**Table S1** Clinical information analyzed in this study

|  |  |  |
| --- | --- | --- |
|  | **TCGA-LUAD** | **GSE42127** |
| **Sample** |  |  |
| Normal | - | - |
| Tumor | 466 | 133 |
| **Mean age**  (years;range) | 65  (33-88) | 66  (42-86) |
| **Gender** |  |  |
| Male | 213 | 68 |
| Female | 253 | 65 |
| **Stage** |  |  |
| I | 254 | 89 |
| II | 110 | 22 |
| III | 77 | 20 |
| IV | 25 | 2 |
| **Status** |  |  |
| Alive | 347 | 90 |
| Dead | 119 | 43 |
| **Platform** | Illumina  HiSeqV2 | Illumina HumanWG-6 v3.0 |