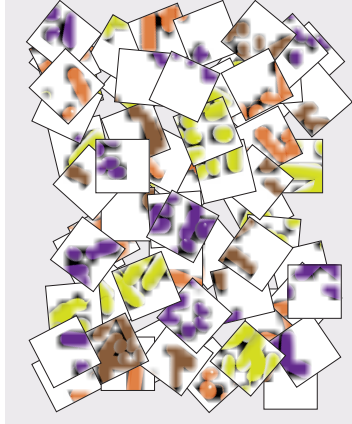


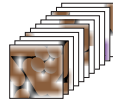
Input microbiome
sample ($\sim 3 \text{ mm}^3$)

SAMPL-seq
(combinatorial
split-pool barcoding)



Particles ($\sim 40 \text{ Mm}$)

MCSPACE
(Generative AI)



A3



A4



A1



A2

Assemblages