

Protein Optimization

Do you need to improve your protein?

Do you need a more efficacious, safer, stable or less antigenic protein or would you like to turn an existing protein therapeutic into a second-generation product with best in class properties?

Work with us. You will benefit from using our innovative protein optimization platform. In just a few months we return your protein in optimized version, all according to your desire. Our dedication and long-term experience ensure you that a project will be completed on time and to your full satisfaction.

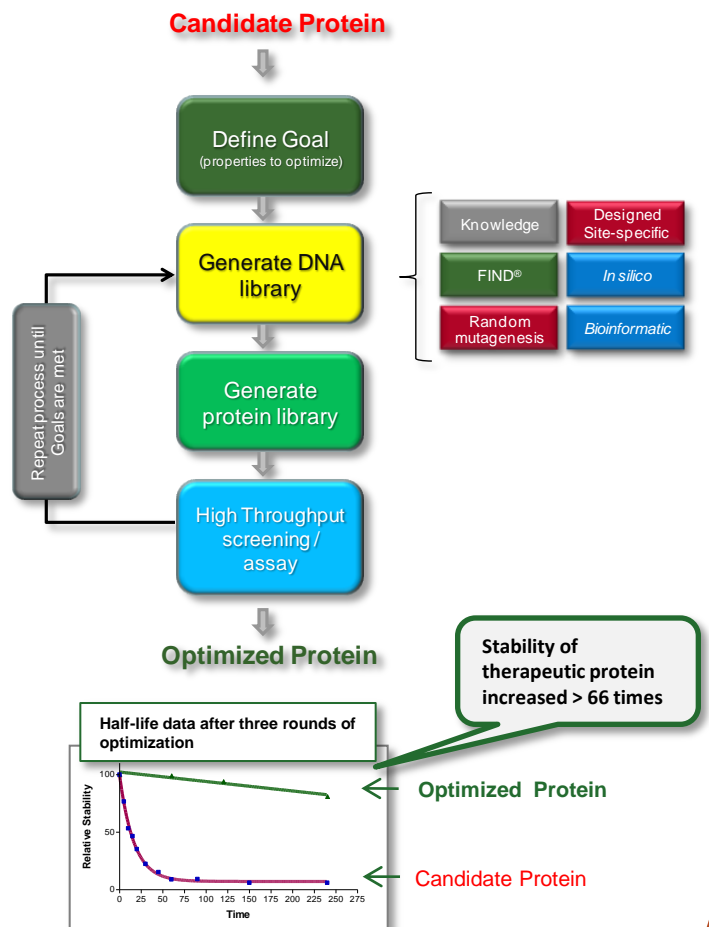
Protein properties that can be optimized

- Enzyme kinetics (K_m , k_{cat} , k_{cat}/K_m)
- Specificity
- Deimmunization (B-cell epitope removal)
- Selectivity
- Stability (serum, shelf-life, temperature, pH)
- Expression optimization
- Enantioselectivity
- Binding affinity
-and more

Platform Technology

Alligator Biosciences powerful, flexible and multiparameter *in vitro* based optimization technology creates functional protein libraries from which optimal versions of your protein can be selected.

The technology can redesign virtually any characteristics of a protein which can be translated into significant clinical benefits, including higher efficacy and potency, improved safety profile and decreased antigenicity.





About the Company

Alligator Bioscience serves the pharmaceutical and biotech industry and has successfully collaborated with industry leaders, including AstraZeneca, Bayer Healthcare and Wyeth, helping them to build more competitive pipelines.

Alligator Bioscience has expertise in:

- *in vitro* evolution
- developing assays
- high throughput expression
- high throughput screening

Contact details

If you have decided to explore the possibilities of your protein, please contact us. We are pleased to describe our offer, including time frames, costs and details about our platform technology.

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