SenseAI™
RNA Design Engine

Design and Modification of therapeutic RNA

Chemical Modification & Sequence Adjustment

- Modified Base Prediction
- Design of Subsidiary Units Such as Cap, polyA, and Dangling Bases

mRNA Codon Optimization

- Flexible Selection of Constraints
- Multiple Optimization Strategies such as Prioritizing Expression or Maintaining Low Abundance Codon

Application Scenarios

mRNA Vaccine

mRNA Based Protein Replacement Therapy

siRNA Drugs

UTR Component Annotations & Modifications

- Insertion, Mutation, and Deletion of UTR Components
- Design High Expression UTR from Scratch

Why Choose Ainnocence?

1 Comprehensive genome screening

2 Wet lab validated

3 Ultra-High Throughput

4 Rapid Turnaround: from a few hours to two weeks

siRNA Design & Optimization

- Inhibition Efficiency Evaluation
- Specificity Evaluation