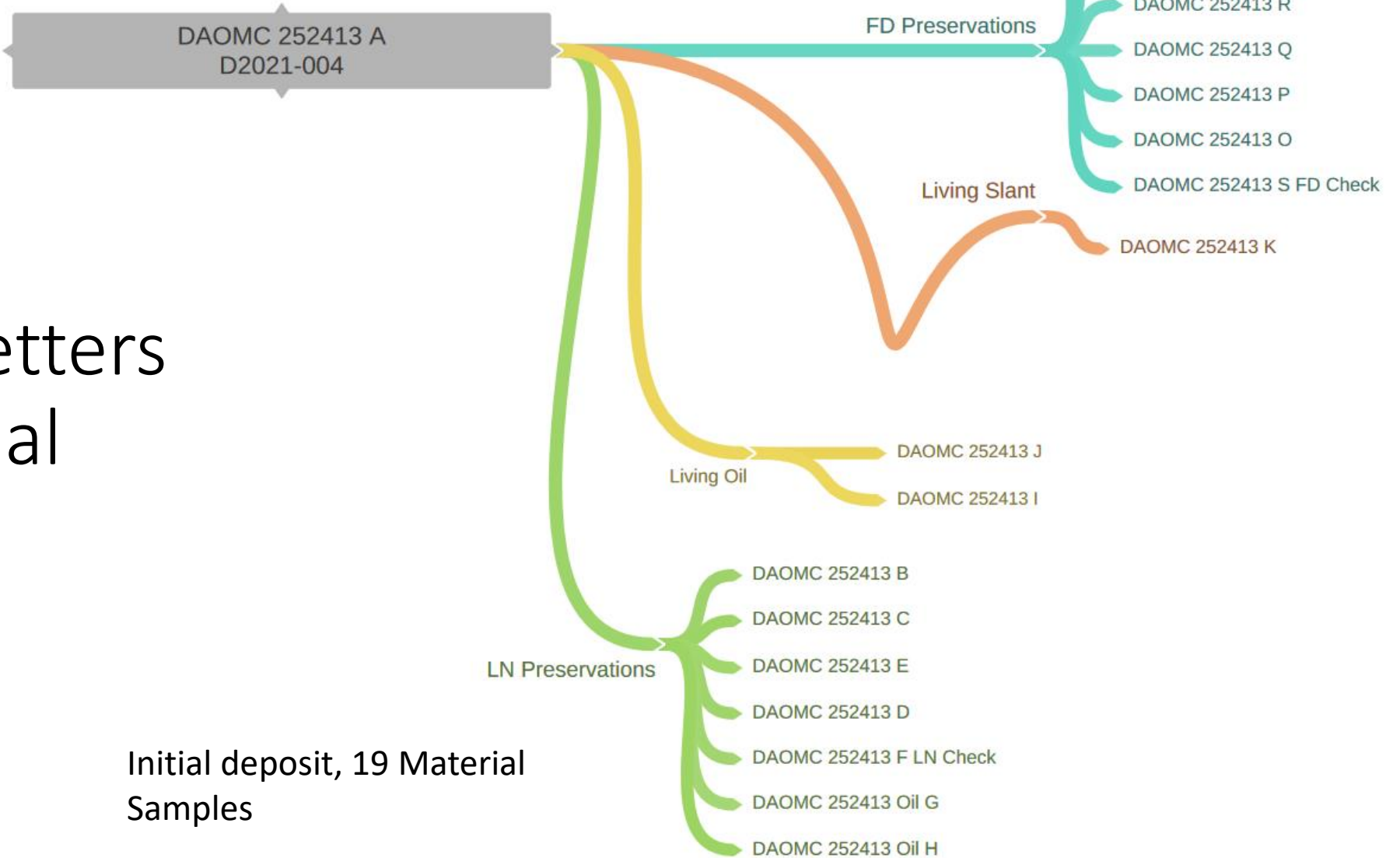


# CCFC Material Sample Naming Conventions

Tara and Emily April 2022



Status Quo=  
incrementing letters  
for each material  
