Table S1 The samples were collected from 12 datasets included in the study.

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| --- | --- | --- | --- |
| Series ID | No. of stage III LUAD patients | Platform | Source |
| TCGA\_LUAD | 74 | Illumina RNAseq | TCGA |
| GSE72094\_GPL15048 | 57 | Rosetta/Merck Human RSTA Custom Affymetrix 2.0 microarray | GEO |
| GSE30219\_GPL570 | 2 | Affymetrix Human Genome U133 Plus 2.0 Array | GEO |
| GSE37745\_GPL570 | 13 | Affymetrix Human Genome U133 Plus 2.0 Array | GEO |
| GSE29013\_GPL570 | 8 | Affymetrix Human Genome U133 Plus 2.0 Array | GEO |
| E-MTAB-923\_GPL570 | 27 | Affymetrix Human Genome U133 Plus 2.0 Array | ArrayExpress |
| GSE42127\_GPL6884 | 20 | Illumina HumanWG-6 v3.0 expression beadchip | GEO |
| GSE13213\_GPL6480 | 25 | Agilent-014850 Whole Human Genome Microarray 4x44K G4112F | GEO |
| GSE11969\_GPL7015 | 25 | Agilent Homo sapiens 21.6K custom array | GEO |
| GSE68465\_GPL96 | 61 | Affymetrix Human Genome U133A Array | GEO |
| GSE31547\_GPL96 | 2 | Affymetrix Human Genome U133A Array | GEO |
| GSE41271\_GPL6884 | 48 | Illumina HumanWG-6 v3.0 expression beadchip | GEO |
| Total patients | 362 |  |  |  |

Note: TCGA: (https://portal.gdc.cancer.gov/), GEO: (https://www.ncbi.nlm.nih.gov/geo/); ArrayExpress (https://www.ebi.ac.uk/arrayexpress/).