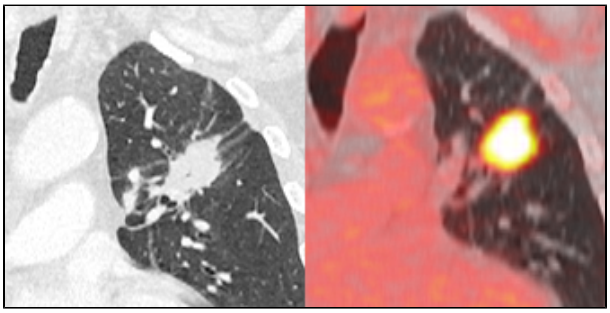
# NSCLC Radiogenomics: Initial Stanford Study of 26 Cases

## Description



This subset of NSCLC Radiogenomics contains images from patients with non-small cell lung cancer (NSCLC) imaged prior to surgical excision with both thin-section computed tomography (CT) and whole body positron emissions tomography (PET) /CT scans acquired under Institutional Review Board approval from Stanford University and the Veterans Administration Palo Alto Health Care System. The first installment of 26 cases (see shared list "NSCLC Radiogenomics: Initial Stanford Study of 26 Cases") corresponds to microarray data acquired from the excised samples, which is available on the National Center for Biotechnology Information (NCBI) Gene Expression Omnibus , where Digital Imaging and Communications in Medicine (DICOM) patient names are identical to microarray sample names. For scientific inquiries relating to the data-set, please contact Drs. Sandy Napel ( snapel @stanford.edu ) or Sylvia K. Plevritis ( sylvia.plevritis@stanford.edu ).

**Data Access**

## Data Access

Click the **Download** button to save a ".tcia" manifest file to your computer, which you must open with the NBIA Data Retriever

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

**Detailed Description**

## Detailed Description

The original 26 cases referenced in this manuscript have been renamed. A list of the mapping between GSM-XXX Patient IDs and R01-XXX Patient IDs can be found here .

**Citations & Data Usage Policy**

## Citations & Data Usage Policy

Users of this data must abide by the TCIA Data Usage Policy and the Creative Commons Attribution 3.0 Unported License under which it has been published. Attribution should include references to the following citations:

**Data Citation**

Napel, Sandy, & Plevritis, Sylvia K. (2014). NSCLC Radiogenomics: Initial Stanford Study of 26 Cases. The Cancer Imaging Archive. http://doi.org/10.7937/K9/TCIA.2014.X7ONY6B1

**TCIA Citation**

Clark K, Vendt B, Smith K, Freymann J, Kirby J, Koppel P, Moore S, Phillips S, Maffitt D, Pringle M, Tarbox L, Prior F. T**he Cancer Imaging Archive (TCIA): Maintaining and Operating a Public Information Repository**, Journal of Digital Imaging, Volume 26, Number 6, December, 2013, pp 1045-1057. (paper)

**In addition to the dataset citation above, please be sure to cite the following if you utilize these data in your research:**

**Publication Citation**

Gevaert, O., Xu, J., Hoang, C. D., Leung, A. N., Xu, Y., Quon, A., … Plevritis, S. K. (2012, August). Non–Small Cell Lung Cancer: Identifying Prognostic Imaging Biomarkers by Leveraging Public Gene Expression Microarray Data—Methods and Preliminary Results. Radiology. Radiological Society of North America (RSNA). http://doi.org/10.1148/radiol.12111607

## Other Publications Using This Data

TCIA maintains a list of publications that leverage TCIA data. If you have a manuscript you'd like to add please contact the TCIA Helpdesk.

**Versions**

## Version 1 (Current): 2013/03/01

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