Recycling DNA Mini-columns

Day 1:

1. Submerge used mini-columns and collection tubes in 1M HCl
    - Allow to soak for a minimum of 24 hours

(**Note:** HCl solution may be used for multiple washes)

Day 2:

1. Remove collection tubes and mini-columns, pouring excess HCl back into the solution container
(**Note:** Flame sterilized tweezers are helpful in this process)
2. Insert the mini-column into the collection tube
3. Centrifuge for 30 s. @ 13,200 RPM, discard flow-through
4. Add 700 µL ddH_2O into the mini-column
5. Centrifuge for 30 s. @ 13,200 RPM, discard flow-through
6. Add another 700 µL ddH_2O into the mini-column
7. Centrifuge for 30 s. @ 13,200 RPM, discard flow-through
8. Add 700 µL equilibrium Buffer QBT into the mini-column
(**Note:** See our homemade buffer protocol for instructions on how to make your own Buffer QBT)
9. Centrifuge for 30 s. @ 13,200 RPM, discard flow-through
10. Centrifuge for 1 additional min. @ 13,200 RPM to remove any residual liquid
11. Store in a sterile, sealed container (e.g. Ziplock)
(**Note:** Use ethanol to remove marker from the outside of the collection tubes)