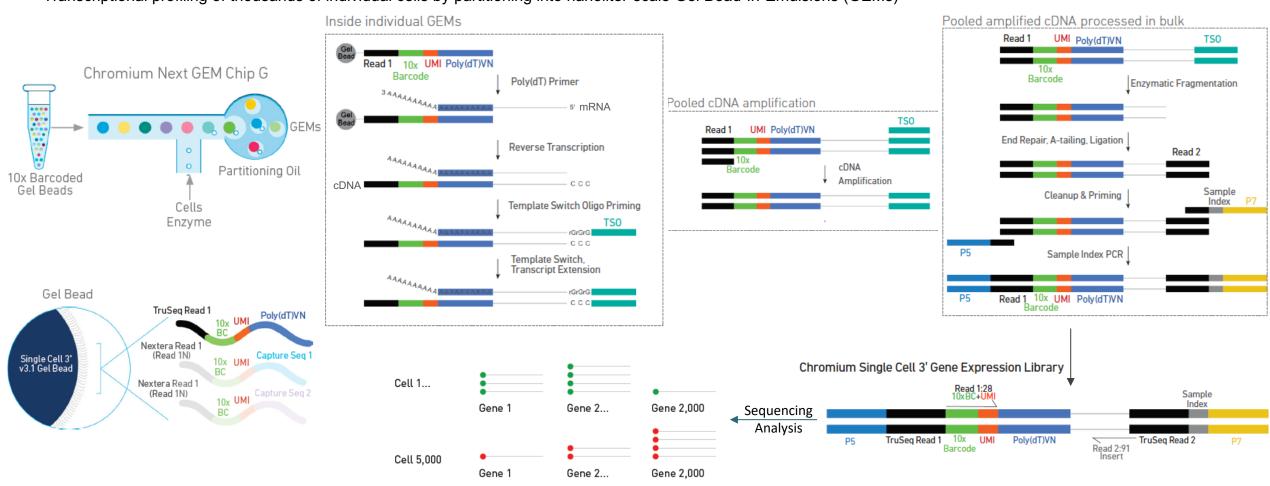
Single cell 3' mRNA-Seq using 10X Chromium

Frederick National Laboratory for Cancer Research

National Cancer Institute

- Based on droplet microfluidics technologies such as Drop-Seq and inDrop (Macosko et al, and Klein et al, Cell, 2015)
- · Combines microfluidics with molecular barcoding to enable high-throughput single-cell RNAseq
- Transcriptional profiling of thousands of individual cells by partitioning into nanoliter-scale Gel Bead-In-Emulsions (GEMs)



Single-cell Iso-seq analysis



sponsored by the National Cancer Institute

