CUSTOM GENOMIC SERVICES

DIRECT CAPTURE OF LARGE DNA FRAGMENTS
- DCLD TECHNOLOGIES

New

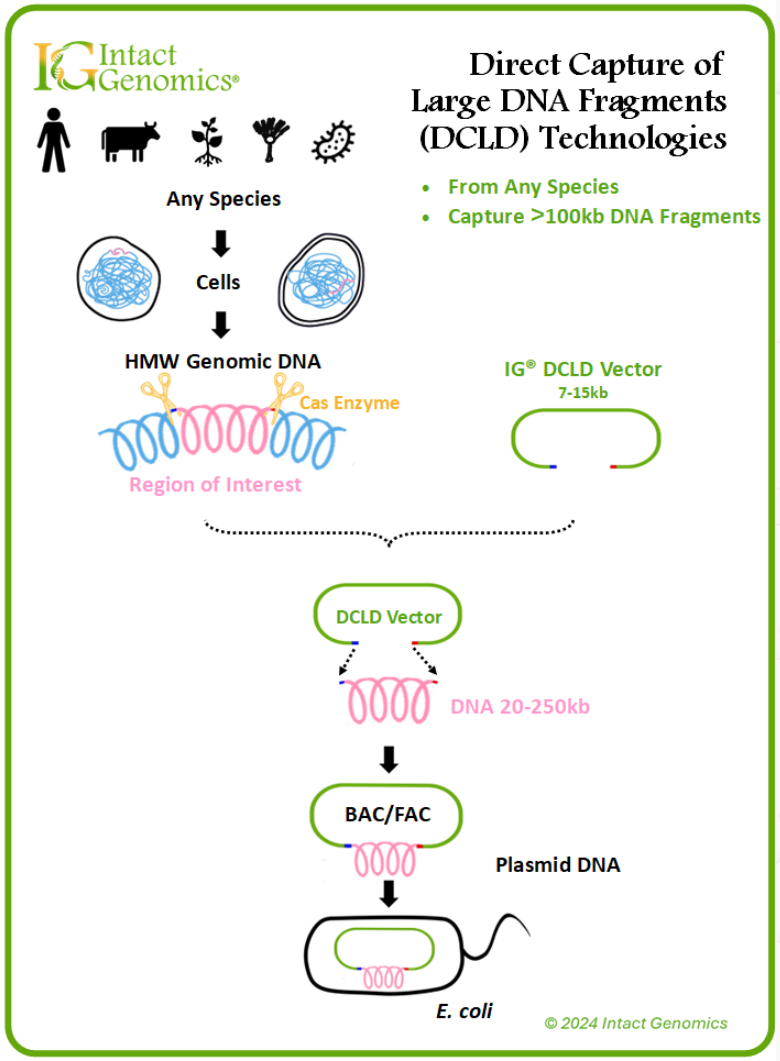
The newly developed ***Direct Capture of Large Intact Genome DNA*** technologies from Intact Genomics are powerful tools in genomic research that enable selective and efficient isolation of large genomic regions, including full-length genes from complex genomes. This technique can directly capture specific DNA sequences from any species, making it invaluable for the development of biotechnology, biotherapeutics, and personalized healthcare.

Feature & Benefits

- ***Comprehensive*** - Direct capture of large DNA fragments from any species
- ***Efficient*** - No need to build and screen DNA libraries
- ***Fast*** - Cuts 1-2 years to 2-4 weeks
- ***Cost-Effective*** - Uses less materials and storage space
- ***Accurate*** - Only target fragments are captured. Avoids errors from library contamination and false screening results
- ***Scalable*** - Repeatable & easy to expand

Applications

- Studying Genomic Regions of Many Species
- Functional Genomics
- Disease Studies with Patient Samples
- Gene Therapy
- Drug Lead Compound Discovery
- Synthetic Biology



Service Name	Cat #
Direct Capture of Large DNA Fragment	9666
Custom Vector Construction	9630
Custom Primers Design	9634
HMW DNA Preparation	9010

