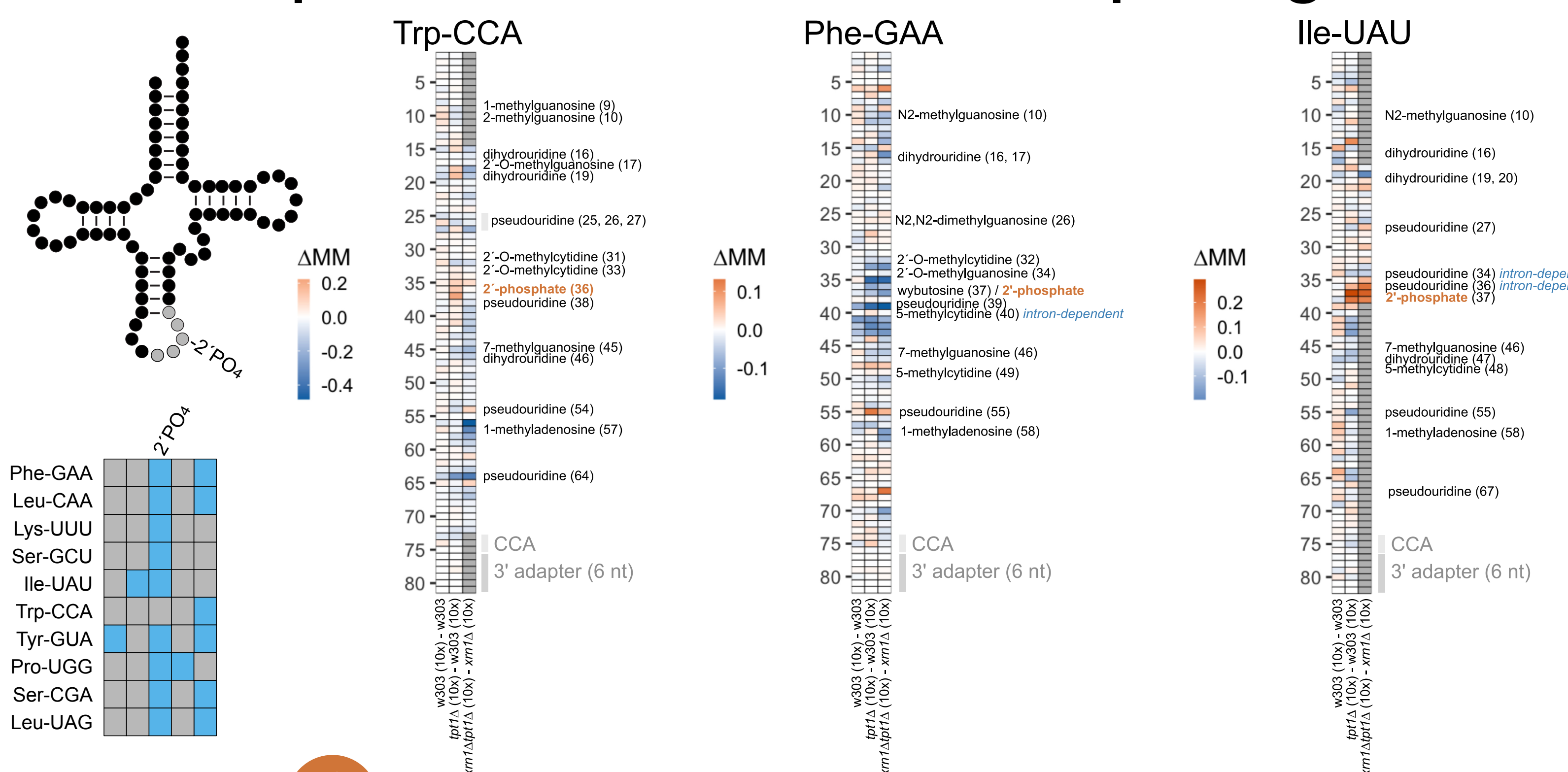


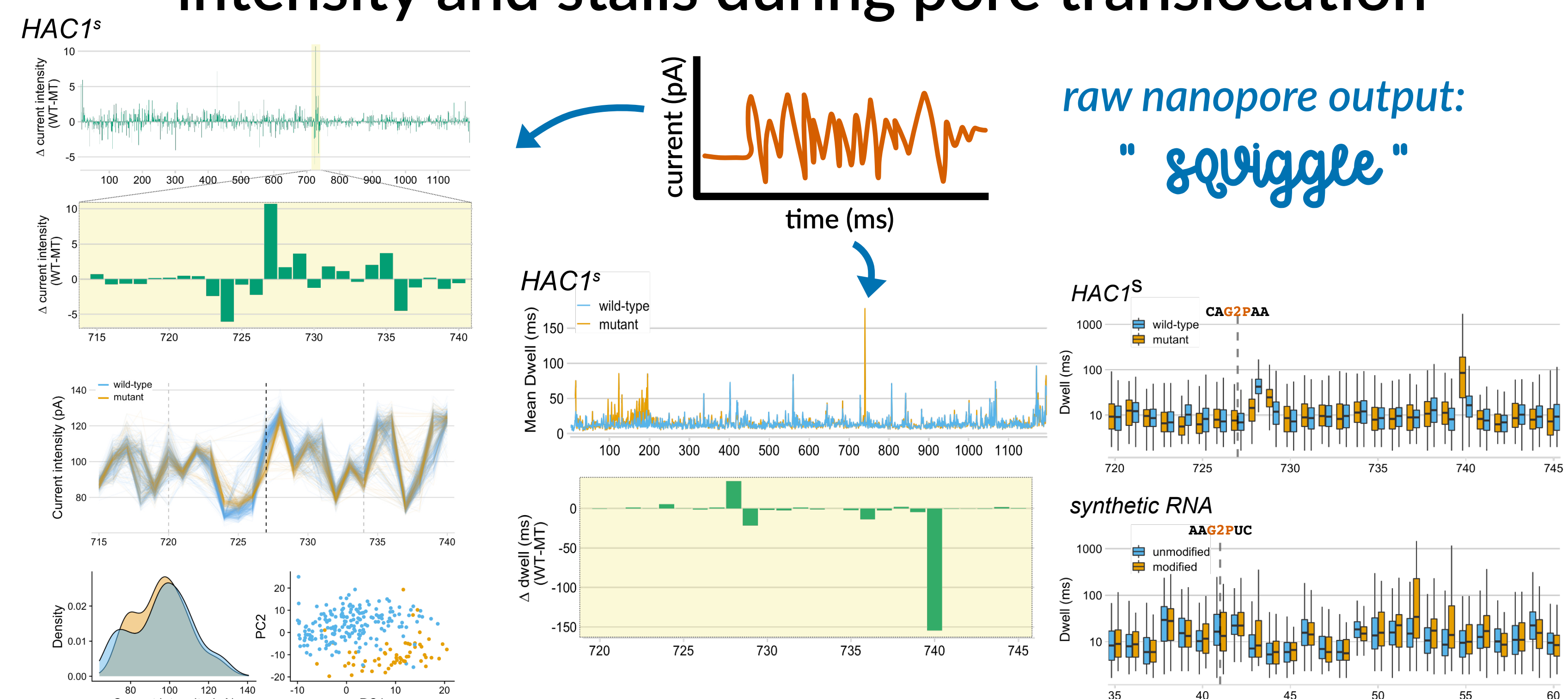
by nanopore sequencing

Complex modifications of tRNAs
complicate detection of RNA repair signals

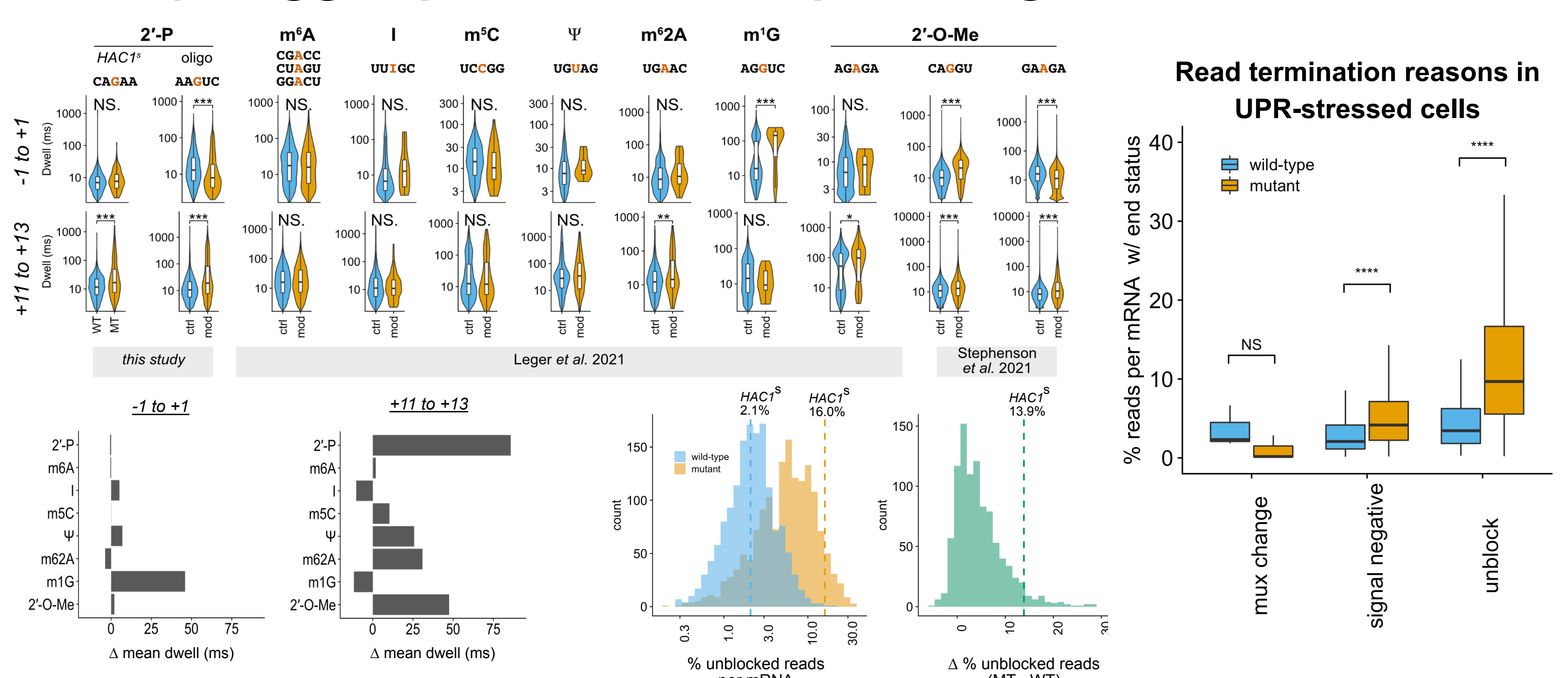


2'-phosphorylation of spliced, intron-containing tRNAs occurs at the "hypermodified base"

RNA repair produces distortions in nanopore signal intensity and stalls during pore translocation



2'-PO₄-induced stalls are strong enough that they may trigger premature sequencing read termination



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NOT PEER-REVIEWED. COMMENTS ARE WELCOME.