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#### **Research Interests**

RNA folding and structure, RNA post-transcriptional regulation, Pol II regulation

### **Strengths or Unique Resources**

Chemical probing technologies for measuring RNA structures in cells

### Type of collaborator you seek

Expert in single-cell technology development

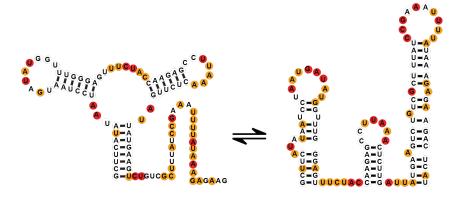
**Publication List (link & qr code)** 

Lab or Faculty website (link & qr code)

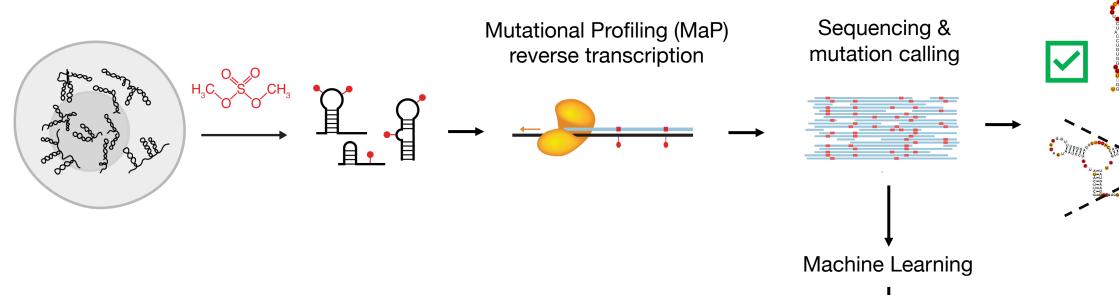
mustoelab.org







# Chemical probing experiments enable high-throughput measurement of RNA structure and dynamics in living cells



- → Require >10,000 unique measurements per RNA
  - → Typical RNA present at <50 copies per cell



## Understand how RNA structural dynamics shape cell identify

