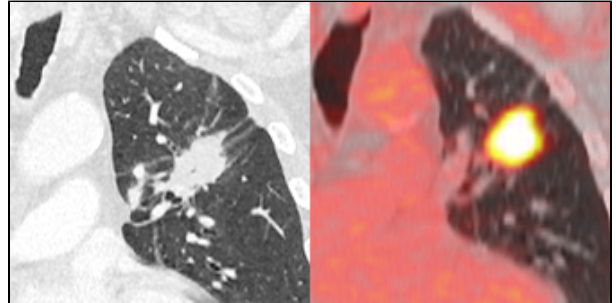


# NSCLC Radiogenomics: Initial Stanford Study of 26 Cases

## 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](mailto:snapel@stanford.edu)) or Sylvia K. Plevritis ([sylvia.plevritis@stanford.edu](mailto: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](mailto: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

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#### 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. **The 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**

Data Type	Download all or Query/Filter
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Microarray Samples	 An orange rectangular button with rounded corners, containing a white search icon (a magnifying glass) and the word "Search" in white text.