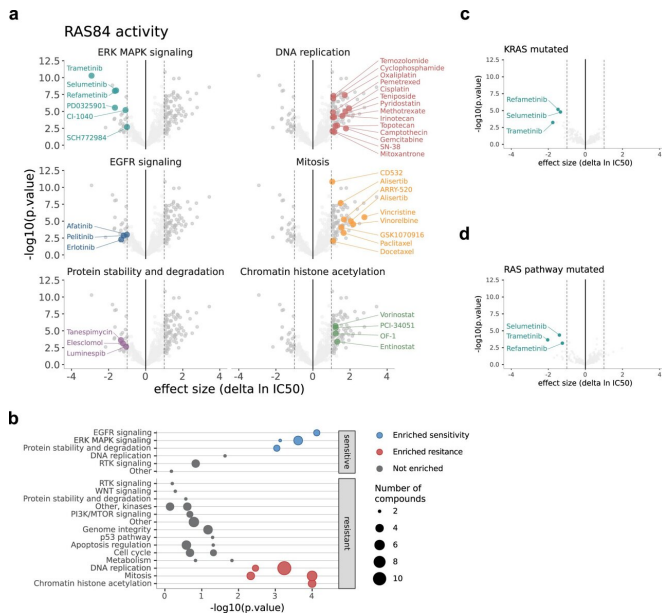# Unique gene signature could help predict response to chemotherapy

3 October 2022

In vitro anticancer drug screen. a Volcano plots showing differences in IC50 values between RAS high and low CCLE cell lines. Drugs with enriched target annotations in the significant sensitive and resistant groups are highlighted (hypergeometric test) Drugs with an absolute log2 fold change >1 and fdr < 0.05 (linear model with Benjamini-Hochberg correction) are shown in dark grey. Results from both GDSC1 & 2 are shown. b Drug target annotation enrichment in sensitive and resistant drugs from GDSC1 & 2 (fdr

APA citation: Unique gene signature could help predict response to chemotherapy (2022, October 3) retrieved 4 December 2022 from https://medicalxpress.com/news/2022-10-unique-gene-signature-response-chemotherapy.html