Willie Shearon, Hughes Lab: 29 April 2019

1. Collect mouse tails and place each tail in its own well of a 96-well PCR plate. Use care to document on paper which tails went where in the plate.
2. Place 100ul of **Buffer 1** in each well and cover with an adhesive well-plate cover.
3. Run in a thermocycler for 2 hours @ 95° C, then hold it at 4° C indefinitely until it is removed.
    a. Be sure the volume is specified
4. Neutralize the tail solution by adding 100ul of **Buffer 2**. Store in -20° C freezer until ready to genotype.

Buffer 1: 80 mM NaOH, 0.8 mM, diluted in MilliQ water

Buffer 2: 240 mM Tris-HCl (pH = 7.4), diluted in MilliQ water