sample

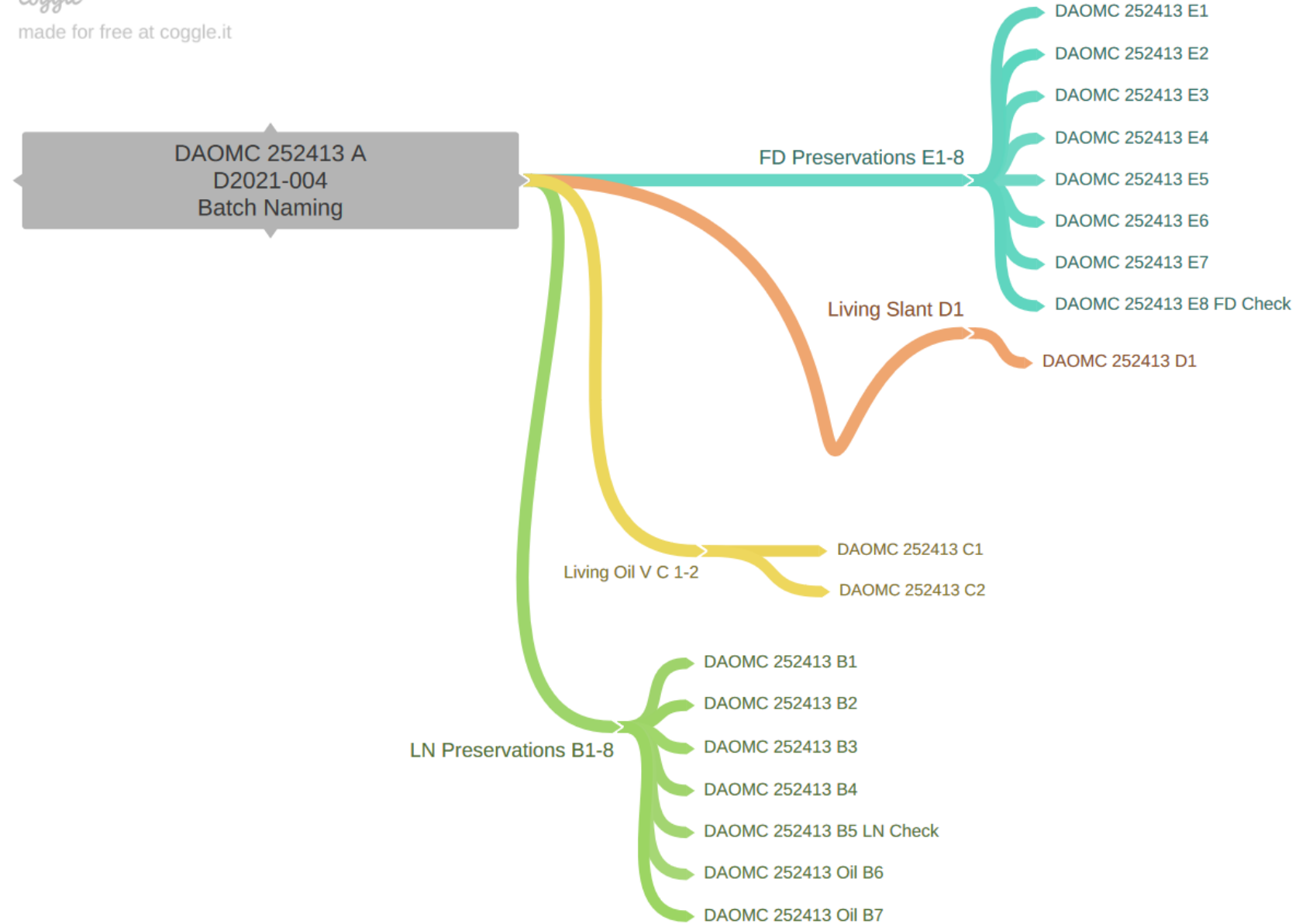
Initial deposit, 19 Material  
Samples

# Problems with Status Quo

- How does this pair with molecular samples?

