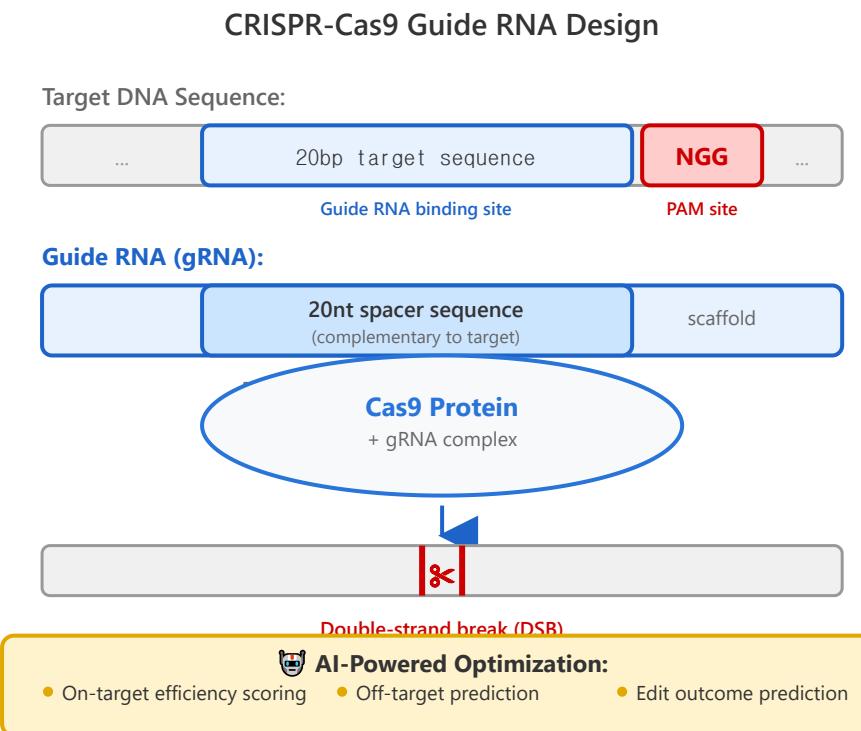


CRISPR Optimization



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