|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Published** | **Acession** | **NSCLC** | **pNSCLC** | **Normal** | **Platform** | **Probe\_Size** | **Jaurnal** |
| Karl T. Kelsey et al(2009)/USA | GSE16559 | 57 | 48 | 4 | Illumina | 1505 | Cancer Res |
| [Esteller M](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Esteller%20M%22%5BAuthor%5D) et al(2012)/USA | GSE28094 | 33 |  | 3 | Illumina | 1505 | *Genome Res* |
| The Cancer Genome Atlas(2012)/USA | [TCGA](http://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE35341) | 262 | 51 | 0 | Illumina | 27578 | TCGA |
| Ming-Sound Tsao et al(2011)/ Canada | GSE22874 | 5 |  | 5 | Illumina | 27578 | PNAS |
| Gerd Pfeifer et al(2012)/USA | GSE35341 | 0 | 0 | 6 | NimbleGen | 3x720K | GEO |
| [Yoshitaka Sekido](http://cancerres.aacrjournals.org/search?author1=Yoshitaka+Sekido&sortspec=date&submit=Submit)(2009)/Japan | [E-TABM-813](http://www.ebi.ac.uk/arrayexpress/experiments/E-TABM-813) | 20 | 20 | 0 | Endonuclease-array |  | Cancer Res |
| [Stephan Beck](http://genome.cshlp.org/search?author1=Stephan+Beck&sortspec=date&submit=Submit)(2008)/UK | [E-TABM-445](http://www.ebi.ac.uk/arrayexpress/experiments/E-TABM-445) | 0 | 0 | 4 | Antibody-array |  | Genome Res |
| [Feinberg AP](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Feinberg%20AP%22%5BAuthor%5D) et al(2011)/USA | GSE29505 | 24 | 24 | 0 | Custom | 384 CpG | [Nat Genet](http://www.ncbi.nlm.nih.gov/pubmed/21706001) |

Datasets were downloaded either from websites or from public repositories (GEO, ArrayExpress, see Table 3).

530 samples: 368 lung cancer,143 para-cancer,19 normal lung tissue.

Note: GSE19434 and GSE16559 are share almost same set samples,so we just only use GSE16559 datasets.