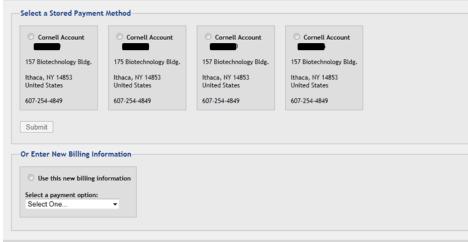
### IGD detailed sample submission spec

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



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



### **Optimization Project**

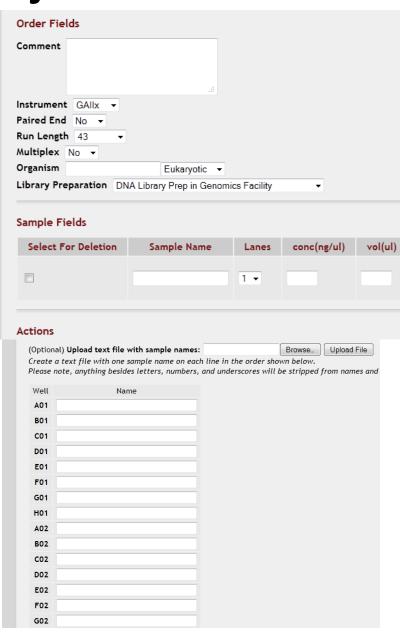
- 4) Fill in sample info
  - Fill out species- we edit and this becomes part of species list for production
  - Fill in sample name
  - DNA Vol
  - DNA conc
  - Upload gel



# **Production Project**

### • 4) Fill in sample info

- Enzyme/Mulitplex (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



## 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

Isclc\_genomics@cornell.edu < Isclc\_genomics@cornell.edu> To: cba9@cornell.edu

Cc: lsclc\_genomics@cornell.edu

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

Fri.

#### Order Fields

Comment

GBS samples, please load using 4.3 nM

Instrument

Paired End

Run Length

Multiplex

Organism

VariousEukarvotic

Library Preparation

Library Submission (customer prep)

Sequencing Primer

PE/Genomic

#### Sample Fields

Se	elect For Deletion	Sample Name	Lanes	conc(ng/ul)	vol(ul)	Comment
[	1	MalGBS_P4_PstE_150000752	1	2	20	Tube #1
[	1	MalGBS_P5_PstE_150000753	1	2	20	Tube #2
[	1	MalGBS_P6_PstE_150000754	1	2	20	Tube #3
[	]	vDNAluj69_70ram1_2_150000756	1	2	20	Tube #5
[	]	vDNAram5_8_150000757	1	2	20	Tube #6
[	1	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 Est. Complete Sample Order Number Service Status Illumina Sequencing | Checked in | Date not yet determined Bovine P1 150000759 10272374 Bio\_sorg\_P11\_150000758 Illumina Sequencing Checked in Date not yet determined 10272374 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 10272374 Illumina Sequencing | Checked in | Date not yet determined MalGBS\_P6\_PstE\_150000754 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 Checked in MalGBS\_P3\_PstE\_150000750 Illumina Sequencing Date not yet determined 10271913 Sequencer Checked in Date not yet determined Illumina Sequencing SeeD51to55 150000749 10271913 Sequencer Checked in Date not yet determined SeeD51to55\_150000748 10271913 Illumina Sequencing Seauencer Chacked in