**Worm maintenance and storage**

1. **Weekly report,** prepare a PowerPoint slide (or Word format) for every week and report to me.

2. **Store genotyped worms** at 15C and -80C freezer. Once you genotype some worms, Mark those PCR genotyped worms and keep them at 15C indubator. Seal plates with parafilm and store them upside-down position. Make sure to Write the date PCR genotyped on plate . for example "PCR genotype 20200802" on a plate. (Do not write on the lid. Always label on the bottom of the plate.)

These worms must be stored at -80C in case your worms become strange.; 1) Find out HK number in the excel file. if the most recent tube is HK100, your tube name will be HK-ZX101 (your name initial for Zhang Xiaojuan). For any worms at -80C freezer, Make sure to write the information (Genotype and PCR verification ...etc..) in the worm stock Excel file. If you not sure how to store worms you MUST ask others.

3. **Maintain worms**. ; From PCR genotyped worms, pick balanced worms. For example, for PARP-1/ht2(GFP), Pick and transfer 3-4 GFP+ worms to a new OP50 seeded NGM plate. Do this transfer every 3-5 days. You must keep balancers, do not lose GFP+. As long as you pick GFP+, you will maintain GFP- worms too,