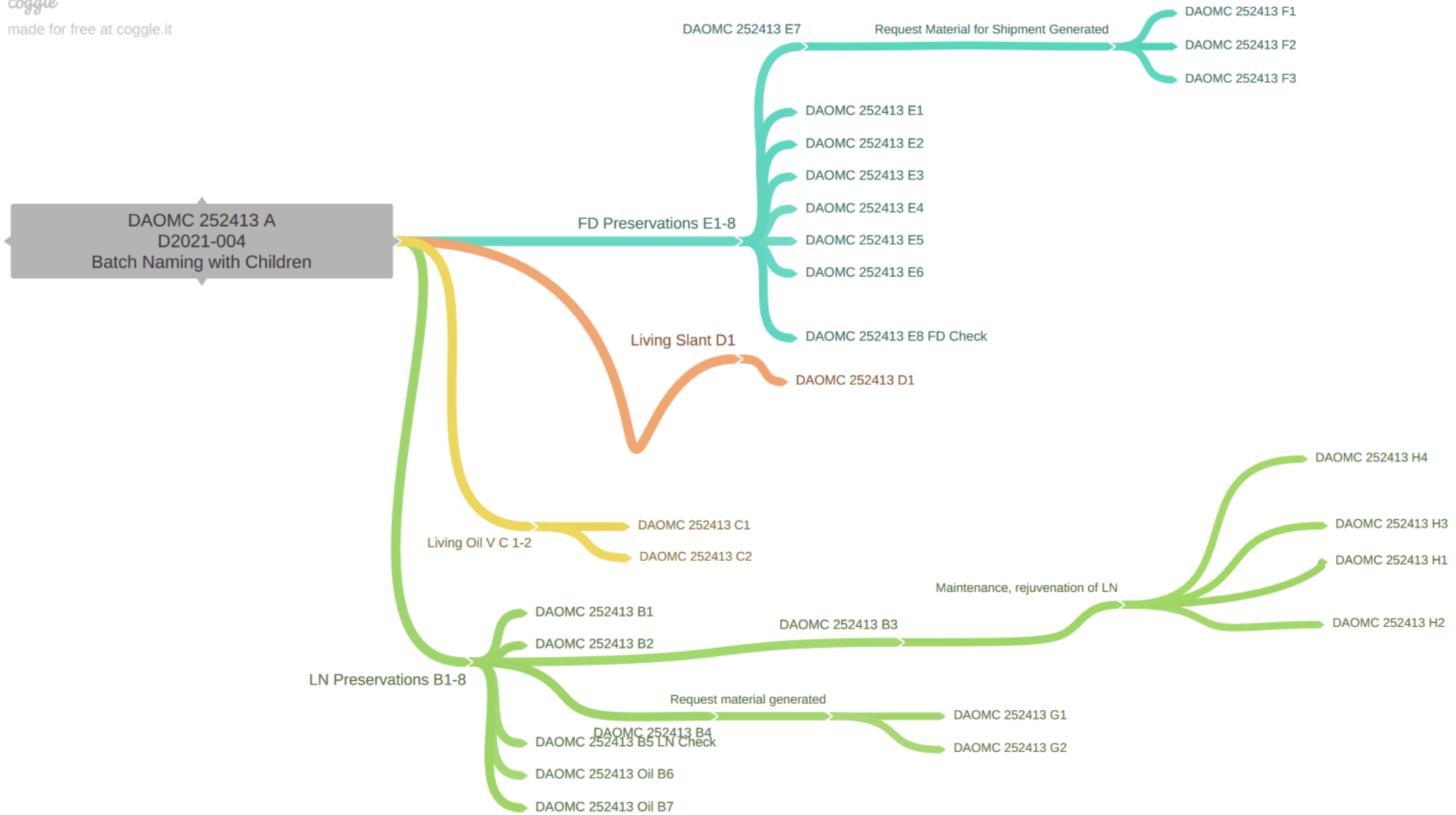
"Batch Name + Quantity" - Letter + Number, increments for each new batch/treatment with sequential numbers starting at 1

