Table S1 Molecular alterations of four cases of LG-FLAC.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| LG1, male/30 | | |  | LG2, male/36 | | |  | LG3, male/48 | | |  | LG4, female/35 | | |
| Gene | Variation | Frequency |  | Gene | Variation | Frequency |  | Gene | Variation | Frequency |  | Gene | Variation | Frequency |
| *CTNNB1* | p.S33C | 42.5% |  | *CTNNB1* | p.S37F | 38.4% |  | *CTNNB1* | p.D32Y | 47.6% |  | *CTNNB1* | p.S37F | 38.4% |
| *DICER1* | p.Q488\* | 39.8% |  | *DICER1* | p.D1810F | 35.9% |  | *DICER1* | p.D1709A | 83.7% |  | *DICER1* | c.5096-1G>T | 37.7% |
| *DICER1* | p.D1709V | 37.2% |  | *DICER1* | p.A1710del | 29.3% |  | *HSPD1* | p.G56E | 11.4% |  | *DICER1* | p.D1810Y | 35.0% |
| *MYCN* | p.P44L | 2.5% |  | *MYCN* | p.P44L | 45.1% |  | *TERT* | c.-146C>T | 6.7% |  |  |  |  |
| *TSC2* | p.R1032\* | 2.7% |  | *RARA* | p.S287L | 63.8% |  |  |  |  |  |  |  |  |
| *EP300* | p.R1645Q | 1.3% |  | *EGFR* | p.D247G | 35.3% |  |  |  |  |  |  |  |  |
| *BRIP1* | p.T266M | 1.1% |  | *C15orf23* | p.T47K | 15.3% |  |  |  |  |  |  |  |  |
|  |  |  |  | *ZFHX3* | p.A472E | 12.5% |  |  |  |  |  |  |  |  |
|  |  |  |  | *CREBBP* | p.R1446C | 9.9% |  |  |  |  |  |  |  |  |
|  |  |  |  | *HER2* | Amplification | CN4.8 |  |  |  |  |  |  |  |  |
|  |  |  |  | *SOX9* | Amplification | CN6.8 |  |  |  |  |  |  |  |  |

CN: copy number; LG-FLAC: low-grade fetal adenocarcinoma of the lung.