|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GEO dataset | Year | Platform | LUAD | Controls | LUSC | Controls | Sample type in patients | Sample type in controls | Reference |
| GSE32863 | 2012 | GPL6884 | 58 | 58 |  |  | Cancer tissue | Adjacent non-tumor tissues | (Selamat et al. 2012) |
| GSE63459 | 2015 | GPL6883 | 33 | 32 |  |  | Cancer tissue | Adjacent non-tumor tissues | (Robles et al. 2015) |
| GSE75037 | 2016 | GPL6884 | 83 | 83 |  |  | Cancer tissue | Adjacent non-tumor tissues | (Girard et al. 2016) |
| GSE43458 | 2013 | GPL6244 | 80 | 30 |  |  | Cancer tissue | Adjacent non-tumor tissues | (Kabbout et al. 2013) |
| GSE10072 | 2008 | GPL96 | 58 | 49 |  |  | Cancer tissue | Healthy lung tissues | (Landi et al. 2008) |
| GSE31547 | 2011 | GPL96 | 30 | 20 |  |  | Cancer tissue | Adjacent non-tumor tissues | Not published |
| GSE7670 | 2007 | GPL96 | 26 | 26 |  |  | Cancer tissue | Adjacent non-tumor tissues | (Chen et al. 2009; Su et al. 2007) |
| GSE46539 | 2015 | GPL6883 | 92 | 92 |  |  | Cancer tissue | Adjacent non-tumor tissues | (Chang et al. 2017; Chen et al. 2015) |
| GSE27262 | 2013 | GPL570 | 25 | 25 |  |  | Cancer tissue | Adjacent non-tumor tissues | (Wei et al. 2014; Wei et al. 2012) |
| GSE18842 | 2010 | GPL570 | 15 | 14 | 31 | 31 | Cancer tissue | Adjacent non-tumor tissues | (Sanchez-Palencia et al. 2011) |
| GSE21933 | 2013 | GPL6254 | 11 | 11 | 10 | 10 | Cancer tissue | Adjacent non-tumor tissues | (Lo et al. 2012) |
| GSE31552 | 2011 | GPL6244 | 19 | 19 | 10 | 10 | Cancer tissue | Adjacent non-tumor tissues | (Lin et al. 2014) |
| GSE74706 | 2016 | GPL13497 | 10 | 10 | 8 | 8 | Cancer tissue | Adjacent non-tumor tissues | (Marwitz et al. 2016) |
| GSE19188 | 2010 | GPL570 | 45 | 30 | 27 | 17 | Cancer tissue | Adjacent non-tumor tissues | (Hou et al. 2010) |
| GSE118370 | 2019 | GPL570 | 6 | 6 |  |  | Cancer tissue | Adjacent non-tumor tissues | (Xu et al. 2018) |
| GSE134381 | 2019 | GPL11532 | 17 | 17 | 20 | 20 | Cancer tissue | Adjacent non-tumor tissues | (Hoang et al. 2019) |
| GSE103512 | 2017 | GPL13158 | 30 | 14 | 25 | 14 | Cancer tissue | Adjacent non-tumor tissues | (Brouwer-Visser et al. 2018) |
| GSE2088 | 2009 | GPL962 |  |  | 48 | 30 | Cancer tissue | Healthy lung tissues | (Fujiwara et al. 2012) |
| GSE12428 | 2008 | GPL1708 |  |  | 34 | 28 | Cancer tissue | Healthy lung tissues | (Boelens et al. 2009) |
| GSE33479 | 2014 | GPL6480 |  |  | 14 | 14 | Cancer tissue | Healthy lung tissues | (Mascaux et al. 2019) |
| GSE30219 | 2013 | GPL570 |  |  | 61 | 14 | Cancer tissue | Healthy lung tissues | (Rousseaux et al. 2013) |

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