*coggle*  
made for free at [coggle.it](http://coggle.it)



"Batch Name + Quantity" - Letter + Number, increments for each new batch/treatment with sequential numbers starting at 1

coggle  
made for free at coggle.it

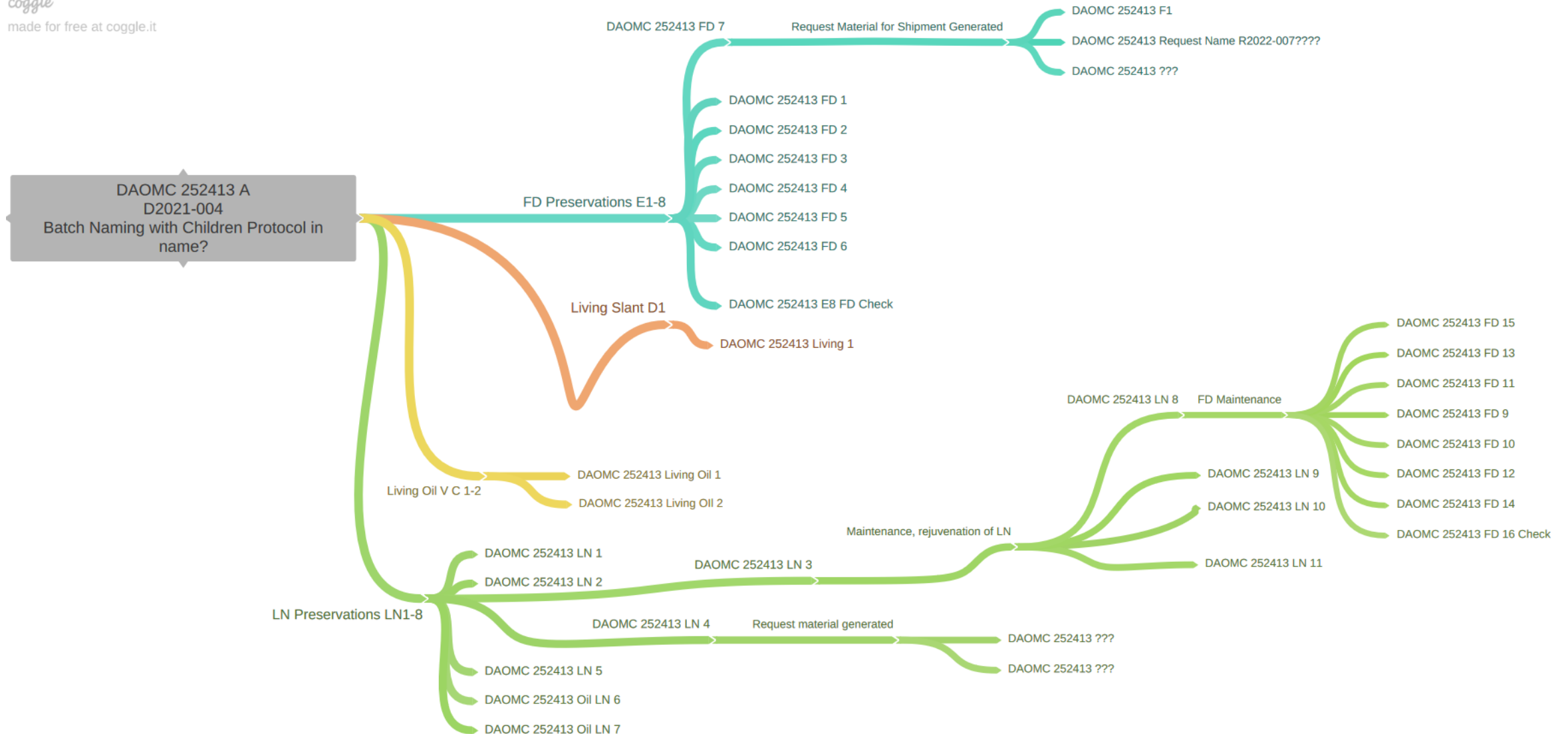


# Problems with "Batch Name + Quantity"

- How do the batches increment across protocols?
- and the machine being able to assess that

