**Supplementary data**

Supplementary Table S1. *MGMT* methylation status of the patients. OS, overall survival; IHC, immunohistochemistry.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **MGMT methylation (mean value; %)** | **MGMT DNA hypermethylation** | **MGMT hypermethylation according to IHC** | **OS of the patient (weeks)** | **Treatment**  **(Temodex=1, Control=0)** | **Alive=1** |
| 44 | yes | yes | 48.7 | 1 |  |
| 26 | yes | yes | 55.6 | 1 |  |
| 25 | yes | yes | 141.7 | 1 | 1 |
| 22 | yes | yes | 48.3 | 1 |  |
| 20 | yes | yes | 49.0 | 1 |  |
| 16 | yes | yes | 113.9 | 1 |  |
| 15 | yes | yes | 47.4 | 1 |  |
| 14 | yes | yes | 73.0 | 1 |  |
| 9 | \* | yes | 119.9 | 1 | 1 |
| 9 | \* | yes | 145.4 | 1 |  |
| 9 | \* | yes | 121.3 | 1 |  |
| 8 | \* | yes | 105.9 | 1 |  |
| 5 | no | yes | 92.4 | 1 |  |
| 5 | no | yes | 53.4 | 1 |  |
| 4 | no | yes | 56.6 | 1 |  |
| 3 | no | yes | 57.9 | 1 |  |
| 2 | no | yes | 16.0 | 1 |  |
| 2 | no | yes | 40.6 | 1 |  |
| 2 | no | yes | 54.4 | 1 |  |
| 1 | no | yes | 101.9 | 1 |  |
|  | no DNA data | yes | 121.4 | 1 | 1 |
| 14 | yes | no | 40.0 | 1 |  |
| 7 | no | no | 146.9 | 1 | 1 |
| 2 | no | no | 22.4 | 1 |  |
| 2 | no | no | 116.9 | 1 |  |
| 1 | no | no | 52.3 | 1 |  |
| 1 | no | no | 65.0 | 1 |  |
|  | no DNA data | no | 124.7 | 1 | 1 |
| 8 | \* | not assessable | 56.9 | 1 |  |
| 37 | yes | yes | 232.6 | 0 | 1 |
| 34 | yes | yes | 72.7 | 0 |  |
| 34 | yes | yes | 43.0 | 0 |  |
| 28 | yes | yes | 49.0 | 0 |  |
| 24 | yes | yes | 30.4 | 0 |  |
| 22 | yes | yes | 72.0 | 0 |  |
| 21 | yes | yes | 22.3 | 0 |  |
| 20 | yes | yes | 27.7 | 0 |  |
| 20 | yes | yes | 73.6 | 0 |  |
| 19 | yes | yes | 30.4 | 0 |  |
| 19 | yes | yes | 69.7 | 0 |  |
| 15 | yes | yes | 36.1 | 0 |  |
| 15 | yes | yes | 39.1 | 0 |  |
| 14 | yes | yes | 26.71 | 0 |  |
| 14 | yes | yes | 24.4 | 0 |  |
| 12 | yes | yes | 26.1 | 0 |  |
| 11 | yes | yes | 39.7 | 0 |  |
| 10 | yes | yes | 30.14 | 0 |  |
| 10 | yes | yes | 170.4 | 0 | 1 |
| 8 | \* | yes | 198.7 | 0 | 1 |
| 7 | no | yes | 20.1 | 0 |  |
| 7 | no | yes | 253.6 | 0 | 1 |
| 7 | yes | yes | 54.6 | 0 |  |
| 6 | no | yes | 38.4 | 0 |  |
| 5 | no | yes | 41.9 | 0 |  |
| 4 | no | yes | 44.6 | 0 |  |
| 4 | no | yes | 38.3 | 0 |  |
| 3 | no | yes | 73.4 | 0 |  |
| 3 | no | yes | 109.9 | 0 |  |
| 2 | no | yes | 56.9 | 0 |  |
| 2 | no | yes | 51.7 | 0 |  |
| 1 | no | yes | 44.4 | 0 |  |
|  | no DNA data | yes | No data | 0 |  |
|  | no DNA data | yes | 39.7 | 0 |  |
| 42 | yes | not | 44.7 | 0 |  |
| 16 | yes | no | No data | 0 |  |
| 9 | \* | no | 20.6 | 0 |  |
| 9 | \* | no | 84.0 | 0 |  |
| 6 | no | no | 19.7 | 0 |  |
| 2 | no | no | 53.7 | 0 |  |
| 1 | no | no | 57.3 | 0 |  |
| 1 | no | no | 46.4 | 0 |  |
| 1 | no | no | 43.7 | 0 |  |
|  | no DNA data | no | 29.9 | 0 |  |
| 16 | yes | not assessable | 43.4 | 0 |  |
| 13 | yes | not assessable | 57.1 | 0 |  |
| 12 | yes | not assessable | 59.6 | 0 |  |
| 7 | no | not assessable | No data | 0 |  |
| 5 | no | not assessable | 157.9 | 0 |  |
| 4 | no | not assessable | 32.1 | 0 |  |
| 2 | no | not assessable | 27.4 | 0 |  |
| 1 | no | not assessable | 57.4 | 0 |  |

\* Classified as either positive (yes) or negative (no) depending on a cut-off limit at either 8% or 10% (see text).