

CUSTOM COMPETENT CELLS, ENZYMES & PROTEINS



The scientists at Intact Genomics are the premier experts in competent cells and proteins/enzymes production. Our highly experienced team of scientists provide outstanding personalized service, fast turnaround times, and the most reasonable prices in the industry.

As an ISO 13485:2016 certified business, we take pride in what we do and how we do it. Each new lot of our products is tested to ensure it meets the quality standards and specifications designated for the product. From complex research and development to mass production, we are your go-to for your next big project.

Service Name	Cat #
Custom Competent Cells	9660
Custom Proteins/Enzymes	9680
RPA Enzymes Customization	9688

High-Quality Custom Competent Cells

- **Any Strain** – Custom Competent Cells from any E. coli or other strain.
- **Format Flexibility** – You choose the aliquot size, tube, or 96 well plate.
- **High Transformation efficiency** – Proprietary methods ensure cells provide the highest efficiency.
- **Affordable Pricing** – Save customer time & costs
- **Quick Turnaround** – Receive your strain, optimize transformation and provide results within a week.

End-to-end Protein Expression & Purification

- Vector construction
- Expression optimization
- Purification by AKTA FPLC
- Protein Characterization & Analysis
- Endotoxin testing & Removal



Please contact sales@intactgenomics.com
for a no-obligation, custom service request

DIRECT CAPTURE OF LARGE DNA FRAGMENTS
- DCLD TECHNOLOGIES



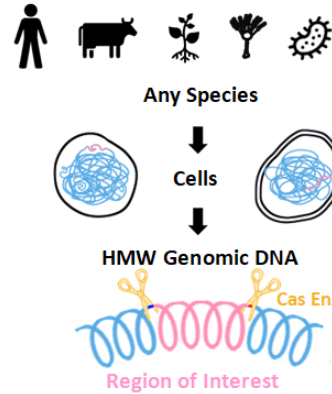
The newly developed *Direct Capture of Large Intact Genome DNA* technologies from Intact Genomics are powerful tools in genomic research that enable selective and efficient isolation of large genomic regions, including full-length genes from complex genomes. This technique can directly capture specific 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

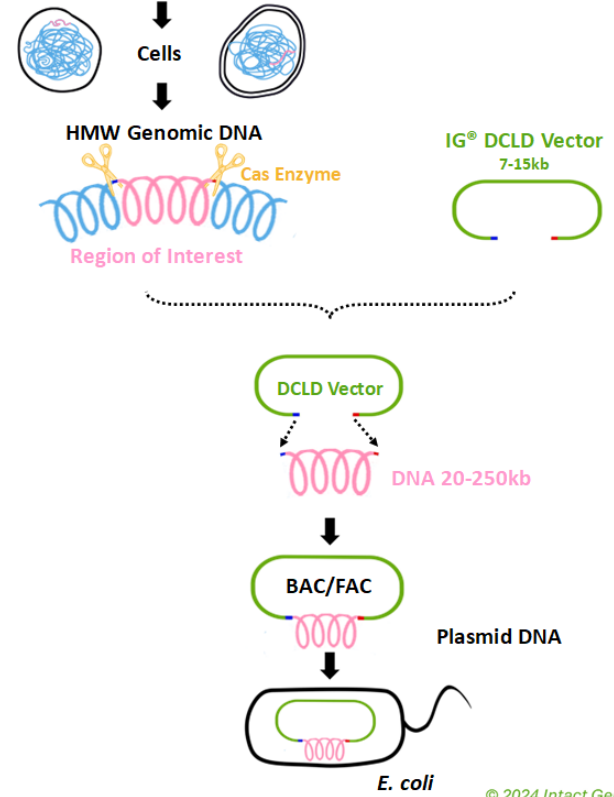
Applications

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



Direct Capture of Large DNA Fragments (DCLD) Technologies

- From Any Species
- Capture >100kb DNA Fragments



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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.