"Using protocol/state as batch with number - protocol/state stays the same for tissue types, number increments as copies created

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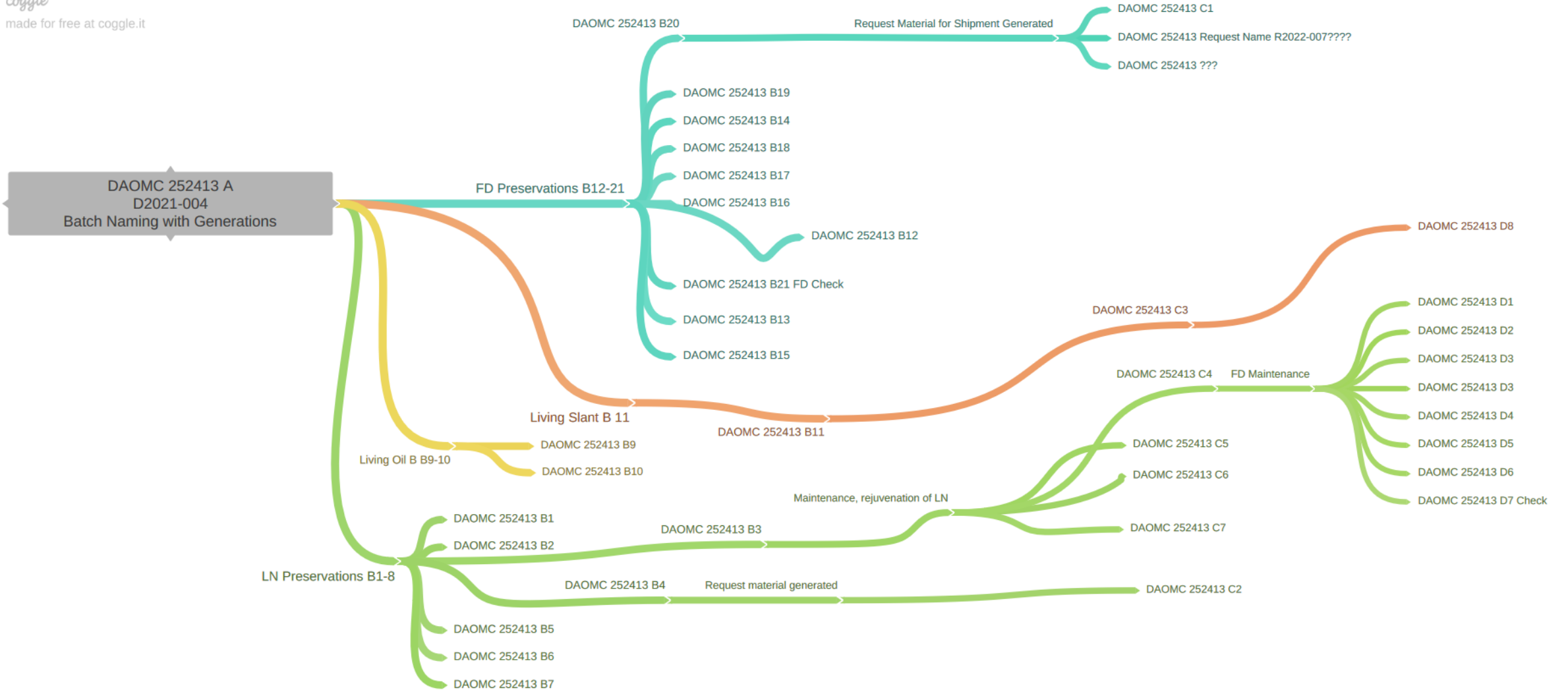
# Problems with Using protocol/state as batch with number

- Duplication of information but would increment easily.
- What do we call material created for client requests?



