



Apr 29, 2020

HuBMAP UF TMC - 10x Genomics scRNAseq Modality Overview

W

Marda Jorgensen¹, Maigan Brusko¹¹University of Florida**1** Works for me dx.doi.org/10.17504/protocols.io.be79jhr6

Human BioMolecular Atlas Program (HuBMAP) Method Development Community
Tech. support email: Jeff.spraggins@vanderbilt.edu

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.bbgrijve
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.bffvjn6
- 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**