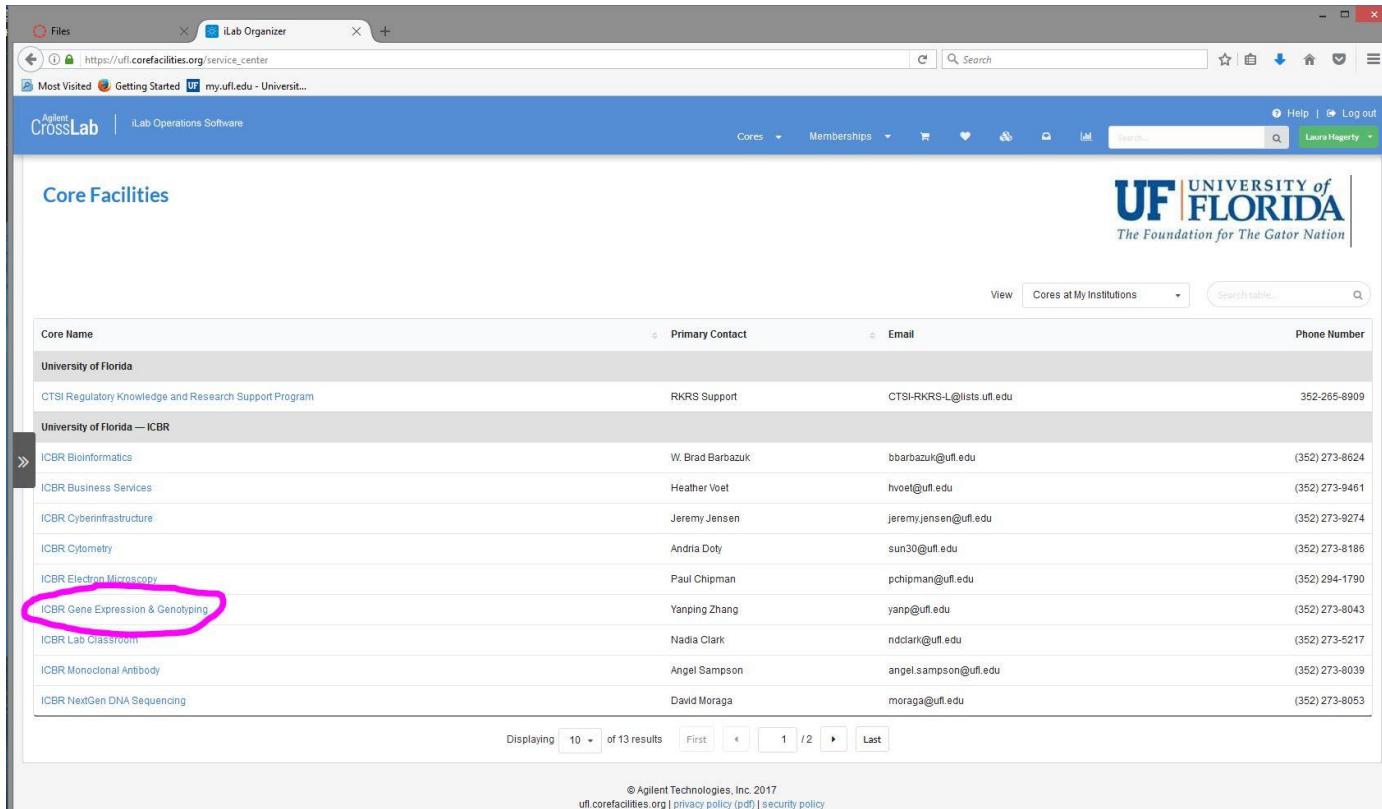


Featured Project: Genotyping--Fragment Analysis

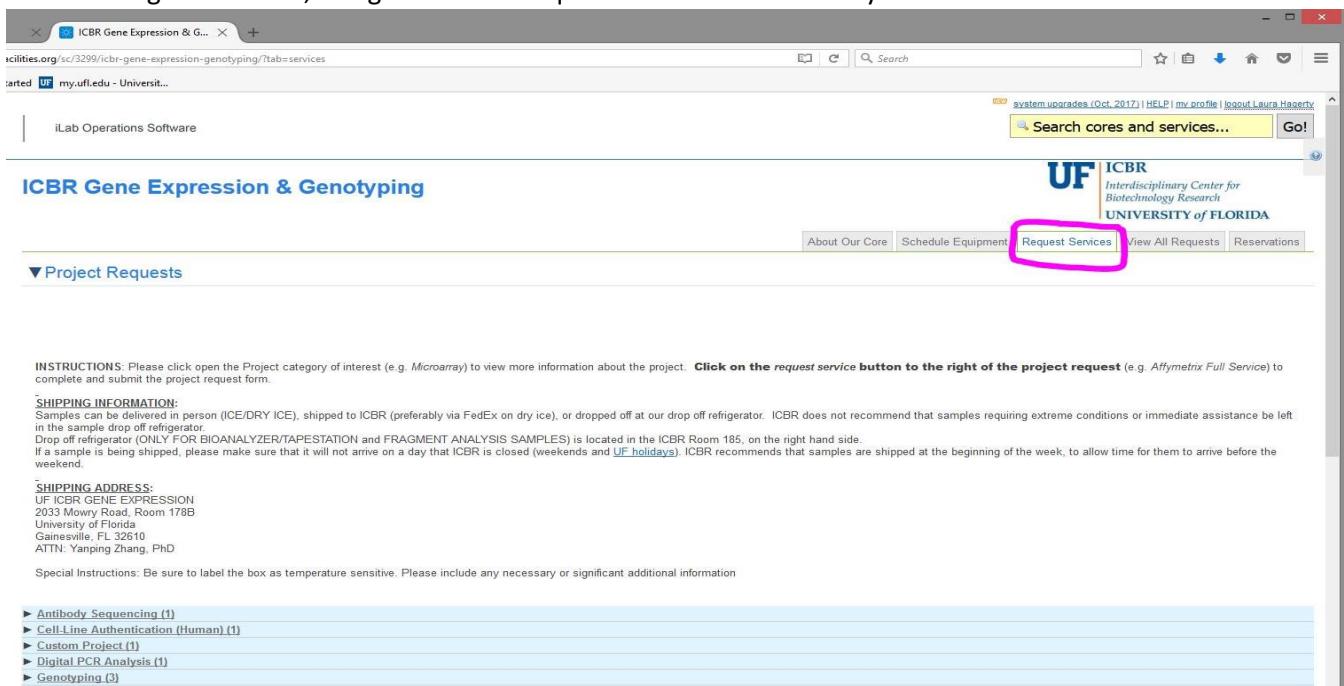
- After creating an account and logging in, navigate to our core by clicking “list all cores”, then selecting ICBR Gene Expression & Genotyping.



The screenshot shows a web browser window with the URL https://uf.corefacilities.org/service_center. The page is titled 'Core Facilities' and lists various cores. The 'ICBR Gene Expression & Genotyping' core is circled in pink. The table includes columns for Core Name, Primary Contact, Email, and Phone Number. The 'ICBR Gene Expression & Genotyping' core is listed with Primary Contact Yanping Zhang, Email yanp@ufl.edu, and Phone Number (352) 273-8043.

Core Name	Primary Contact	Email	Phone Number
University of Florida	RKRS Support	CTSI-RKRS-L@lists.ufl.edu	352-265-8909
University of Florida — ICBR			
