

Data descriptions for TotalSeq™-B Mouse Myeloid Cocktail v1.0 PN 199904

Dataset	Digestion and Depletion	No. of cells stained	Cells loaded onto Chromium Controller	10x Genomics Kit Used	Sequencing Instrument	Sequencing Parameters	Sequencing depth per sample
Enzymatically digested mouse spleen with T and B cell depletion	Single cell splenocytes were prepared from C57BL/6 mice according to the published protocol: https://doi.org/10.1016/j.xpro.2021.100842 . T and B cell populations were depleted using MojoSort™ anti-PE nanobeads (Cat# 480079), PE anti-mouse CD90.2 (53-2.1 Cat#140307), and PE anti-CD19 (1D3/CD19, Cat#152407).	~500,000 per sample	~12,000 (2 mice, ~6,000 per donor)	Chromium Next GEM Single Cell 3' Reagent Kits v3.1 (Dual Index) PN-1000268, PN-1000262 PN-1000242, PN-1000215	NovaSeq 6000 S1 flow cell	Read 1: 28 cycles i7 index read: 10 cycles i5 index read: 10 cycles Read 2: 90 cycles	~10,000 reads/cell (ADT) ~25,000 reads/cell (cDNA)

Cells from two mice were multiplexed using BioLegend TotalSeq™ Hashtag antibodies. Dataset presented is representative of 1 mouse.