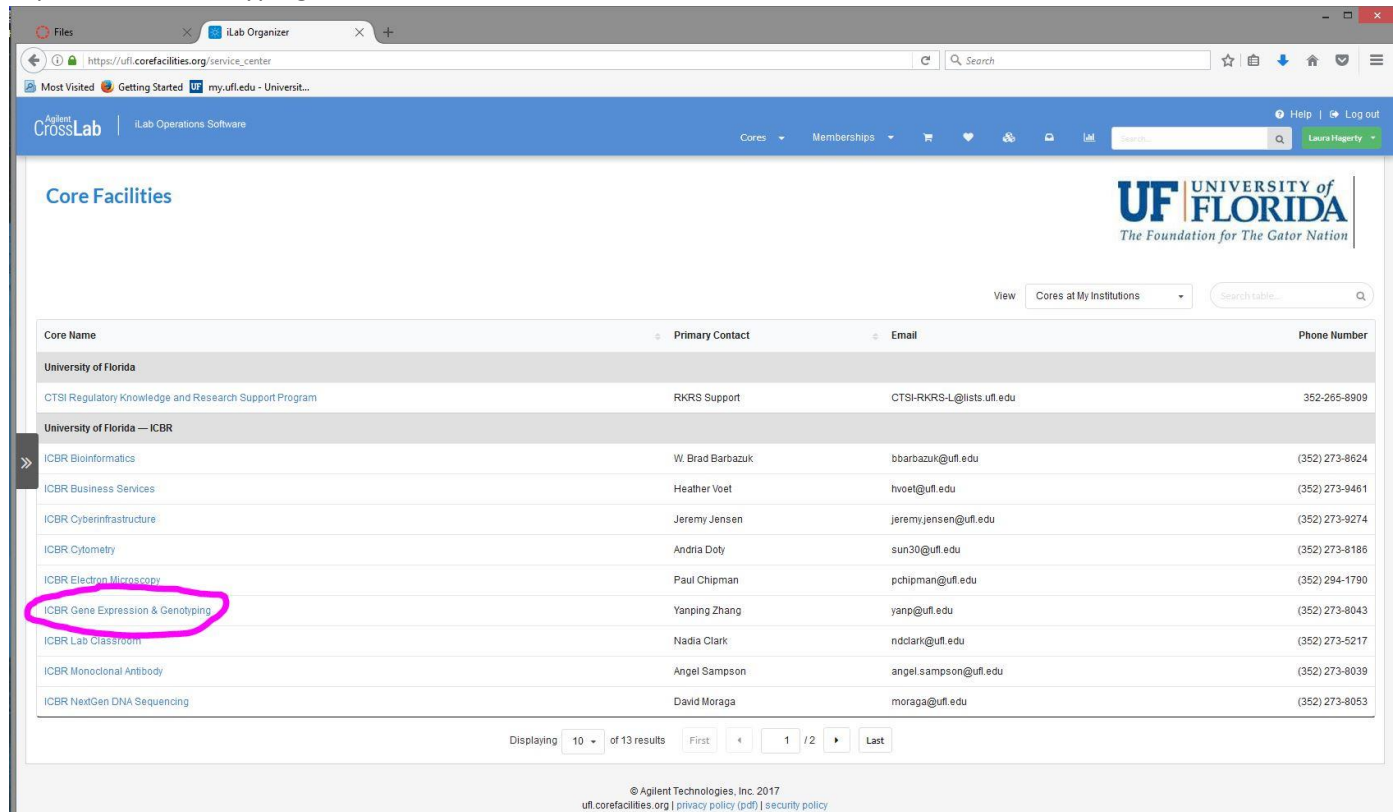


## Featured Project: Genotyping--Fragment Analysis

1. After creating an account and logging in, navigate to our core by clicking “list all cores”, then selecting ICBR Gene Expression & Genotyping.