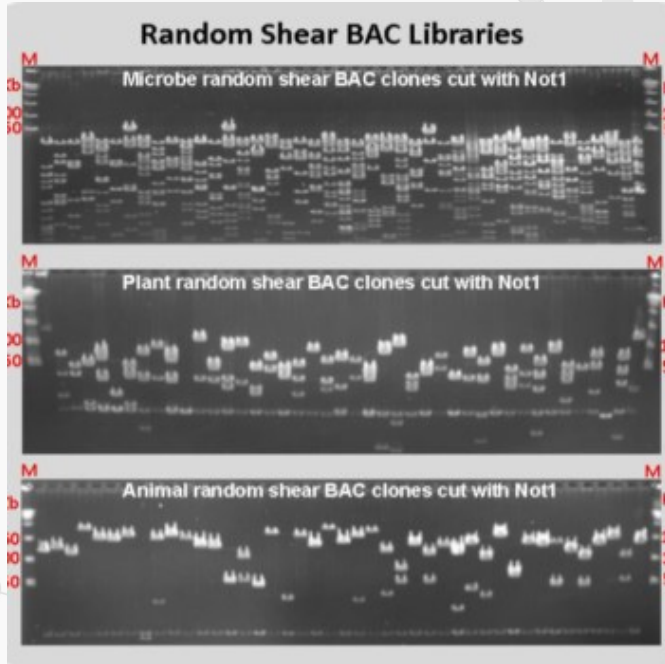
Contact us today!

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
DNA MiniPreparation	9013
Transformation	9014
Custom Vector Construction	9630
Random Shear BAC Library	9021
Partial Digestion BAC Library	9022
Fosmid Library	9023
BAC Engineering	9620
Colony Picking	9031
Colony Duplication	9032
3D DNA Pools	9034
Direct Large DNA Fragment Capture	9900



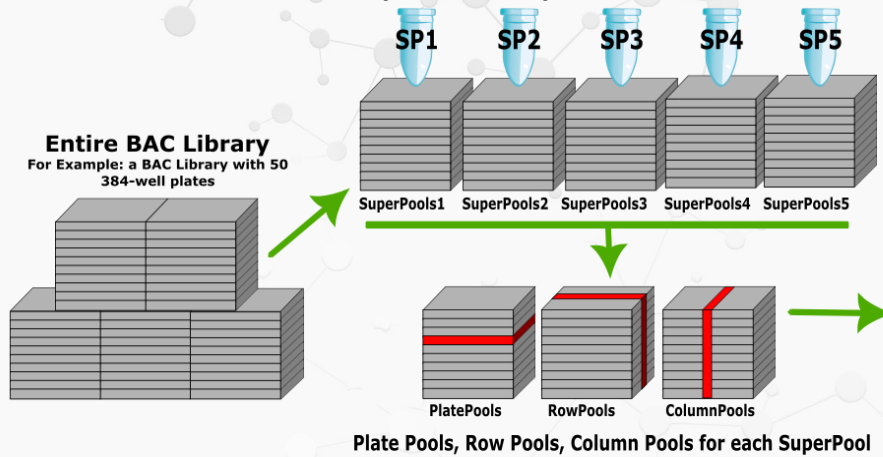
3D DNA Pools for Library Screening

Find your targeted clone in as few as 51 PCR reactions | No radioactivity needed | Fast, simple and accurate

SuperPools & SuperPools DNA Collection Tubes

Plate-, Row-, Column-Pools Collection Plate

For Example: SuperPool 1(SP1) includes Plate Pools: P1-P10, Row Pools: RA-RP, Column Pools: C1-C24



	1	2	3	4	5	6	7	8	9	10	11	12
A	SP1	P1	P9		RA	RI		C1	C9	C17		
B	SP2	P2	P10		RB	RJ		C2	C10	C18		
C		P3			RC	RK		C3	C11	C19		
D			P4	+	RD	RL		C4	C12	C20		
E			P5	-	RE	RM		C5	C13	C21		
F			P6		RF	RN		C6	C14	C22		
G			P7		RG	RO		C7	C15	C23		
H			P8		RH	RP		C8	C16	C24		



Call us (314-942-3655) today to speak with our experts!