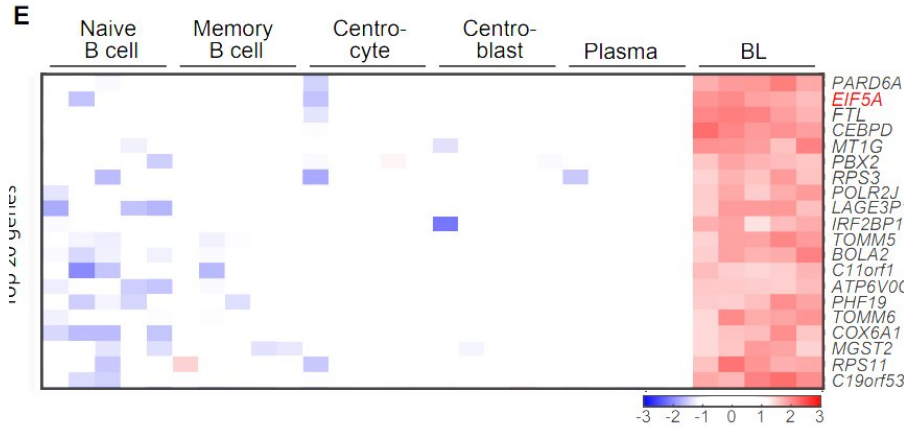
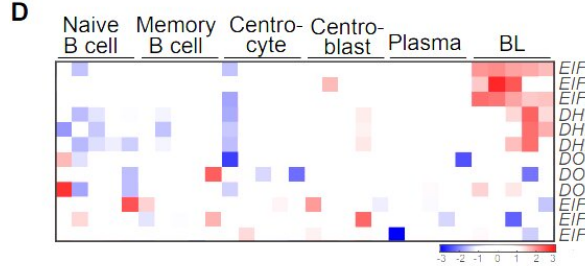
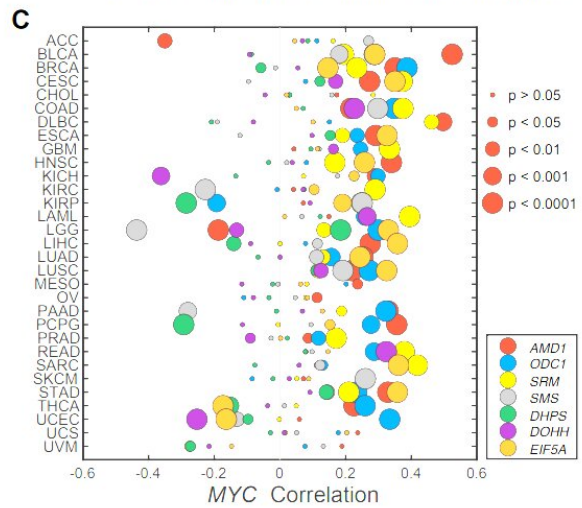
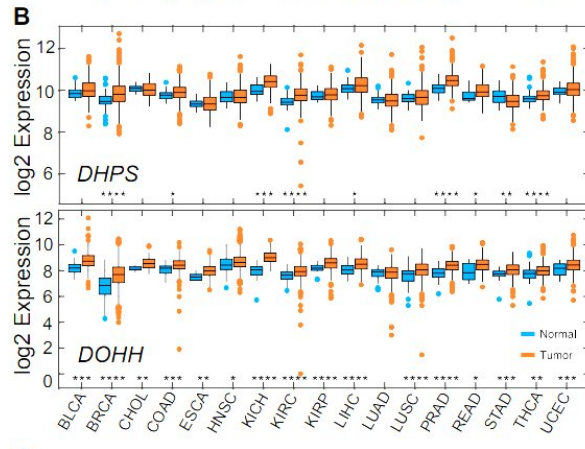
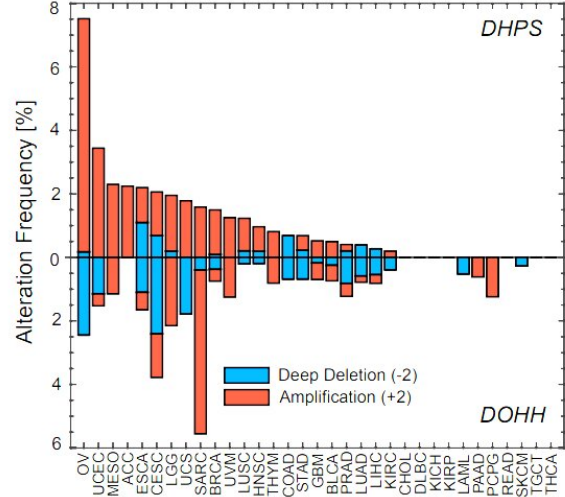
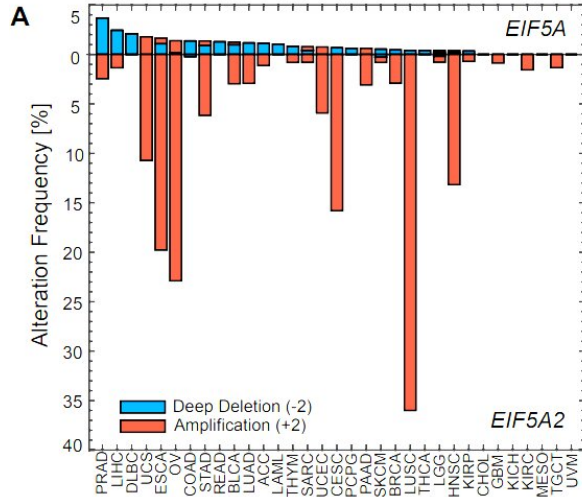


Researchers discover pathway critical for lymphoma development

April 20 2023



Activation of the polyamine-hypusine circuit is a hallmark of human cancer and of MYC-driven lymphoma. A, Copy number alterations (CNA) of EIF5A and EIFA2 (left), and of DHPS and DOHH (right) across different cancer types. Abbreviations for the indicated TCGA datasets are: prostate = PRAD; Liver Hepatocellular = LIHC; Diffuse Large Bcell Lymphoma = DLBC; Uterine Carcinosarcoma = UCS; Esophageal = SCA; Ovarian serous carcinoma = OV; Colorectal = COAD; Stomach = STAD; Rectum = READ; Bladder Urothelial = BLCA; Lung adenocarcinoma = LUAD; Adrenocortical carcinoma = ACC; Acute Myeloid Leukemia = LAML; Thymoma = THYM; Sarcoma = SARC; Uterine Corpus Endometrial = UCEC; Cervical carcinoma = CESC; Pheochromocytoma and Paraganglioma = PCPG; Pancreatic adenocarcinoma = PAAD; Skin Cutaneous Melanoma = SKCM; Breast = BRCA; Lung Squamous = LUSC; Thyroid = THCA; Lower Grade Glioma = LGG; Head & Neck Squamous = HNSC; Kidney Renal Papillary = KIRP; Cholangiocarcinoma = CHOL; Glioblastoma = GBM; Kidney Chromophobe = KICH; Kidney Renal Clear Cell = KIRC; Mesothelioma = MESO; Testicular Germ Cell Tumors = TGCT; and Uveal Melanoma = UVM. B, DHPS and DOHH levels in RNA-seq datasets in 17 cancer types derived from TCGA PanCanAtlas. Significance (by Mann-Whitney test): **** p

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