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) 273-9274
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 Classroom	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

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



The screenshot shows a web browser window with the URL <https://uf.corefacilities.org/sc/3299/icbr-gene-expression-genotyping/?tab=services>. The page is titled 'ICBR Gene Expression & Genotyping' and shows a 'Project Requests' section. The 'Request Services' tab is highlighted with a pink circle. The page includes instructions, shipping information, and a list of service categories.

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.

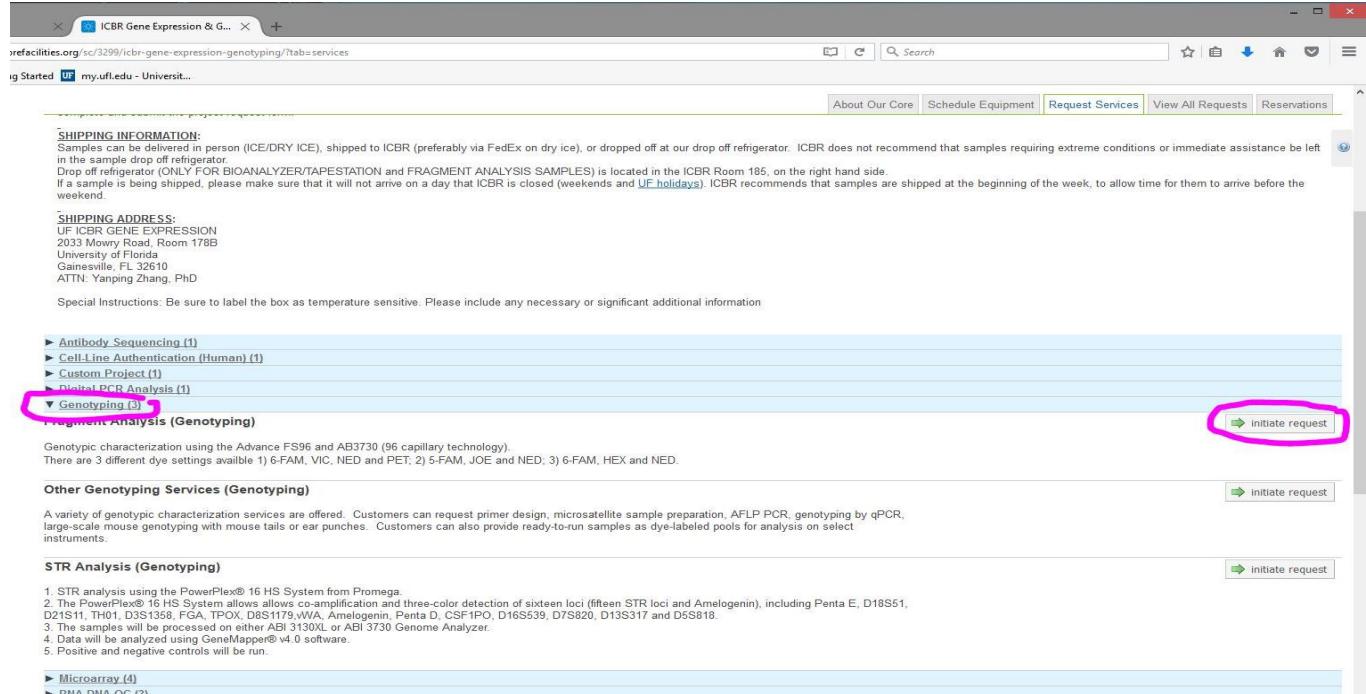
SHIPPING ADDRESS:
UF ICBR GENE EXPRESSION
2033 Mowry Road, Room 178B
University of Florida
Gainesville, FL 32610
ATTN: Yanping Zhang, PhD

