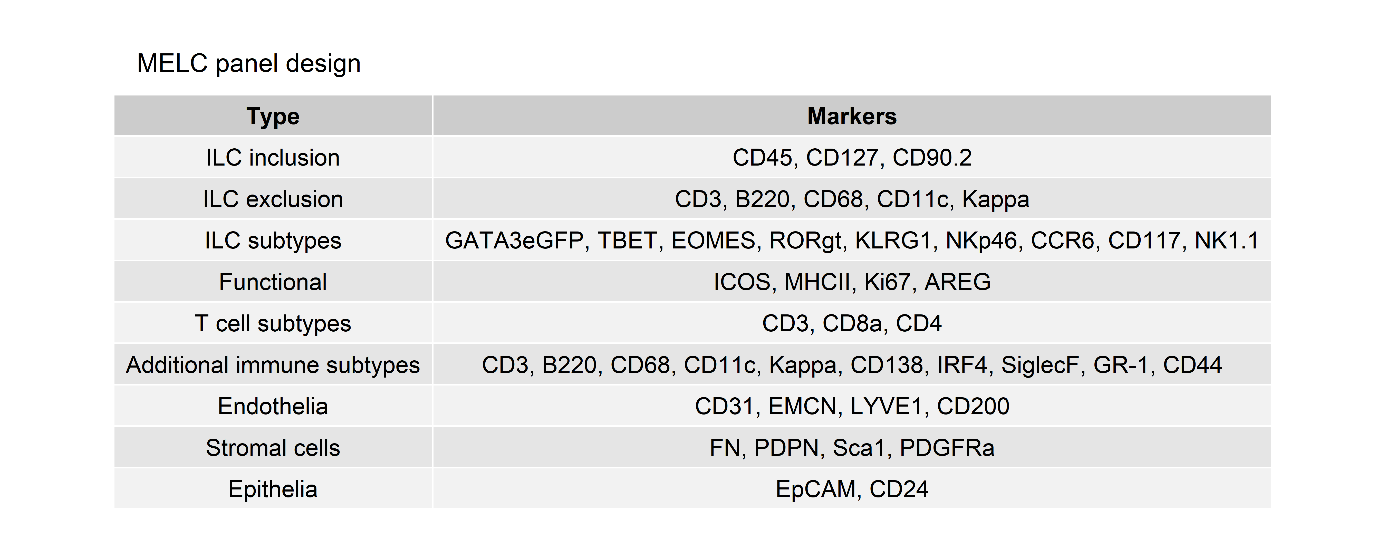
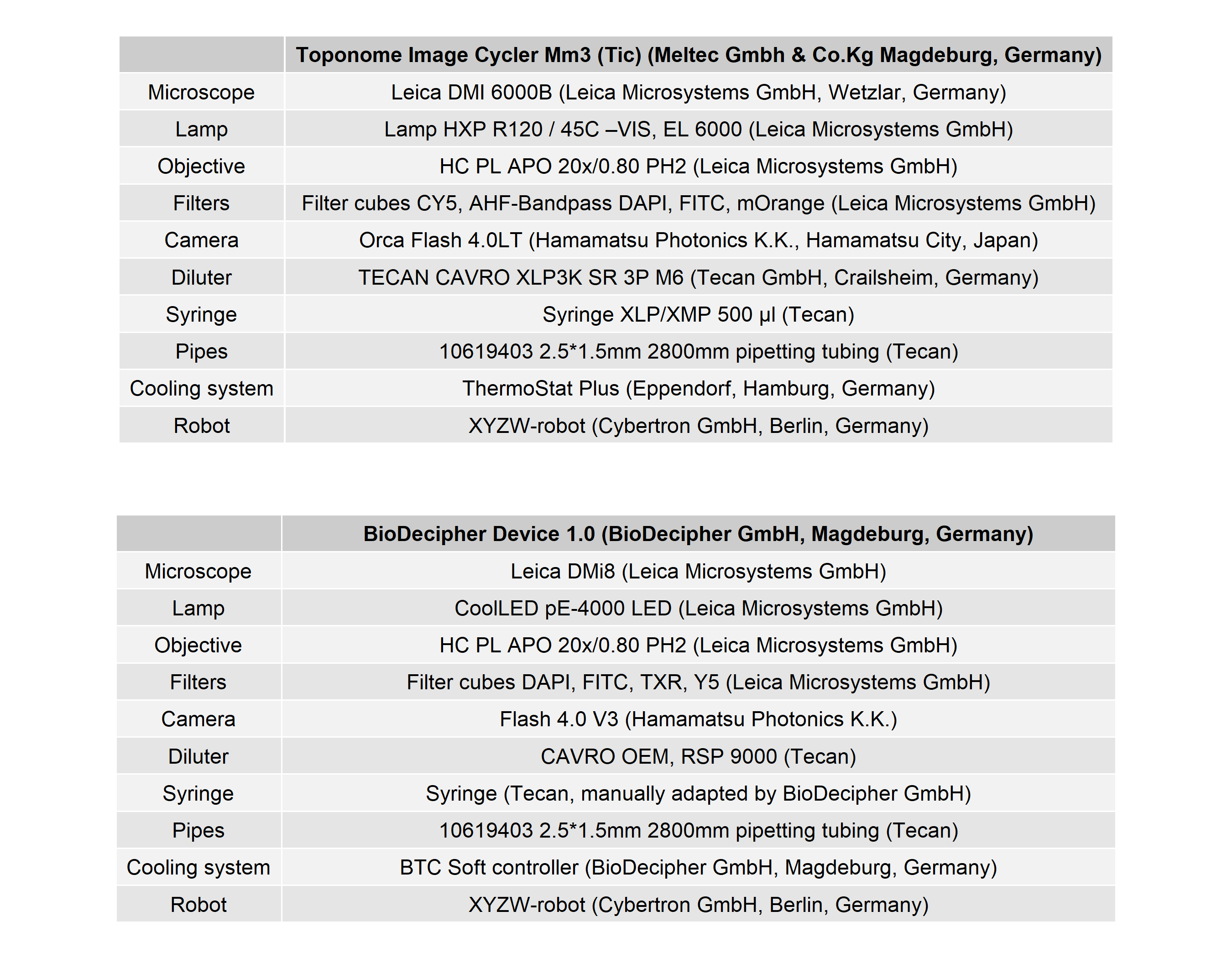
**Supplementary Table 1:** Overview ofMELC panel design with included markers for the respective cell types.



**Supplementary Table 2:** Overview of technical components of the Toponome Image Cycler Mm3 and the BioDecipher Device 1.0 used for MELC data acquisition.



**Supplementary Table 3:** MELC antibody panel overview

Ein Bild, das Text, Screenshot, Karte Menü enthält.

KI-generierte Inhalte können fehlerhaft sein.

**Supplementary table 4:** Overview of R packages and versions used for data analysis.

Ein Bild, das Text, Karte Menü, Screenshot enthält.

KI-generierte Inhalte können fehlerhaft sein.

**Supplementary table 4:** d