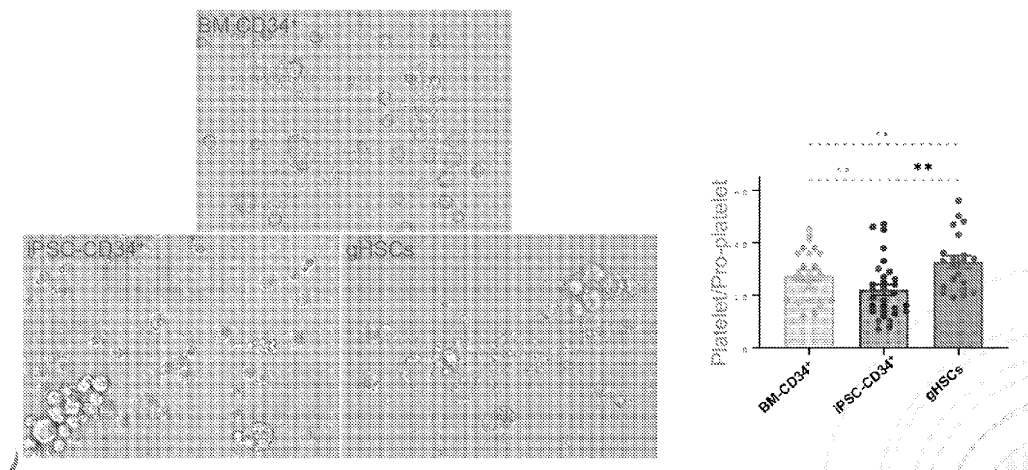
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(54) Title: PLURIPOTENT STEM CELL-DERIVED MEGAKARYOCYTES AND PLATELETS

FIG. 12



(57) Abstract: The present disclosure provides for efficient ex vivo processes for generating megakaryocytes and/or platelets from human induced pluripotent stem cells (iPSCs). Cells and platelets generated according to the disclosure in various embodiments are functional and/or more closely resemble the corresponding lineage isolated from peripheral blood, bone marrow, or other tissues. The present invention in some aspects provides isolated cells/platelets and compositions produced by the methods disclosed herein, as well as methods for therapy.

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