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

Request Services (highlighted)

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

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.



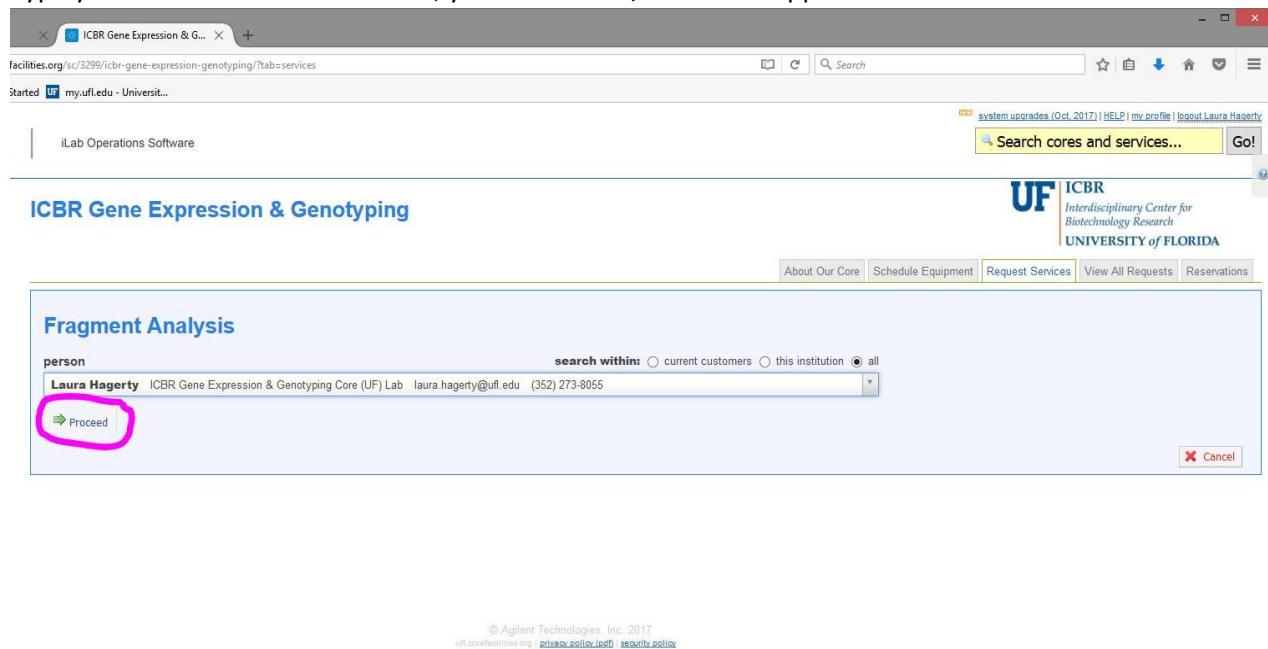
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► Antibody Sequencing (1)
► Cell Line Authentication (Human) (1)
► Custom Project (1)
► Digital PCR Analysis (1)
▼ Genotyping (3)
► Fragment Analysis (Genotyping)
Genotypic characterization using the Advance FS96 and AB3730 (96 capillary technology).
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 genotyping 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)

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



ICBR Gene Expression & Genotyping

UF ICBR
Interdisciplinary Center for
Biotechnology Research
UNIVERSITY OF FLORIDA

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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uft.corefacilities.org | [privacy policy \(pdf\)](#) [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 Haggerty Lab: ICBR Gene Expression & Genotyping Core (UF) Lab
 Email: laura.haggerty@ufl.edu Phone: (352) 273-8055

Labels

1) Forms and Request Details

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:
 ★ 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

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.

6. 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.

Please save your form!

Schedule Consultation note: click to edit
 Receive Sample(s) note: click to edit
 Capillary Run note: click to edit
 Deliver Raw Data note: click to edit

You have no issued vouchers to apply.

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 %
 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
 enter additional payment information
 Skip approval?

7. You are now finished, and should receive an email from 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. Thank you!