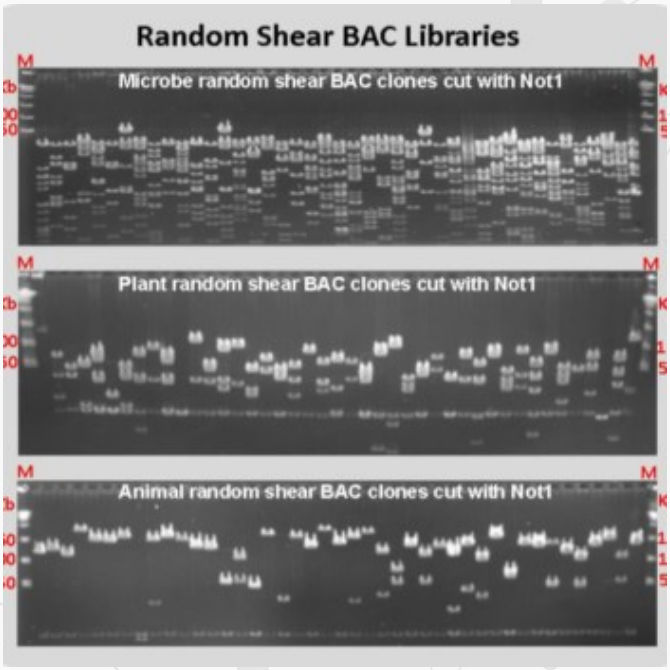
Expert Support: Our team is available to assist you at every stage, from initial design to final analysis, ensuring your project's success.

Contact us today!

Sales@intactgenomics.com

DNA PREPARATION, LIBRARY CONSTRUCTION & SCREENING

Intact Genomics (IG®) is a world leader in large DNA fragment cloning and metagenomic technologies. We provide high-quality custom genomics services including DNA preparation, large insert DNA cloning, manipulation, BAC library construction and screening services to help scientists explore the genome structure and function of microorganisms, plants and animal species.

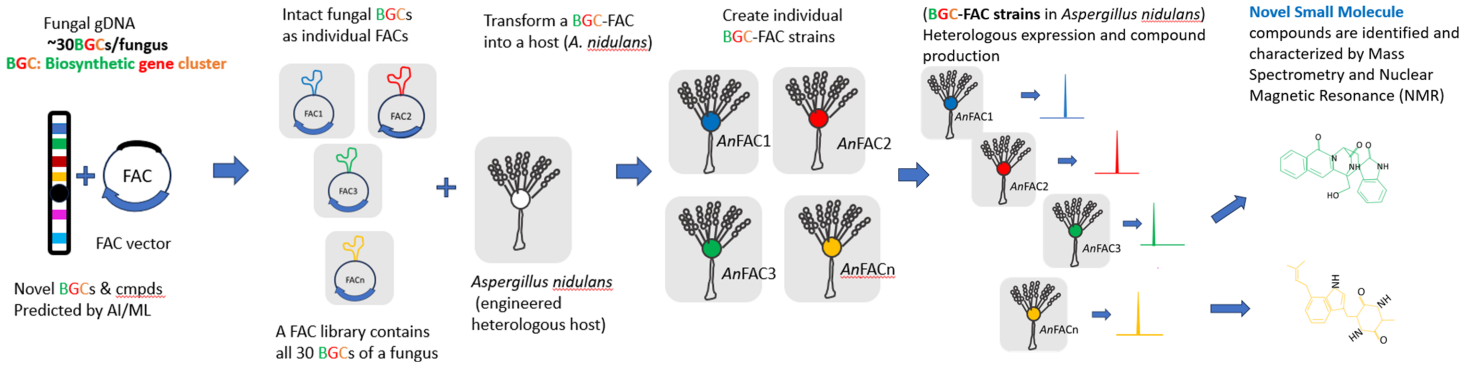


IG® Unbiased Random Shear BAC libraries without gaps, complete coverage, dramatically reduced finishing costs.

Service Name	Cat #
HMW DNA Preparation	9010
BAC DNA Preparation	9011
High-Throughput DNA Preparation	9012
Custom Vector Construction	9630
Random Shear BAC Library	9021
Partial Digestion BAC Library	9022
Fosmid Library	9023
BAC Engineering	9620
Large-Insert DNA Cloning and Manipulation	9610
Colony Picking	9031
Colony Duplication	9032
3D DNA Pools	9034

FUNGAL ARTIFICIAL CHROMOSOME (FAC)

Novel drug, antimicrobial discovery pipeline from fungi



Awarded ***U.S. Patent No. 10,337,019*** (2019) and ***China Patent No. 201710302226.0*** (2022)

Call us today to speak with our experts!