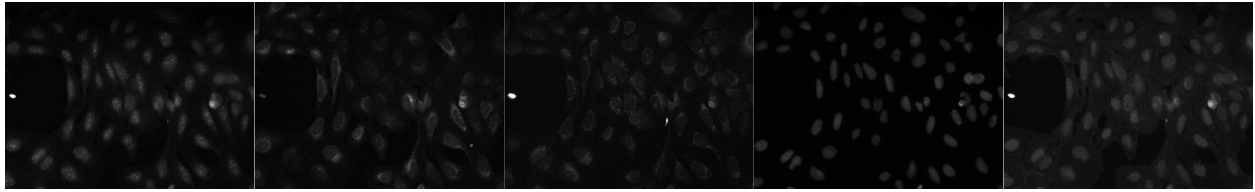Cell image dataset

Cell painting image collection

Example of a set of images collected in cell painting assay, which collect images under 5 channels sequentially for a specific spot. From L to R, the channels are actin/Golgi/plasma membrane, ER, mitochondria, nucleus, and nucleoli/cyto RNA.
The image I want to use is the first or the last one (preferred).

It can be download with aws cli tool:

aws s3 cp --no-sign-request
s3://cytodata/datasets/Bioactives-BBBC022-Gustafsdottir/metadata/Bioactives-BBBC022-Gustafsdottir/platemap/H-BIOA-006-1.txt .

I made a bash script, s3fileupdate.sh, to download a specific dataset in batch.

Human U2OS cells image collection (cell painting assay)

They can be downloaded via a self-provided bash script, download_cil_images.sh.