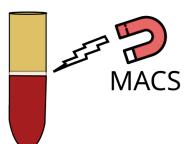


10X 5' Workflow

differentiation protocol

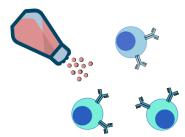
1. purify B cells



2. analyze *in-vivo* samples

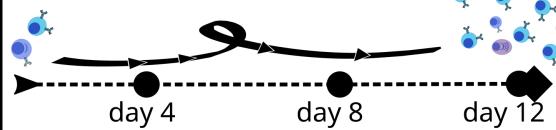
- input B cells (day 0)
- long-lived
- plasma cells: (LLPCs)

3. stimulate w/ cytokines

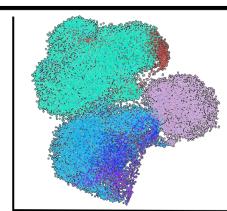


4. analyze *in-vitro* time-course

division, differentiation, CSR



measurements



gene expression



mutation status
isotype / class



surface expression



clonal origin