

Description of Additional Supplementary Files

Supplementary Data 1: List of antibodies, their conjugated metal tags, their clones, and their concentrations used for the imaging mass cytometry tissue labeling step. * refers to the markers/antibodies with in-house conjugations to the metal tags.

Supplementary Data 2: Putative annotation of TOF-SIMS channels sorted by m/z.

Supplementary Data 3: Putative annotation of TOF-SIMS channels sorted by literature reference.