Tumor-Infiltrating Lymphocytes Maps from TCGA H&E Whole Slide Pathology Images

Description

Mappings of tumor-infiltrating lymphocytes (TILs), based on H&E images from 13 TCGA tumor types are available here. These TIL maps are derived through computational staining, using a convolutional neural network trained to classify patches of images. In addition to the TIL Maps, the analysis codes and the software used to extract TILs are also available. The accompanying paper contains detailed information about our methods and our findings.

TCGA Tumor Types Used in this Study

- BLCA Bladder urothelial carcinoma
- BRCA Breast invasive carcinoma
- CESC Cervical squamous cell carcinoma and endocervical adenocarcinoma
- COAD Colon adenocarcinoma
- LUAD Lung adenocarcinoma
- LUSC Lung squamous cell carcinoma
- PAAD Pancreatic adenocarcinoma
- PRAD Prostate adenocarcinoma
- READ Rectum adenocarcinoma
- SKCM Skin Cutaneous Melanoma
- STAD Stomach adenocarcinoma
- UCEC Uterine Corpus Endometrial Carcinoma
- UVM Uveal Melanoma

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Note: Please contact help@cancerimagingarchive.net with any questions regarding usage.

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Dataset Citation


Publication Citation