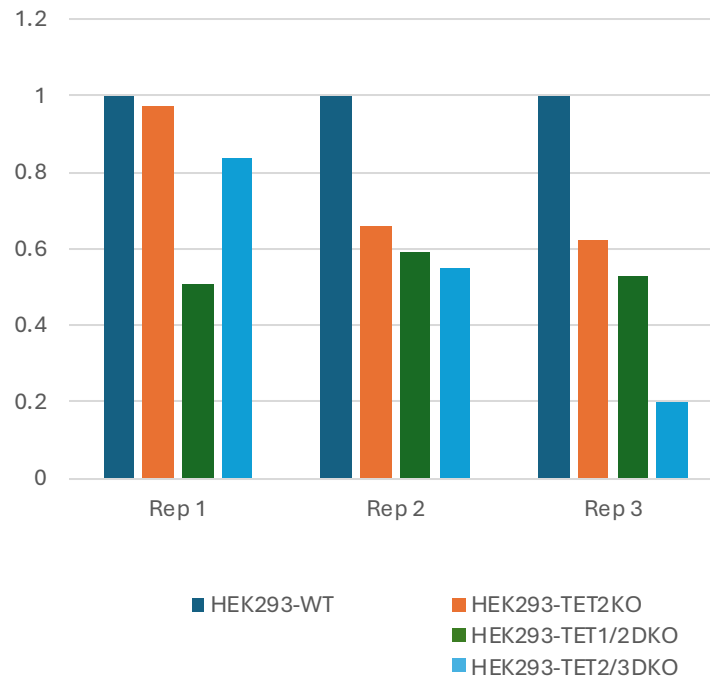


Global Protein synthesis assay

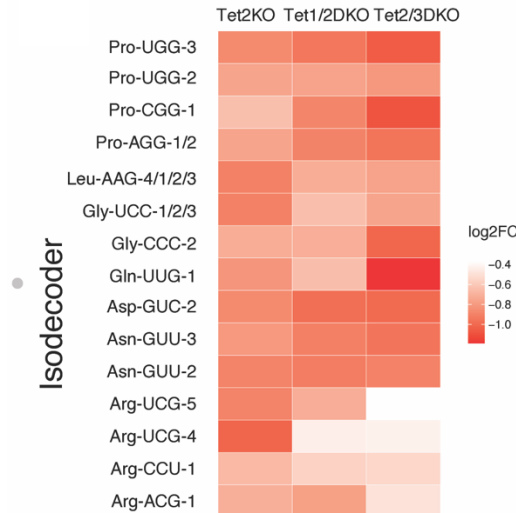
Modification-Induced misincorporation tRNA-seq

tRNA structurome probing with Dimethyl sulfate (DMS)

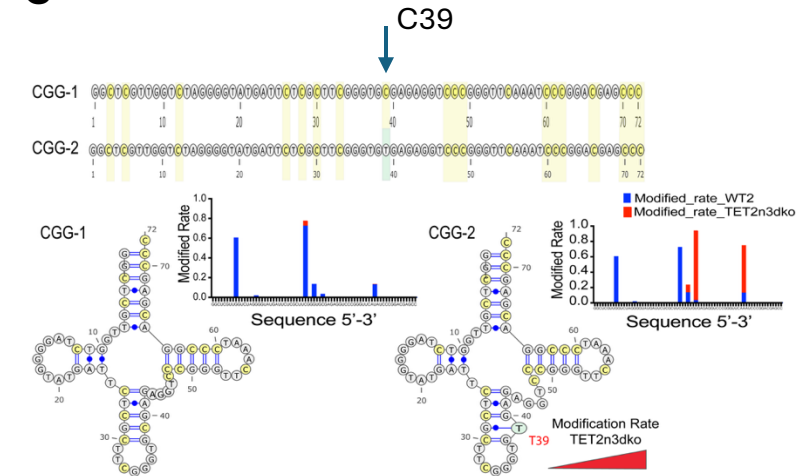
A



B



C



A. Global Protein Synthesis Assay with OP-Puro reveals change in translation activity with the loss of TET enzymes. B. Data representing tRNA abundance changes when TET enzymes are knocked out relative to control (15 decreased isodecoders). C. tRNA structurome probing with Dimethyl sulfate (DMS) show diversity in tRNA^{Pro(CGG)} at C39 increases DMS reactivity when TET2 and TET3 are inactive