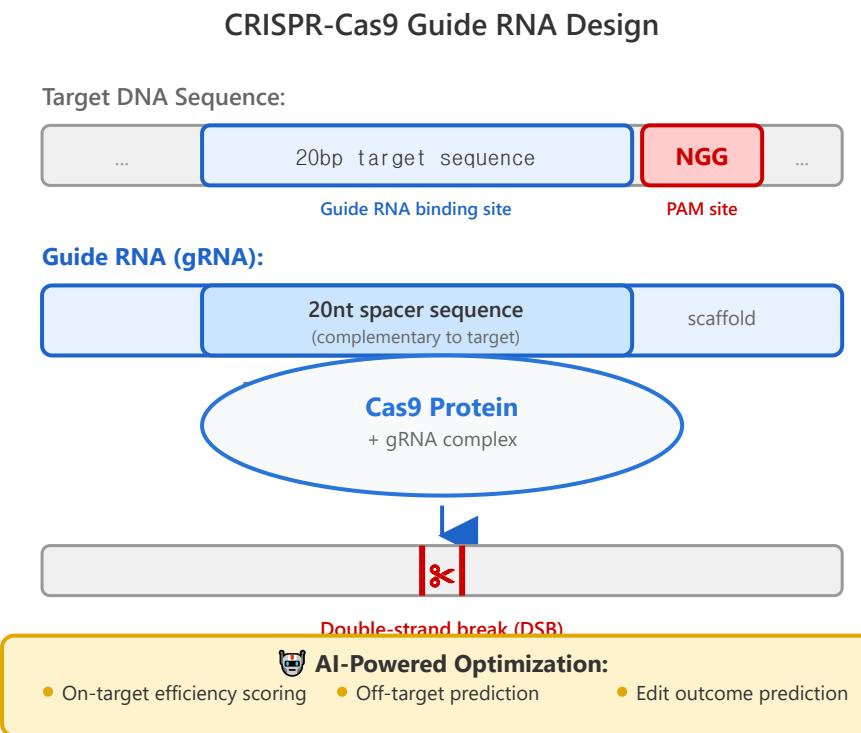


# CRISPR Optimization



## Guide RNA design

20nt spacer + scaffold optimization

## Off-target prediction

Minimize unintended cuts

## Efficiency scoring

On-target activity models

## Prime editing

Precise base substitutions

## Base editing

C→T, A→G conversions