

## Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: [Tab-1]: **List of 40 metal-conjugated antibodies** used for mass cytometry (CyTOF) along with their respective catalog number, vendor, and other relevant information. [Tab-2]: **List of 7 fluorescent antibodies** used to evaluate Granzyme B output from CD8<sup>+</sup> T cell subset by flow cytometry. Vendor, catalog numbers and other relevant information are listed along with each antibody.