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🌐 HuBMAP UF TMC - 10x Genomics scRNAseq Modality Overview

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DOI: **dx.doi.org/10.17504/protocols.io.be79jhr6**

Protocol status: Working
We use this protocol and it's working

Created: April 16, 2020

Last Modified: October 02, 2020

Protocol Integer ID: 35809

Safety warnings

> ❗ Follow all safety guidelines provided with individual links within this protocol.

1   Specimen/Organ Prep:
     Spleen: **dx.doi.org/10.17504/protocols.io.bc3kiykw**
     Lymph Node: **dx.doi.org/10.17504/protocols.io.bbgnijve**
     Thymus: **dx.doi.org/10.17504/protocols.io.bbgmiju6**

2   Single Cell Isolation/Storage: **dx.doi.org/10.17504/protocols.io.bd9vi966**

3   Optional (recommended) step: FACS isolation of live single cells for scRNASeq:
     dx.doi.org/10.17504/protocols.io.bfqzjmx6

4   10x Library Construction and Sequencing: **dx.doi.org/10.17504/protocols.io.bffvjjn6**

5   Data Analysis and Quality Control Check 📄 10x Cell Ranger.docx
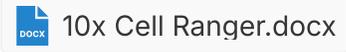
6   Register completed 10x sample information in the HuBMAP UUID generator at
     https://uuid.hubmapconsortium.org.

7   Prepare and upload data to the HuBMAP HIVE Globus using hipergator.
     📄 HPG 10x (1).docx