

TCGA Prostate Phenotype Research Group

Summary

The Cancer Genome Atlas (TCGA) Prostate Phenotype Research Group is part of the [Cancer Imaging Project TCGA Radiology Initiative](#) focused on analyzing images from the [TCGA- Prostate Adenocarcinoma \(PRAD\)](#) collections. Images which correlate to the PRAD tissue data in [TCGA's Data Portal](#) are being gathered for submission to The Cancer Imaging Archive ([TCIA](#)).

According to the [TCGA page on PRAD](#), researchers hope to make the following types of discoveries with this data:

- Analyze correlation between Gleason score and other tumor characteristics to better define aggressiveness.
- Examine samples from majority populations and compare to underrepresented populations, such as African Americans who have the highest incidence rate of prostate cancer.
- Integrate the genomic information with the proteomic data.

Research and Publications

Per TCGA and TCIA Guidelines, formal permission requests are still required to submit publications using TCGA-PRAD data. Please see the following links for more information about the freedom-to-publish criteria for these data sets:

Data Source	Status
TCGA Data Portal Publication Guidelines	No restrictions; all data available without limitations
TCIA Data Usage Policies and Restrictions	Collection has not reached 100 imaging subjects; please check with help@cancerimagingarchive.net prior to any publication

Please contact us at help@cancerimagingarchive.net if you have any questions about these policies.

TCGA-PRAD Marker Paper and Image Source Sites (ISS)

Imaging Source Site (ISS) Groups will be populated and governed by participants from institutions that have provided imaging data to the archive for a given cancer type. Modeled after TCGA analysis groups, ISS groups are given the opportunity to publish a marker paper for a given cancer type per the guidelines in the table above. This opportunity will generate increased participation in building these multi-institutional data sets as they become an open community resource. Current TCGA-PRAD source sites include:

- University of Pittsburgh / UPMC

Please contact Dr. Matthew Heller (hellermt@upmc.edu) if you have scientific questions for TCGA-PRAD ISS or are interested in collaborating with their group.

References

The following links contain publications from the main TCGA project as well as their posted publication guidelines:

- [TCGA Publications](#)
- [TCGA Publication Guidelines](#)