**Re-Run Trip Overview**

1. **Reagent/Supply Check**
   1. Plastics: 384 plates 96 plates well seals silica plate
   2. DNA extraction: WB PWB BM VLB
   3. MM: 20x primers Taq Promega May Additive
   4. ABI: ladders HiDi
2. **Cherry Pick Tubes**
   1. Locate boxes
   2. Gather tissues for extractions, organize into 96-rack according to plate layout
3. **Extract DNA plates 29, 30, 31**
4. **PCR** 
   1. Plates 29\_1\_3 and 30\_1\_3
      1. Both full plates with no controls (192 samples)
   2. Plates 29\_OtY3 and 31\_OtY3
      1. Not full plates
      2. Plate 29: maybe subsample, not all wells need Oty3 re-run, doesn’t hurt to fill out plate with replicates
      3. Plate 31: only 72 individuals
5. **Coload and Run ABI**
   1. Plates 29\_1\_3 and 30\_1\_3
      1. Make sure ABI input sheet only has 2 quadrants
   2. Plates 29\_OtY3 and 31\_OtY3
      1. Make sure ABI input sheet only has 2 quadrants
6. **Check Genotypes**
   1. Quick Score all samples
      1. If carcass samples fail, no more work
      2. Consider third run genotyping if many non-carcass samples continue to fail.
7. **Set Up Samples for Archive**
   1. Relabel plates using SFGL conventions and store
   2. Update Progeny
   3. Return Tissues to Archive

**Packing List for Lab Work**

* Genemapper Computer
  + Monitor
  + Keyboard
  + Mouse
  + Cables
* Thumbdrives
* Notebook
* Dissection Kit