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HuBMAP UF TMC - 10x Genomics scRNAseq Modality Overview

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dx.doi.org/10.17504/protocols.io.be79jhr6

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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.bffvjnn6
- 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