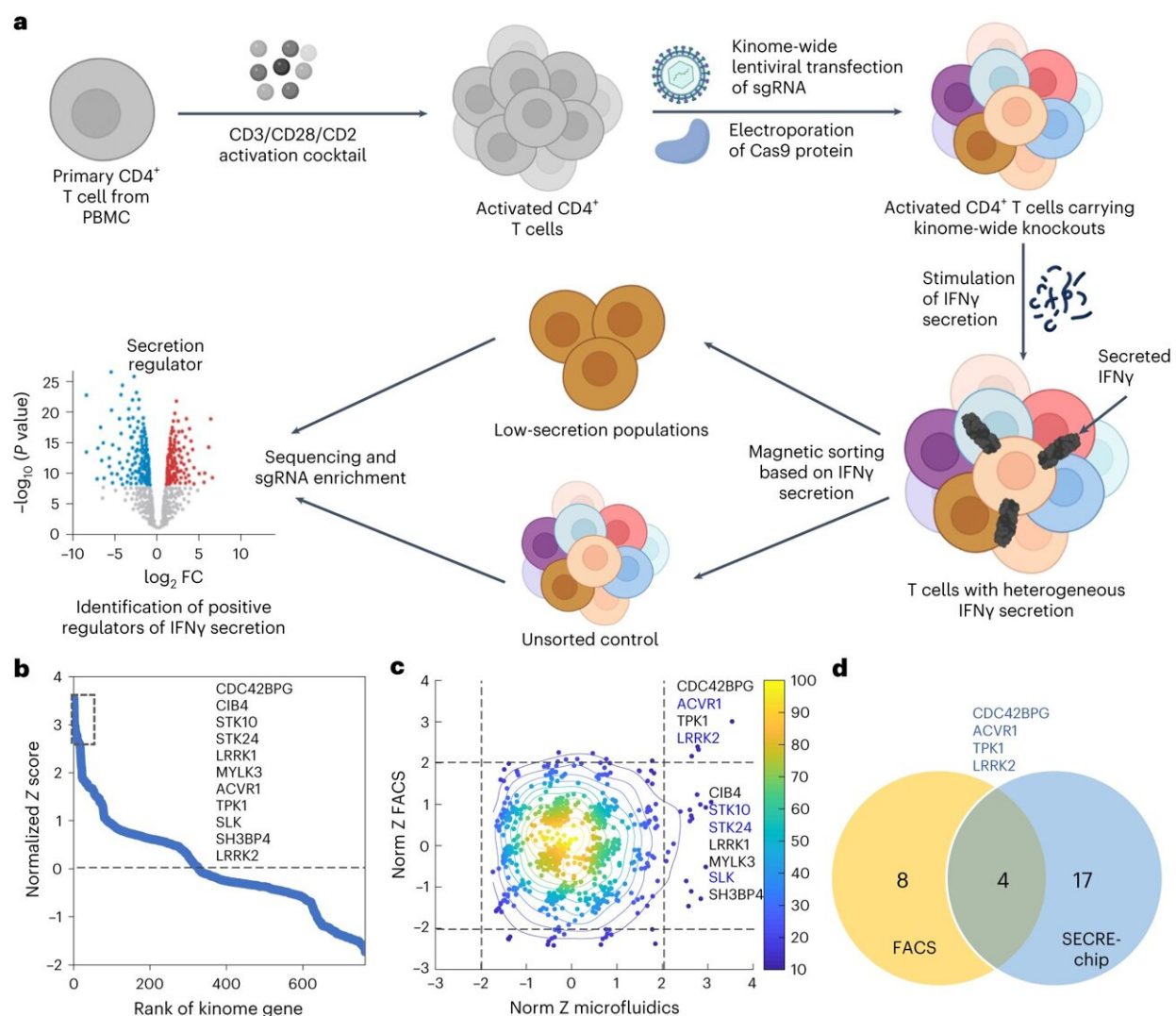


Scientists devise new technique that can pinpoint causes, treatments of autoimmune diseases

November 27 2023, by Alan Williams



SECRE combined with a CRISPR screen identifies regulators of IFN γ secretion.

a, Schematic of CRISPR screen workflow. PBMC, peripheral blood mononuclear cell. **b**, Genes targeted by sgRNAs detected in the SECRE-chip $\text{IFN}\gamma^{\text{neg}}/\text{IFN}\gamma^{\text{low}}$ screen, ranked by normalized Z score as calculated using DrugZ algorithm. **c**, Comparison between SECRE-chip and FACS screen results. Normalized Z scores are shown, colored by density with contours indicated. The dashed lines indicate the top and bottom 90th percentiles of the data. Overlapping hits at

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