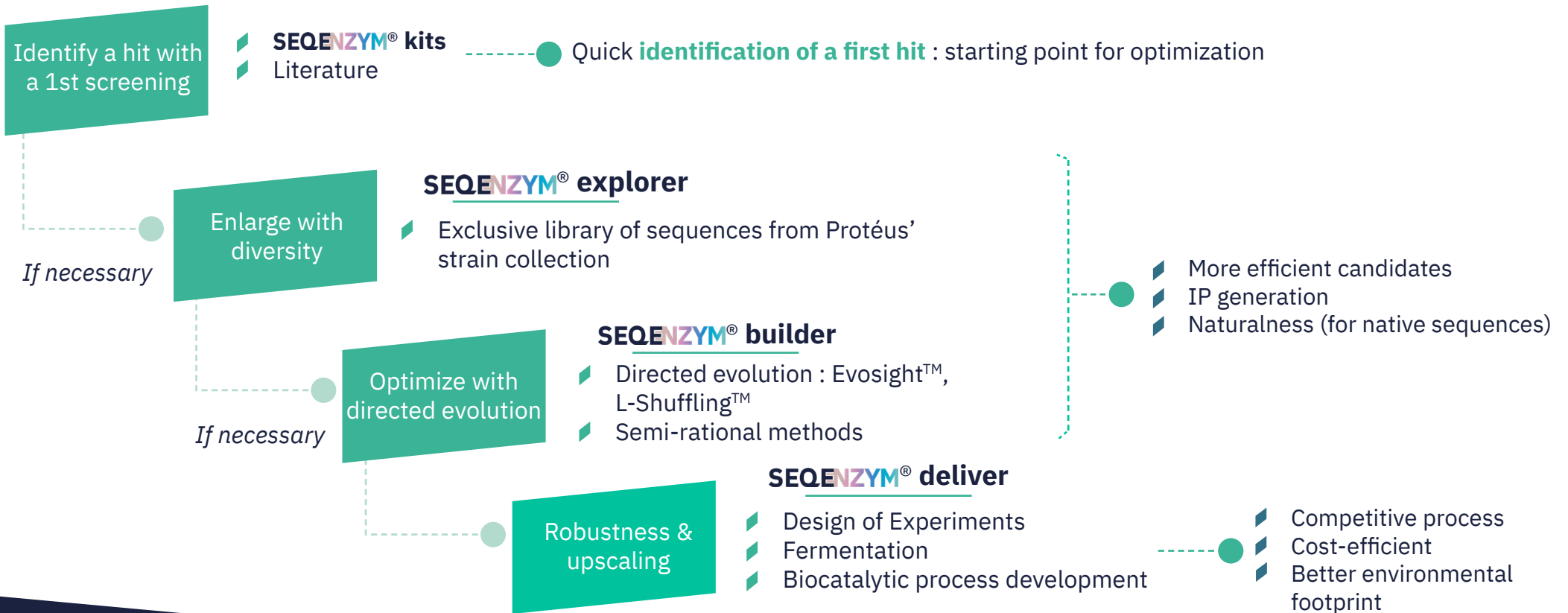


# BIOCATALYSIS SERVICES

## SEQENZYM® platform for Biocatalytic process development



### CONTACT

Tel: +33 (0) 4 66 70 64 64  
infoproteus@seqens.com

[WWW.PROTEUS.SEQENS.COM](http://WWW.PROTEUS.SEQENS.COM)