Generations and Quantity - Letter + Number, Letter stays the same incrementing from parent, numbers increase with copies, next generation starts with next letter and numbers from 1, irregardless of state.

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# Problems with Using Generations and Quantity

- Is first generation A or B? Original material is A or no version?
- How computer could increment - search after identifier for letter, increment up, start at 1 or check for other samples already created for that generation and add next number.

# Not thrilled with any of these options!!

- Are there any other naming conventions we missed?
- Seems status quo is the easiest and will mesh with historical data – but how will this work with molecular samples? Are they separate tables?

The screenshot shows the DINA web application interface. At the top, there is a dark navigation bar with the logo 'DINA' and several dropdown menus: 'Collections', 'Transactions', 'Object Store', 'Agents', and 'Sequencing'. Below this is a light-colored bar with a 'Create New:' label followed by five buttons: 'Material Sample', 'Multiple Material Samples', 'Collecting Event', 'Transaction', and 'Upload Files'. The main content area is divided into four sections: 'Collections', 'Transactions', 'Agents', and 'Sequencing'. Each section contains a list of links. In the 'Collections' section, 'Material Samples' is highlighted in yellow. In the 'Sequencing' section, 'Molecular Samples' is highlighted in yellow.

**DINA** Collections ▾ Transactions ▾ Object Store ▾ Agents ▾ Sequencing ▾

Create New: [Material Sample](#) [Multiple Material Samples](#) [Collecting Event](#) [Transaction](#) [Upload Files](#)

### Collections

- [Collecting Event](#)
- [Custom Views](#)
- [Material Samples](#)
- [Revisions by user](#)
- [Storage Units](#)
- [Workflow Templates](#)

### Transactions

- [Revisions by user](#)
- [Transactions](#)

### Agents

- [Organizations](#)
- [Persons](#)

### Sequencing

- [Index Sets](#)
- [Molecular Samples](#)
- [NGS Workflows](#)
- [PCR Batches](#)
- [PCR Primers](#)
- [Products](#)
- [Protocols](#)
- [Regions](#)
- [Sanger Workflows](#)
- [Thermocycler Profiles](#)

Close

## Generate Specimen Replicates

**Selectable Replicates**

Search...

Select All

**Selected Replicates**

Search...

DAOMC252413 Q

Deselect All

**Select Protocol \***

Client material (CCFC)

**Group Options \***

CCFC

**Batch Name**

TR\_Fake\_001

**Batch Notes**

### Generate Specimen Replicates Help

**Step 1. Choose Specimen Replicate Parent**  
To use the Specimen Replicate Generator, you must select "Specimen Replicates" from the left selectable box.

**Step 2. Populate The Sheet**  
Once all desired specimen replicates are in the left selection box. Click the *Populate Sheet* button.

**Step 3. Choose Protocol**  
Select an existing protocol to associate your specimen replicates with.

**Step 4. Choose Group**  
Select an existing group to associate your specimen replicates with.

**Step 5. Create A New Batch (Optional)**  
Create a new batch by writing a new batch name with a batch note.

**Step 6. Fill The Sheet**  
Specify the version range or number of specimen replicates to be generated from the replicate parent in the *Number or Version Range* cell and the experimenter generating them in the *Experimenter* cell.

**Step 7. Generate The Specimen Replicates**  
Click the *Generate* button when the sheet is filled. If successful, you will be redirected to the specimen replicate list page.

Populate Sheet

Replicate Name	Parent Version	Date (YYYY-MM-DD)	Collection Code	Specimen Identifier	Sub ID	Number or Version Range	Experimenter	Storage Medium
DAOMC252413	Q	2022-04-25	DAOMC	252413				PDA

Generate