**Supplemental Table S1. Overview of genomic cell line characteristics.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cell line** | ***MYCN***  **copy number** | | ***ALK***  **copy number** | | **Chromosome 2p**  **gain** | | ***ALK* mutations** | |
| BE(2)-C | 100-240 | [26, 27] | 2 | [28] | partial | [29] | wildtype | [12] |
| Kelly | 200-480 | [26, 27, 30] | 2 | [9, 28] | partial | [31] | F1174L (c.3522C>A) | [9, 12] |
| NB-1 | 2-20 | [11, 32] | 30-40 | [11, 33, 34] | no | [29] | wildtype | [11] |
| LAN-5 | 100-300 | [30, 35] | 2 | [34, 36] | no | [29, 37] | R1275Q (c.3824, G>A) | [11] |
| IMR-5 | amplified | [38] | amplified | [9] | n.a. |  | wildtype | [12] |
| SH-SY5Y | 2-3 | [39, 40, 41] | 2-3 | [34, 41] | partial | [31, 42] | F1174L (c.3522C>A) | [12] |
| LAN-6 | 3 | [43] | 2 | [34] | partial | [43] | D1091N (c.3271G>A) | [12] |
| CLB-GA | 2 | [44] | 2 | [10, 34] | partial | [29, 45] | R1275Q (c.3824, G>A) | [10] |
| SH-EP | 2 | [26] | 2 | [34] | no | [29, 46] | F1174L (c.3522C>A) | [34] |
| SK-N-AS | 2 | [26] | 2 | [9, 34, 36] | no | [29, 42] | wildtype | [9, 12] |

n.a., not analyzed.