Supplementary table VII. Significant associations between clinicopathological covariates and recurrent fusions. The associations were detected using logistic regression taking into account age, gender, smoking status, histology and tumor recurrence.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Fusion** | **Covariate** | **Estimate** | **Std.Error** | **Z value** | **Pr(>|Z|)** | **Fusion counts** |
| CD27-AS1:MANBAL | Gender | -1.83 | 0.85 | -2.13 | 0.03 | Female: 9/134  Male: 2/113 |
| DNPEP:C9orf3 | Recurrence | 4.18 | 1.98 | 2.1 | 0.04 | Recurred: 3/100  No recurrence: 1/154 |
| GABPB1:LMCD1 | Histology | 3.12 | 1.41 | 2.2 | 0.03 | Large cell neuroendocrine: 1/4  Rest: 8/245 |
| LMO7:EXT2 | Histology | 1.57 | 0.72 | 2.16 | 0.03 | Adenosquamous carcinoma: 4/9  Rest: 22/223 |