



REVOLUTIONIZE YOUR DRUG DISCOVERY

WWW.HELIGENICS.COM

About Us

- **Heligenics' proven breakthroughs in biotechnology power our GigaAssay™ to deliver high-quality biologic leads – at accelerated 4x speed!**
- **Our GigaAssay generates a MEGA-MAP™ activity and variant landscape**
- **Outpace the competition – Heligenics supercharges biologics discovery that is scalable at a significantly lower cost**

Tackling Obesity: A Massive Opportunity

- **650+ million people affected worldwide**
- **Current clinical approaches and their limitations**
 - GLP-1 analogs & incretins, lipase inhibitors, appetite suppressants
 - **Limited potency** – requires increased dosing
 - **Immune response** reduces effectiveness
 - Nausea, diarrhea, and vomiting **drive patients away**
- **Challenges in new biologic drug development**
 - **High costs and long timelines** limit pre-clinical development
 - **Slow, tedious methods** are choking innovation and stalling lead discovery

GLP-1 Solution

Biobetter for Obesity: Analogs and Incretins

GigaAssay: proprietary technology that drives market-shifting cost savings.

- 4X faster
- 90%+ success in validation of lead¹ generation

Market Opportunity	Heligenics Solutions
Increase potency	Rapidly pinpoint potent biologics from 100k+ leads to reduce dosing and side effects
Improved stability	Discover stable leads that reduce dosing – no guesswork
Oral forms	Unlock oral delivery with innovative molecular tweaks and natural modifications
Customized biologics	MEGA-Map landscapes reveal full variant activity 4x faster than conventional single-track technology

¹prioritized drug candidates

Our GigaAssay Technology for Discovery of GLP-1 Drug Leads

Our patented GigaAssay rapidly screens >100k GLP-1 variants for precise, highly impactful results

- **Breakthrough efficiency: lower costs, faster launch**
- **Discovery and lead verification 4x faster than conventional methods**
 - Less than one year with GigaAssay vs US average of 4.5 years
 - Rapid asset validation: *A single GigaAssay will deliver up to 50 actionable leads in <1 year*
- **Tailored assays drive 90%+ projected clinical trial success**
- **GigaAssay accelerates lead validation with vast libraries and MEGA-Map landscapes**

How? – With the GigaAssay

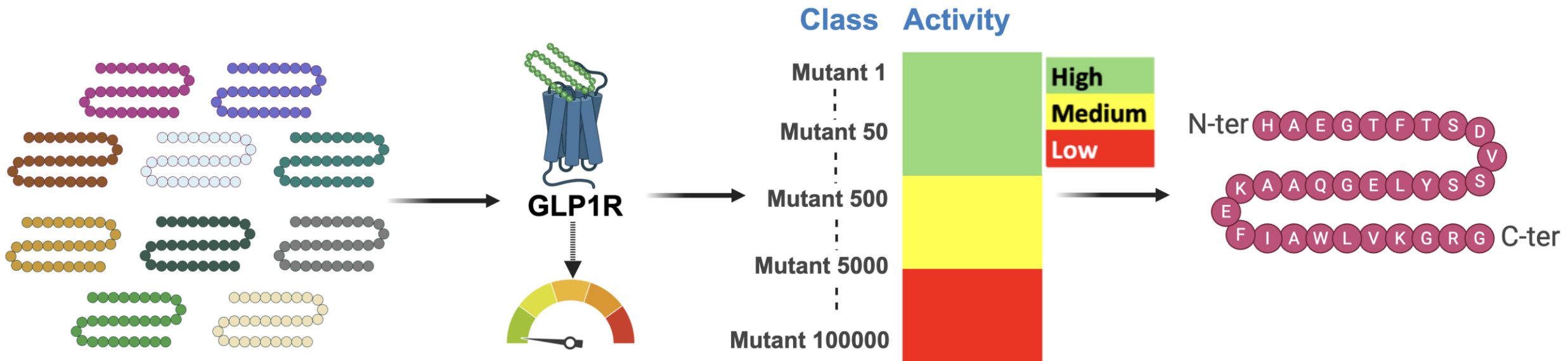
100k's of leads tested in human cells - *simultaneously*

>100k different GLP-1 leads simultaneously

Cell-based GigaAssay measures bioactivity

Visualize GigaAssay data output for bioactivity

Purify, verify, patent leads for clinical testing





THANK YOU

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