

IGD detailed sample submission spec

- Would like to resemble Core website and be stored in the same database as theirs.
- 1) login:

Login Form

User Name	<input type="text"/>
Password	<input type="password"/>

[Create a new account](#)

[Reset your password](#)

Core Laboratory Center News

- ▶Upstate New York Illumina User Group Meeting
- ▶CMM/NBTC Minicourse Series this spring

- 2) Pick your service and project and create new order:
 - Pick project from their list
 - Select service:
 - Optimization
 - Production
 - R&D
- 3) Select payment:

The screenshot shows a web form with two main sections. The first section is titled "Select a Stored Payment Method" and contains four identical radio button options, each labeled "Cornell Account" with a redacted account number. Below each radio button is the address: "157 Biotechnology Bldg., Ithaca, NY 14853, United States" and the phone number "607-254-4849". A "Submit" button is located below these options. The second section is titled "Or Enter New Billing Information" and contains a radio button labeled "Use this new billing information". Below this is a dropdown menu labeled "Select a payment option:" with the text "Select One..." and a downward arrow.

Optimization Project

- 4) Fill in sample info
 - Fill out species- we edit and this becomes part of species list for production
 - Fill in sample name
 - DNA Vol
 - DNA conc
 - Upload gel

Illumina GA Sequencing

Order Fields

Comment

Instrument

Paired End

Run Length

Multiplex

Organism

Library Preparation

Sample Fields

Select For Deletion	Sample Name	Lanes	conc(ng/ul)	vol(ul)	Comment
<input type="checkbox"/>	<input type="text"/>	<input type="text" value="1"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Actions

Production Project

- 4) Fill in sample info
 - Enzyme/Multiplex (choose ≥ 1)
 - Deliverables (Raw data, Hapmap from UNEAK pipeline, Hapmap from Reference pipeline) (choose mult. OK)
 - Kingdom
 - Upload spreadsheet with plate(s) info (download template and instructions?)
 - Plate Name
 - Sample Name
 - Well
 - Pedigree
 - Population
 - Stock Number
 - Concentration
 - Volume
 - Amount (ng)
 - Taxonomy, but how to deal with so entered in database correctly? (Phylum, Class, Order, Family, Genus, Species, Subspecies, Variety)
 - Upload gel image

Order Fields

Comment

Instrument

Paired End

Run Length

Multiplex

Organism

Library Preparation

Sample Fields

Select For Deletion	Sample Name	Lanes	conc(ng/ul)	vol(ul)
<input type="checkbox"/>	<input type="text"/>	<input type="text" value="1"/>	<input type="text"/>	<input type="text"/>

Actions

(Optional) Upload text file with sample names:

Create a text file with one sample name on each line in the order shown below.
Please note, anything besides letters, numbers, and underscores will be stripped from names and

Well	Name
A01	<input type="text"/>
B01	<input type="text"/>
C01	<input type="text"/>
D01	<input type="text"/>
E01	<input type="text"/>
F01	<input type="text"/>
G01	<input type="text"/>
H01	<input type="text"/>
A02	<input type="text"/>
B02	<input type="text"/>
C02	<input type="text"/>
D02	<input type="text"/>
E02	<input type="text"/>
F02	<input type="text"/>
G02	<input type="text"/>

Upload status-

5) Rejection

- Explain why and they reupload.

5) Accepted

- They see their upload and get email stating that we will review their submission and get back to them

Manual review of upload

- I will look over upload and am able to change things if needed.
- If rejected I can write an explanation and it will be stored in the LIMS
- If accepted an email is sent looking something like this
 - Submission #
 - Order details
 - Sample info.
 - Address to Ship

CLC Online - Illumina Sequencing Order #10272374

1 message

Isclc_genomics@cornell.edu <Isclc_genomics@cornell.edu>
To: cba9@cornell.edu
Cc: Isclc_genomics@cornell.edu

Fri

Thank you for your order. Please keep this e-mail for your records. Please review our Payment Policy at <http://cores.lifesciences.cornell.edu/brcinfo/?p=terms>

Order Fields

Comment
GBS samples, please load using 4.3 nM
Instrument
HiSEQ
Paired End
No
Run Length

Multiplex
No
Organism
VariousEukaryotic
Library Preparation
Library Submission (customer prep)
RNA Input
Total
Sequencing Primer
PE/Genomic

Sample Fields

Select For Deletion	Sample Name	Lanes	conc(ng/ul)	vol(ul)	Comment
[]	MalGBS_P4_PstE_150000752	1	2	20	Tube #1
[]	MalGBS_P5_PstE_150000753	1	2	20	Tube #2
[]	MalGBS_P6_PstE_150000754	1	2	20	Tube #3
[]	vDNAIuj69_70ram1_2_150000756	1	2	20	Tube #5
[]	vDNAram5_8_150000757	1	2	20	Tube #6
[]	Bio_sorg_P9_150000758	1	2	20	Tube #7
[]	Bovine_P1_150000759	1	2	20	Tube #8

Actions

Upload history

- A table of previous uploads for that customer.
- Submission #
- Include status updates? Received, prepping, sequencing, data analysis?
- Link to gels

Your Order Status, Queues, and Results

This is a new feature. If you have comments or suggestions, please [send us feedback](#).

Sample Status		Service Status and Queue Length		
Sample	Order Number	Service	Status	Est. Complete
Bovine_P1_150000759	10272374	Illumina Sequencing	Checked in	Date not yet determined
Bio_sorg_P11_150000758	10272374	Illumina Sequencing	Checked in	Date not yet determined
vDNAram5_8_150000757	10272374	Illumina Sequencing	Checked in	Date not yet determined
vDNAluj69_70ram1_2_150000756	10272374	Illumina Sequencing	Checked in	Date not yet determined
MalGBS_P6_PstE_150000754	10272374	Illumina Sequencing	Checked in	Date not yet determined
MalGBS_P5_PstE_150000753	10272374	Illumina Sequencing	Checked in	Date not yet determined
MalGBS_P4_PstE_150000752	10272374	Illumina Sequencing	Checked in	Date not yet determined
MalGBS_P3_PstE_150000750	10271913	Illumina Sequencing	Checked in Sequencer	Date not yet determined
SeeD51to55_150000749	10271913	Illumina Sequencing	Checked in Sequencer	Date not yet determined
SeeD51to55_150000748	10271913	Illumina Sequencing	Checked in Sequencer	Date not yet determined
			Checked in	