NaOH DNA extraction from fin clips and embryos

For crude DNA extraction (e.g. for downstream PCR genotyping)

1) Add 50mM NaOH to each sample
    a. 50 uL for 1 embryo/well
    b. 100 uL for fin clip or multiple embryos/well
2) Boil samples at 95°C for 20 mins
    a. Program saved as “95C” in thermocycler
3) Add 1M Tris Buffer at pH 7.5 to neutralize samples
    a. 5 uL for 1 embryo/well
    b. 10 uL for fin clip or multiple embryos/well

Notes:

- DNA extracts can be directly used in PCRs (dilutions are not typically required)
- DNA extracts can be stored at 4°C for 3 months or -20°C for longer periods