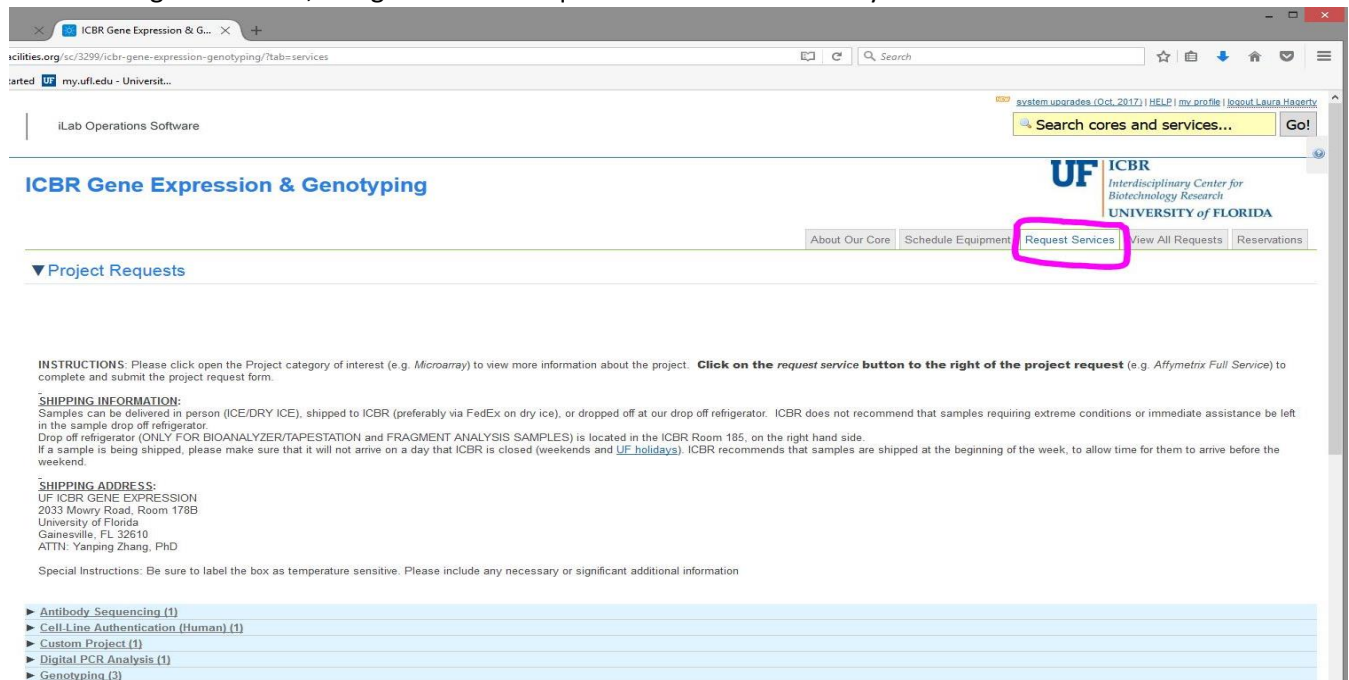


The screenshot shows the 'Core Facilities' page on the iLab/CrossLab system. The page is titled 'Core Facilities' and features a table of available services. The 'ICBR Gene Expression & Genotyping' core is highlighted with a pink circle. The table lists the following information:

Core Name	Primary Contact	Email	Phone Number
<b>University of Florida</b>			
CTSI Regulatory Knowledge and Research Support Program	RKRS Support	CTSI-RKRS-L@lists.ufl.edu	352-265-8909
<b>University of Florida — ICBR</b>			
ICBR Bioinformatics	W. Brad Barbazuk	bbarbazuk@ufl.edu	(352) 273-8624
ICBR Business Services	Heather Voet	hvoet@ufl.edu	(352) 273-9461
ICBR Cyberinfrastructure	Jeremy Jensen	jeremy.jensen@ufl.edu	(352) 273-8274
ICBR Cytometry	Andria Doty	sun30@ufl.edu	(352) 273-8186
ICBR Electron Microscopy	Paul Chipman	pchipman@ufl.edu	(352) 294-1790
ICBR Gene Expression & Genotyping	Yanping Zhang	yanp@ufl.edu	(352) 273-8043
ICBR Lab Classrooms	Nadia Clark	ndclark@ufl.edu	(352) 273-5217
ICBR Monoclonal Antibody	Angel Sampson	angel.sampson@ufl.edu	(352) 273-8039
ICBR NextGen DNA Sequencing	David Moraga	moraga@ufl.edu	(352) 273-8053

The page also includes a search bar, a 'View' dropdown menu set to 'Cores at My Institutions', and a 'Search table...' input field. At the bottom, it shows 'Displaying 10 of 13 results' and navigation links for 'First', '1 / 2', and 'Last'.

