Step 1: Isolate genomic DNA
   Cleave with mapping enzyme (SacI)

Step 2: Ligate to biotinylated linkers

Step 3: Cleave with fragmenting enzyme (NlaIII)
   Isolate with streptavidin magnetic beads

Step 4: Ligate to linkers containing tagging enzyme site (MmeI)
Step 5: Release genomic tags
   using tagging enzyme (MmeI)

Step 6: Ligate to form ditags, PCR amplify, concatenate, and sequence

Step 7: Match to microbial virtual tag library

Unmatched Tags