

Datasets and platforms

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Overview

This document compares the types of data platforms, and links to where data of certain types can be found.

Platform/Brand	Generic	Number of markers	Resolution	Single Stain
Vectra 3	mIF?	6-8	?	?
Vectra Polaris	mIF?	6-8	?	yes
multiplex immunofluorescence	mxIF	40+	?	no
CODEX	?	40+	?	?
IMC	?	?	?	?

- CODEX: single-cell resolution down to 600 nm or 250 nm depending on microscope objective used (20X and 40X respectively)

data links

- HuBMAP: dataset portal for human biomolecular atlas program
 - open source CODEX, IMC datasets
- Vectra-Polaris data
- MIBI data
 - This data has been processed (not the raw images) and is from the this published paper