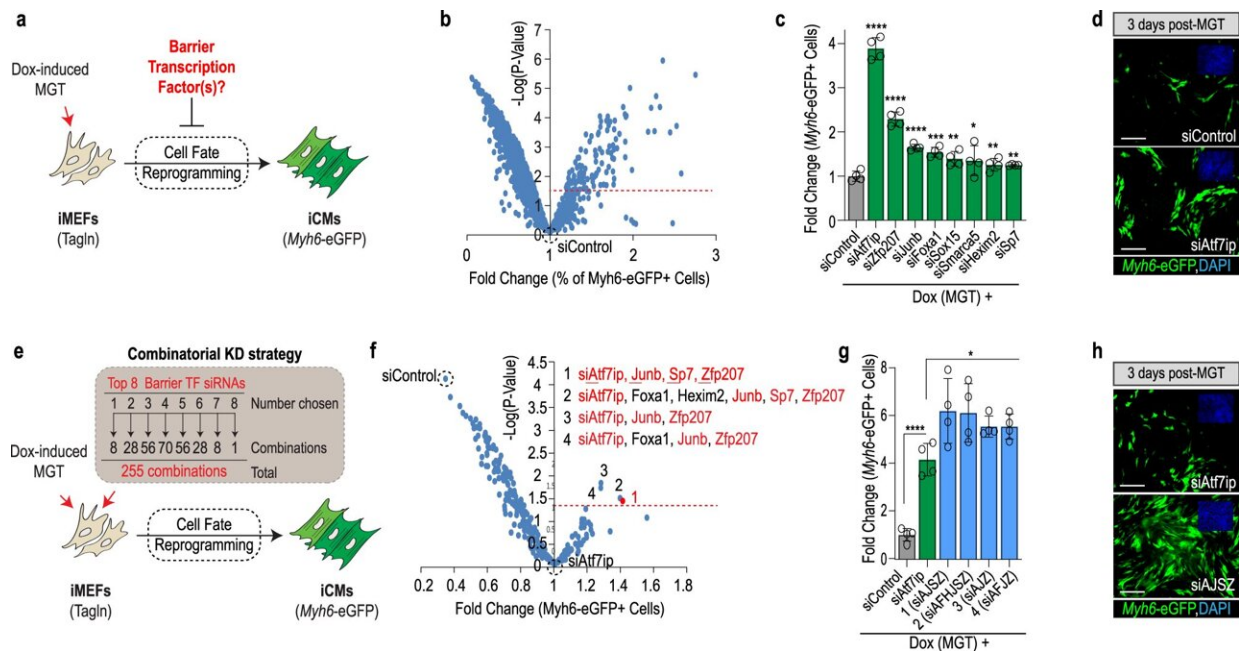


Heart attack study could change the game in regenerative medicine

March 29 2023



Genome-wide TF screen identifies *Atf7ip*, *JunB*, *Sp7*, and *Zfp207* (ZNF207) as barriers to cell fate reprogramming. **a** Schematic of the cardiac reprogramming assay and experimental rationale. **b** Volcano plot depicting genome-wide TF screen results. X-axis shows % of Myh6-EGFP + positive normalized to siControl. Y axis represents $-\log$ of P value as compared to siControl. The screen was run in experimental quadruplicate. **c** Validation of top 20 hits identifies eight siRNAs with confirmed activity. Student's t-test: *p

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