**Supplementary Table S3**. Molecular characteristics of analyzed cell lines.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| CELL LINE | Gender | Age at diagnosis (years) | Ethnicity | Smoking | Primary tumor size | TP53 | HPV+ |
| BICR22 | M | 88 | Caucasian | yes | Tongue | Mutated | Negative |
| BICR31 | M | Unknow | Caucasian | yes | Tongue | Mutated | Negative |
| CAL27 | M | 56 | Caucasian | yes | Tongue | Mutated | Negative |
| DOK | M | 57 | Caucasian | yes | Oral Cavity | Mutated | Negative |
| H103 | M | 32 | Caucasian | yes | Tongue | Mutated | Negative |
| H357 | M | 74 | Caucasian | yes | Tongue | Mutated | Negative |
| H400 | F | 55 | Unknown | yes | Alveolar Process | Mutated | Negative |
| HN6 | M | 54 | Unknown | yes | Tongue | Mutated | Negative |
| MSK921 | Unknow | Unknow | Unknown | yes | Tongue | Wild Type | Negative |
| OECM1 | M | Unknow | Chinese | yes | Oral Cavity Gingival | Mutated | Negative |
| SCC68 | M | Unknow | Unknown | yes | Oral Cavity | Wild Type | Negative |
| SCC47 | M | 53 | Unknown | yes | Tongue | Wild Type | Positive |
| SCC90 | M | Unknow | Unknown | yes | Upper Aerodigestive Tract | Wild Type | Positive |