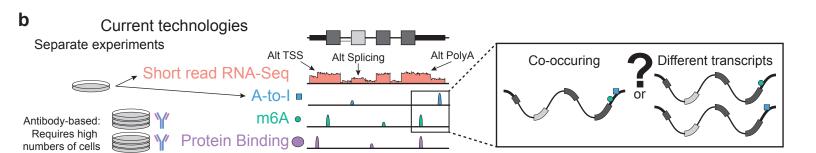
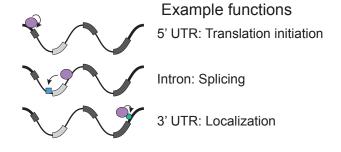
a Unspliced pre-mRNA Spliced mRNA Inclusion isoform



Exclusion isoform

C Multifunctionality of the same protein



d

Genome AATGGACTTGA...GTGTTAGAGCC

Current: cDNA Sequencing AATGGACTTGA...GTGTTGGAGCC Sequencing error, SNP, or true edit?

Future: Direct RNA Sequencing AAUGGACUUGA...GUGUUIGAGCC Exact identification of RNA modifications and edits

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