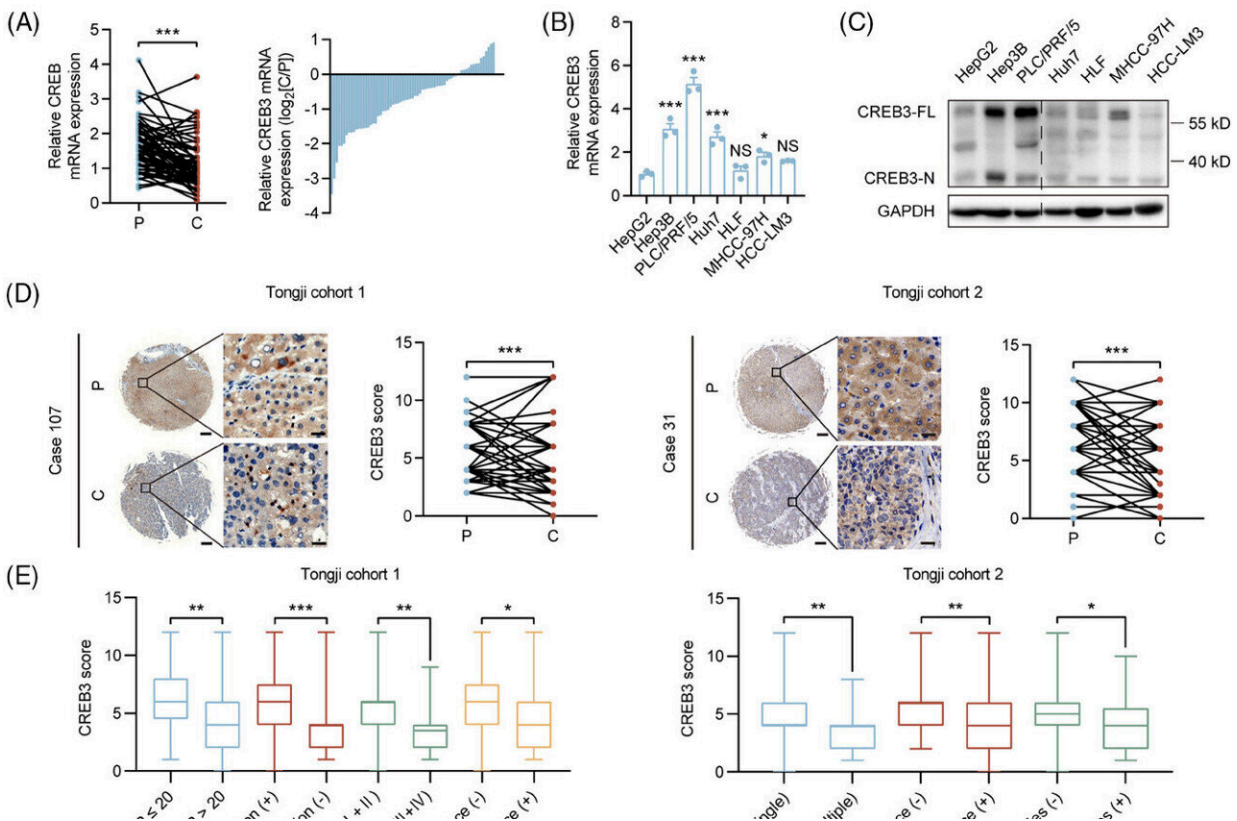


Study reveals CREB3's role in hepatocellular carcinoma suppression via AKT signaling

July 3 2024



Expression of CREB3 is decreased in HCC tissues and correlated with better clinical outcome. (A) mRNA expression of CREB3 in HCC tissues and adjacent nontumor tissues. (B and C) mRNA and protein expression of CREB3 in indicated cell lines. CREB3-FL indicated the full length of CREB3; CREB3-N indicated N-terminus of CREB3. GAPDH as loading control. (D) Representative images and quantification of CREB3 IHC staining in 110 paired HCC tissues and adjacent nontumor tissues. Scale bar: 200 μ m, 20 μ m. (E) Relative expression scores of CREB3 in HCC with or without indicated

clinicopathological variables. (F) Kaplan–Meier's analysis of the correlation between CREB3 expression and the overall survival and recurrence-free survival of patients with HCC in Tongji cohort 1. (G) Univariate and multivariate analysis of survival and recurrence displaying independent risk factors of HCC in Tongji cohort 1. Data were represented as mean \pm SEM. *p

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