2. After clicking on the core, navigate to the “Request Services” tab where you will see a list of our services offered.



The screenshot shows the 'ICBR Gene Expression & Genotyping' page. The 'Request Services' tab is highlighted with a pink circle. The page displays a list of services offered by the core, including:

- Antibody Sequencing (1)
- Cell Line Authentication (Human) (1)
- Custom Project (1)
- Digital PCR Analysis (1)
- Genotyping (3)

The page also includes a search bar, a 'Go!' button, and a 'Request Services' button. The 'Request Services' button is highlighted with a pink circle. The page also includes a 'Project Requests' section with instructions on how to submit a request.

**INSTRUCTIONS:** Please click open the Project category of interest (e.g. Microarray) to view more information about the project. **Click on the request service button to the right of the project request** (e.g. Affymetrix Full Service) to complete and submit the project request form.

**SHIPPING INFORMATION:**  
Samples can be delivered in person (ICE/DRY ICE), shipped to ICBR (preferably via FedEx on dry ice), or dropped off at our drop off refrigerator. ICBR does not recommend that samples requiring extreme conditions or immediate assistance be left in the sample drop off refrigerator.  
Drop off refrigerator (ONLY FOR BIOANALYZER/TAPESTATION and FRAGMENT ANALYSIS SAMPLES) is located in the ICBR Room 185, on the right hand side.  
If a sample is being shipped, please make sure that it will not arrive on a day that ICBR is closed (weekends and [UF holidays](#)). ICBR recommends that samples are shipped at the beginning of the week, to allow time for them to arrive before the weekend.

**SHIPPING ADDRESS:**  
UF ICBR GENE EXPRESSION  
2033 Mowry Road, Room 178B  
University of Florida  
Gainesville, FL 32610  
ATTN: Yanping Zhang, PhD

Special Instructions: Be sure to label the box as temperature sensitive. Please include any necessary or significant additional information

3. Scroll to the category of the project you want, and click the triangle to drop down more information. Select “Initiate Request” after reviewing the description and ensuring this is the correct project.

ICBR Gene Expression & Genotyping

refacilities.org/sc/3299/icbr-gene-expression-genotyping/?tab=services

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About Our Core | Schedule Equipment | Request Services | View All Requests | Reservations

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► Antibody Sequencing (1)  
► Cell Line Authentication (Human) (1)  
► Custom Project (1)  
► Digital PCR Analysis (1)  
▼ Genotyping (G)  
Fragment Analysis (Genotyping)  
Genotypic characterization using the Advance FS96 and AB3730 (96 capillary technology).  
There are 3 different dye settings available 1) 6-FAM, VIC, NED and PET; 2) 5-FAM, JOE and NED; 3) 6-FAM, HEX and NED.

Other Genotyping Services (Genotyping)  
A variety of genotypic characterization services are offered. Customers can request primer design, microsatellite sample preparation, AFLP PCR, genotyping by qPCR, large-scale mouse genotyping with mouse tails or ear punches. Customers can also provide ready-to-run samples as dye-labeled pools for analysis on select instruments.

STR Analysis (Genotyping)  
1. STR analysis using the PowerPlex® 16 HS System from Promega.  
2. The PowerPlex® 16 HS System allows co-amplification and three-color detection of sixteen loci (fifteen STR loci and Amelogenin), including Penta E, D18S51, D21S11, TH01, D3S1358, FGA, TPOX, D8S1179, vWA, Amelogenin, Penta D, CSF1PO, D16S539, D7S820, D13S317 and D5S818.  
3. The samples will be processed on either ABI 3130XL or ABI 3730 Genome Analyzer.  
4. Data will be analyzed using GeneMapper® v4.0 software.  
5. Positive and negative controls will be run.

► Microarray (4)  
► RNA DNA QC (3)

Initiate request

4. Type your name into the search bar, your institution/lab should appear as well. Select it and click “Proceed.”

ICBR Gene Expression & Genotyping

facilities.org/sc/3299/icbr-gene-expression-genotyping/?tab=services

Started [my.ufl.edu - Universit...](#)

iLab Operations Software

system upgrades (Oct. 2017) | HELP | my profile | Logout Laura Hagerty

Search cores and services... Go!

UF ICBR  
Interdisciplinary Center for  
Biotechnology Research  
UNIVERSITY OF FLORIDA

About Our Core | Schedule Equipment | Request Services | View All Requests | Reservations

**Fragment Analysis**

person search within: ☐ current customers ☐ this institution ☒ all

Laura Hagerty ICBR Gene Expression & Genotyping Core (UF) Lab laura.hagerty@ufl.edu (352) 273-8055

Proceed

Cancel

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ufl.com/facilities.org | [privacy policy](#) | [terms of use](#) | [security policy](#)

5. Fill out the details of this form, using the drop down triangles to select options, and upload the template worksheet with your sample names. Click the template to download it and fill it in as necessary. Do not worry about the request name ICBR-GE-[CID], this will auto-complete upon submission.