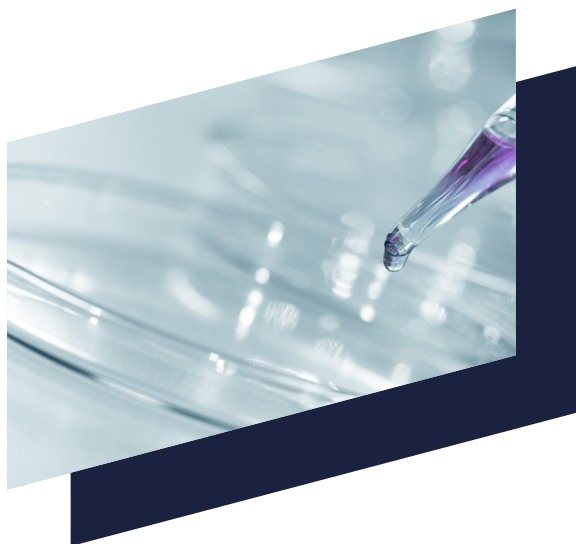


Protéus is a pioneer in enzyme optimization, the only EU-based company offering both **directed evolution** services and **large reaction capabilities** : your partner of choice to **develop & scale-up biocatalytic** processes from lab to commercial scale, for fine chemicals & pharmaceuticals.

# Biocatalysis from lab to industrial scale

## MICROBIOLOGY SCREENING OF SEQUENCES

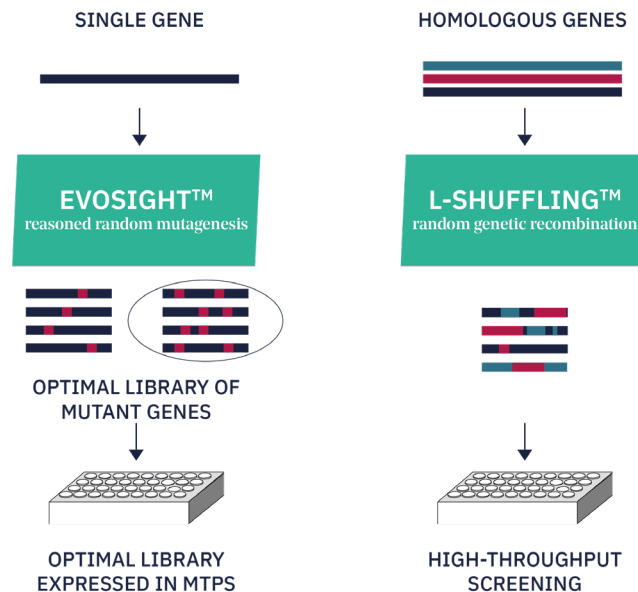
- Exclusive collection of strains incl. extremophiles and microalgae. Bioinformatic screening among **>1000 sequenced genomes** to select specific enzymatic activities.
- High naturalness processes from efficient native enzymes.



Identify from Nature's diversity the best performing native enzymes

Food, Feed, Cosmetics, Nutraceuticals

## PROTEIN ENGINEERING TAILOR-MADE ENZYMES



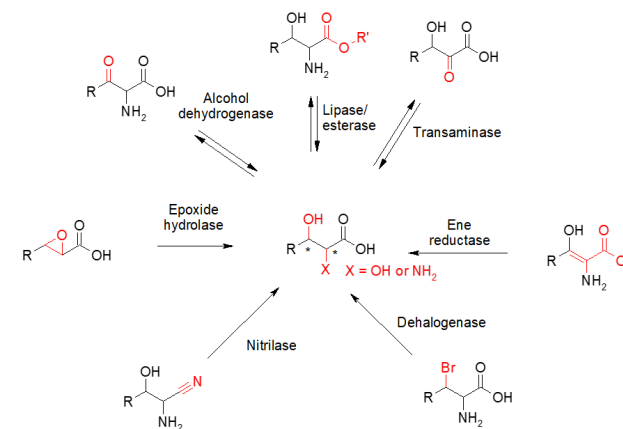
- Directed evolution using proprietary technologies: Evosight™ and L-Shuffling™
- Effective methods for activity screening (Clipso® substrates)

Powerful tools for improving enzyme efficiency for target application

Pharma, Flavours & Fragrances, Agrisciences

## BIOCATALYTIC PROCESS DEVELOPMENT GRAMS TO MULTITONS

- Enzyme library of >350 enzymes, for chiral and complex molecules synthesis
- Ten diverse enzymes family available through our SEQENZYM® Kits
- Design of Experiments for Bioprocess development
- IP development
- Scale-up & tech transfer
- Multi-ton production for API and fine chemicals within Seqens CDMO capabilities



Highly selective biocatalytic steps for increased competitiveness

Pharma, Fine chemicals