Ainnocence

Protein Design Engine

SentinusAI®

MODULES

DE NOVO PROTEIN DESIGN

PROTEIN-PROTEIN BINDING AFFINITY MATURATION
Therapeutic Antibody Affinity Maturation
Fusion Protein Engineering

THERAPEUTIC PROTEIN HUMANIZATION
Immunogenicity Assessment
Antibody Humanization

THERAPEUTIC PROTEIN OFF TARGET PREDICTION
Protein Off-target Toxicity Prediction

THERAPEUTIC PROTEIN DEVELOPABILITY
Stability Prediction of Sequence Optimization
Protein Post-translational Modification Site Prediction

APPLICATION SCENARIOS
Therapeutics Drug and Vaccine Design
Diagnostic Antibody Design
Synthetic Biology

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