ICBR Gene Expression & Genotyping

Request Name: ICBR-GE-[CID]  
 Customer: Laura Hagerty Lab: ICBR Gene Expression & Genotyping Core (UF) Lab  
 Email: laura.hagerty@ufl.edu Phone: (352) 273-8055

Labels

1) Forms and Request Details

View Form: Fragment Analysis Form

Please complete the form below and click 'save completed form' to provide the core with details regarding your request. Required fields are marked by a red star.

Number of Samples: 48  
 Dye Set: DS-33 (6-FAM VIC NED PET LIZ used for size standard)  
 Size Standard: Liz 600

Note: All samples must be submitted in either 96 well plates or PCR strip tubes with a minimal volume of 10ul. They must be clearly labeled.

Data Delivery Format:

Sample Information Instructions: Please download and complete the Fragment Analysis Template below. Enter your plate name in the appropriate space. Do not worry about the GAL ID as that is for our internal records. Enter the name of your samples in column B according to the sample's position in the plate-well. DO NOT use symbols (including dashes), punctuation, or spaces. You can use an underscore to put spaces into your sample name. If you have less than 96 samples please fill in the well without samples with the word "empty" rather than leaving it blank. Please check over your spreadsheet for accuracy, save, and upload.

Fragment Analysis Template  
 Please upload completed template: [Fragment\\_Template\\_96\\_well\\_2016.xlsx](#)  
 please upload

Sample Drop Off Instruction: Please leave your sample plates labeled with iLab ID, PI/Research Name and Date in the freezer (located in Room 185, right hand side near the door). There is a "Fragment Analysis" drop off sign in front of the freezer. Please also fill in the "Sample Drop Off Log".

Use of ICBR services constitutes acceptance and agreement to abide by ICBR Terms and Conditions. [ICBR Terms and Conditions](#)

Save Progress

- Save your form if you have finished it, or save a draft to come back to later. Input your payment information, using the account or credit card that you would like to project billed to. When you are finished, either submit the request to our core, or save a draft if it is not complete.

ICBR Gene Expression & Genotyping

Please save your form! [save completed form](#) [save draft of form](#) [lock and save form](#)

Service	Description	Note	Status
Schedule Consultation	description: click to edit	note: click to edit	Not Started
Receive Sample(s)	description: click to edit	note: click to edit	Not Started
Capillary Run	description: click to edit	note: click to edit	Not Started
Deliver Raw Data	description: click to edit	note: click to edit	Not Started

You have no issued vouchers to apply.  
[add service](#) [add charge](#) [add form](#) [add milestone](#) [change order](#) [add event](#)  
 Build a quote, or add components to a new or running request using the 'add' links above.

2) Cost

Please provide the customer with a final quote for this request. The quote will be based on the services and charges you have added above and any "buffer" you have added. The "buffer" amount is for services or charges that you have not yet defined but that you expect to arise during the course of the request.

Add value or percent buffer:  
 as percentage: amount: 0 %

Quote (total predicted cost):  
 \$0.00 (automatic total of any services, charges or buffer added to this request)

3) Payment Information

Please enter the UF Chartfield  
 UF Chartfield Select UF Chartfield...  
 enter additional payment information

Skip approval? ☐

[submit request to researcher](#) [save draft request](#) [Cancel](#)

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7. You are now finished, and should receive an email from [no-reply@ilabsolutions.com](mailto:no-reply@ilabsolutions.com) with a copy of your form and a GE-ID number which we will use to track your project. Please print the form and bring it with you when you deliver your samples.
8. Drop off your samples and form with GE-ID to ICBR Gene Expression & Genotyping Core, located in CGRC Room 178B. If you are shipping your samples, please be sure to include your name, your institution/lab, and GE-ID. We recommend sending temperature-sensitive samples on dry ice. Please clearly address the package as follows:

UF ICBR GENE EXPRESSION  
2033 Mowry Road, Room 178B  
University of Florida  
Gainesville, FL 32610  
ATTN: Yanping Zhang, PhD

*If you have any additional questions, please feel free to contact our core at (352)-273-8036, or email us at [ICBR-GeneExpression@ad.ufl.edu](mailto:ICBR-GeneExpression@ad.ufl.edu). Thank you!*