**Table S2.** Detailed molecular characteristics of all analysed samples. W/T – wild type; del – whole gene deletion; PNL – Proneural like; CL – Classical-like. Data for stabilized cell lines were applicable.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Case # | Stabilized / unstabilized | *CDKN2A* | | *TP53* | | | *EGFR* gene copy number | | | *EGFRvIII* expression | | | *PDGFR* gene copy number | | | Subtype | |
| frozen sample | cell line | frozen sample | | cell line | frozen sample | | cell line | frozen sample | | cell line | frozen sample | | cell line | frozen sample | cell line |
| 1 | stabilized cell lines | del | del | mutated | | mutated | polisomy | | polisomy | no | | no | increased | | increased | PNL | PNL |
| 2 | del | del | mutated | | mutated | polisomy | | polisomy | no | | no | normal | | normal | PNL | PNL |
| 3 | del | del | W/T | | W/T | normal | | normal | no | | no | normal | | normal | other | other |
| 4 | W/T | W/T | mutated | | mutated | polisomy | | polisomy | no | | no | normal | | normal | PNL | PNL |
| 5 | del | del | mutated | | mutated | amplification + polisomy | | polisomy | no | | no | normal | | normal | PNL | PNL |
| 6 | del | del | W/T | | W/T | amplification + polisomy | | polisomy | yes | | no | increased | | normal | PNL | other |
| 7 | W/T | W/T | mutated | | mutated | normal | | normal | no | | no | normal | | normal | PNL | PNL |
| 8 | unstabilized cell cultures | W/T | | W/T | | | amplification | | | yes | | | normal | | | CL | |
| 9 | W/T | | mutated | | | normal | | | no | | | normal | | | PNL | |
| 10 | W/T | | W/T | | | amplification | | | no | | | normal | | | CL | |
| 11 | W/T | | W/T | | | amplification | | | yes | | | normal | | | CL | |
| 12 | W/T | | mutated | | | normal | | | yes | | | normal | | | PNL | |
| 13 | W/T | | W/T | | | amplification | | | no | | | normal | | | CL | |
| 14 | W/T | | W/T | | | amplification | | | no | | | normal | | | CL | |
| 15 | del | | mutated | | | normal | | | no | | | normal | | | PNL | |
| 16 | W/T | | W/T | | | normal | | | no | | | normal | | | other | |
| 17 | W/T | | mutated | | | normal | | | no | | | normal | | | PNL | |
| 18 | del | | W/T | | | normal | | | no | | | normal | | | other | |
| 19 | del | | W/T | | | amplification | | | no | | | normal | | | CL | |
| 20 | del | | W/T | | | normal | | | no | | | normal | | | other | |
| 21 | W/T | | W/T | | | normal | | | yes | | | normal | | | other | |
| 22 | del | | W/T | | | normal | | | no | | | normal | | | other | |
| 23 | del | | W/T | | | polisomy | | | no | | | normal | | | other | |
| 24 | W/T | | W/T | | | amplification + polisomy | | | no | | | increased | | | CL | |
| 25 | del | | W/T | | | normal | | | no | | | normal | | | other | |
| 26 | del | | W/T | | | polisomy | | | no | | | increased | | | other | |
| 27 | W/T | | mutated | | | normal | | | yes | | | normal | | | PNL | |
| 28 | del | | W/T | | | normal | | | no | | | normal | | | other | |
| 29 | del | | W/T | | | normal | | | yes | | | normal | | | other | |
| 30 | del | | W/T | | | amplification | | | yes | | | normal | | | CL | |
| 31 | W/T | | W/T | | | normal | | | no | | | increased | | | PNL | |
| 32 | del | | W/T | | | normal | | | no | | | normal | | | other | |
| 33 | W/T | | W/T | | | normal | | | no | | | normal | | | other | |
| 34 | W/T | | W/T | | | polisomy | | | no | | | normal | | | other | |
| 35 | W/T | | W/T | | | amplification | | | no | | | normal | | | CL | |
| 36 | del | | W/T | | | amplification + polisomy | | | yes | | | normal | | | CL | |
| 37 | del | | mutated | | | polisomy | | | no | | | normal | | | PNL | |
| 38 | W/T | | W/T | | | normal | | | no | | | normal | | | other | |
| 39 | W/T | | W/T | | | normal | | | yes | | | normal | | | other | |
| 40 | del | | W/T | | | normal | | | no | | | normal | | | other | |
| 41 | del | | W/T | | | amplification | | | no | | | normal | | | CL | |
| 42 | del | | W/T | | | normal | | | no | | | normal | | | other | |
| 43 | W/T | | mutated | | | normal | | | no | | | normal | | | PNL | |
| 44 | W/T | | W/T | | | amplification + polisomy | | | yes | | | normal | | | CL | |
| 45 | W/T | | W/T | | | normal | | | no | | | normal | | | other | |
| 46 | del | | W/T | | | amplification | | | yes | | | normal | | | CL | |
| 47 | del | | W/T | | | amplification + polisomy | | | yes | | | normal | | | CL | |
| 48 | del | | W/T | | | amplification + polisomy | | | yes | | | normal | | | CL | |
| 49 | W/T | | W/T | | | normal | | | no | | | increased | | | PNL | |
| 50 | del | | W/T | | | polisomy | | | no | | | normal | | | other | |
| 51 | W/T | | W/T | | | normal | | | no | | | normal | | | other | |
| 52 | W/T | | W/T | | | normal | | | no | | | increased | | | PNL | |
| 53 | del | | W/T | | | normal | | | no | | | normal | | | other | |
| 54 | W/T | | mutated | | | normal | | | no | | | normal | | | PNL | |
| 55 | W/T | | W/T | | | amplification | | | yes | | | normal | | | CL | |
| 56 | W/T | | W/T | | | amplification | | | yes | | | normal | | | CL | |
| n=56 |  |  |  |  |  | |  |  | |  |  | |  |  | |  | |