

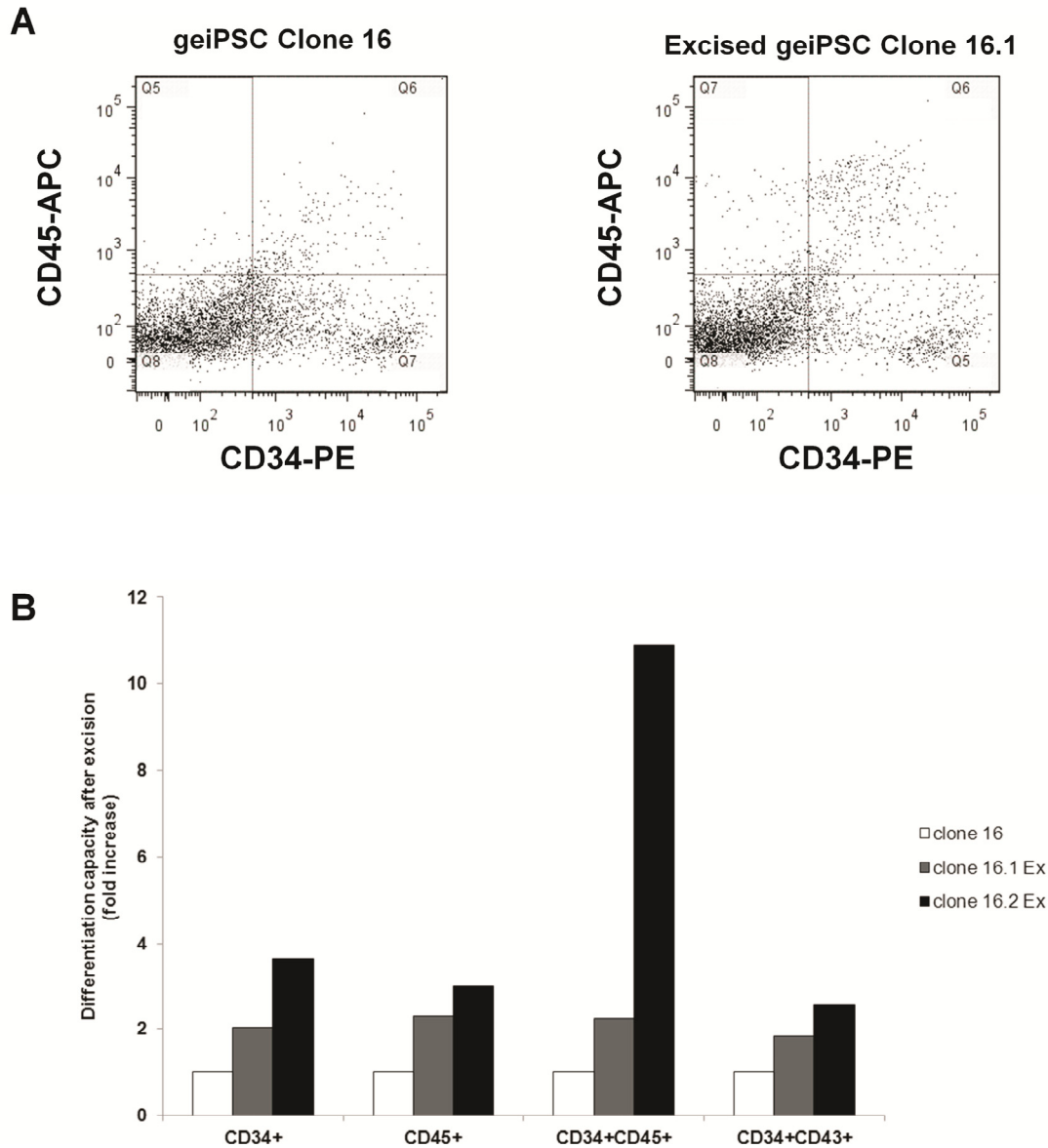


Figure S8: *In vitro* hematopoietic differentiation of gene edited FA iPSCs. A) Representative flow cytometry dot plots of human CD34⁺ and CD45⁺ hematopoietic cells obtained by *in vitro* differentiation of geFA-iPSCs 16 before and after Cre-mediated excision of OSKM factors (geFA-iPSCs Ex16.1). **B)** Improved differentiation potential in geFA-iPSCs after excision of the reprogramming cassette. The relative expression of different hematopoietic markers (CD34⁺, CD45⁺, CD34⁺CD43⁺, CD34⁺CD45⁺) was analyzed in geFA-iPSCs 16 and two different excised clones (geFA-iPSCs Ex16.1 and Ex 16.2).