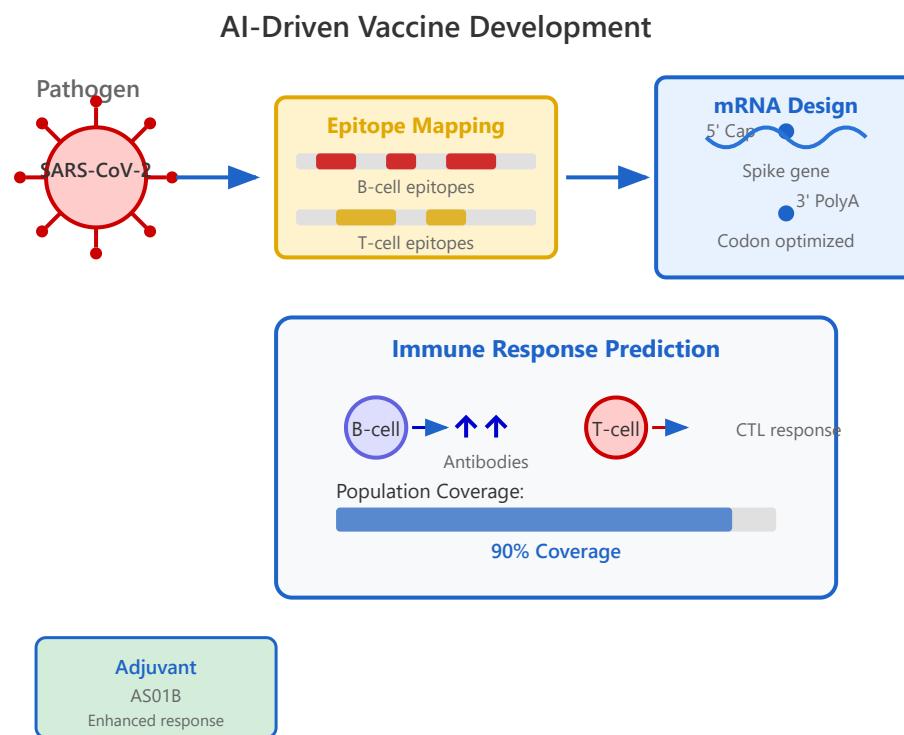


Vaccine Design



Epitope prediction

B-cell & T-cell epitopes

Immunogenicity

Immune response modeling

Coverage optimization

Population HLA diversity

Adjuvant selection

Enhance immune response

mRNA design

Codon optimization & stability