Supplementary Table 3. Differential expression of individual genes between M3 and D3 tumors in the validation set. The genes shown are the ten genes of which the expression levels showed the highest differential expression in the test set. Significant p-values are presented in bold and italic. Nearly-significant p-values are presented in bold only. Bonferroni correction was performed only for those genes which were not significantly differentially expressed in the test set. Mann-Whitney U test was performed.

<table>
<thead>
<tr>
<th>Gene</th>
<th>Disomy 3 group</th>
<th>Monosomy 3 group</th>
<th>P-value</th>
<th>Corrected p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Median (range)</td>
<td>Median (range)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KAT2B</td>
<td>21.7 (9.0 – 53.8)</td>
<td>10.9 (3.7 – 20.7)</td>
<td><strong>0.008</strong></td>
<td></td>
</tr>
<tr>
<td>SIRT5</td>
<td>13.1 (4.2 – 26.4)</td>
<td>9.1 (3.5 – 23.1)</td>
<td>0.364</td>
<td>1</td>
</tr>
<tr>
<td>HDAC11</td>
<td>15.6 (8.1 – 22.2)</td>
<td>6.1 (1.7 – 12.6)</td>
<td><strong>0.001</strong></td>
<td><strong>0.009</strong></td>
</tr>
<tr>
<td>KMT1B</td>
<td>12.7 (5.9 – 33.2)</td>
<td>8.2 (4.1 – 27.7)</td>
<td>0.215</td>
<td>1</td>
</tr>
<tr>
<td>KMT1C</td>
<td>59.3 (32.1 – 92.2)</td>
<td>28.6 (18.6 – 98.3)</td>
<td>0.004</td>
<td><strong>0.05</strong></td>
</tr>
<tr>
<td>KMT5B</td>
<td>46.7 (23.0 – 88.9)</td>
<td>32.3 (21.3 – 52.4)</td>
<td>0.083</td>
<td>1</td>
</tr>
<tr>
<td>KDM4B</td>
<td>21.7 (18.4 – 37.7)</td>
<td>11.5 (7.5 – 16.9)</td>
<td>&lt;0.001</td>
<td><strong>0.003</strong></td>
</tr>
<tr>
<td>KDM6B</td>
<td>4.4 (2.1 – 5.8)</td>
<td>2.5 (1.4 – 4.3)</td>
<td>0.003</td>
<td><strong>0.038</strong></td>
</tr>
<tr>
<td>JARID2</td>
<td>45.7 (12.6 – 115.2)</td>
<td>24.2 (3.7 – 91.9)</td>
<td><strong>0.083</strong></td>
<td></td>
</tr>
<tr>
<td>BMI-1</td>
<td>25.9 (23.1 – 54.8)</td>
<td>12.9 (6.3 – 34.7)</td>
<td><strong>0.001</strong></td>
<td></td>
</tr>
</tbody>
</table>