

Figure 2

Day 0	Microinject CRISPR injection mix into both gonad arms of about 30 worms (P_0) and single onto individual MYOB plates.
Day 1	Transfer injected worms onto new plates (1 worm per plate) and allow to continue producing progeny (F_1).
Days 3 to 4	Transfer between 50 to 100 Rol F_1 worms onto new individual plates (1 worm per plate) and allow to produce progeny (F_2).
Day 6	Prepare single worm lysates for singled F_1 rollers. Perform PCR, restriction digestion and agarose gel electrophoresis.
Day 7	Transfer 8 to 12 non-Rol, non-Dpy positive F_2 worms onto new plates (1 worm per plate) and allow to produce progeny (F_3).
Day 9	Prepare single worm lysates for singled F_2 worms. Perform PCR, restriction digestion and agarose gel electrophoresis.
Day 10	Perform worm lysis, PCR and PCR cleanup for homozygous F_3 worms. Measure DNA concentration.
Day 11 and 12	Set up sequencing reactions, send samples for sequencing and analyze sequencing results.