**Supplementary Table S1.** Clinical and histological characteristics of the 16 patients with MPNSTs.

<table>
<thead>
<tr>
<th>Patient Sex/Age (years)</th>
<th>Tumor localization</th>
<th>Tumor size (cm)</th>
<th>Histoprognostic grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>F/19 Lower limb</td>
<td>27</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>F/18 Upper limb</td>
<td>20</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>M/18 Head</td>
<td>15</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>M/35 Abdomen</td>
<td>20</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>M/34 Lumbar</td>
<td>6.5</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>M/53 Upper limb</td>
<td>13</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>F/24 Lumbar</td>
<td>7</td>
<td>I</td>
<td></td>
</tr>
<tr>
<td>M/24 Abdomen</td>
<td>20</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>M/31 Face</td>
<td>15</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>F/32 Abdomen</td>
<td>5</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>M/41 Abdomen</td>
<td>9</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>M/40 Abdomen</td>
<td>22</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>F/25 Buttock</td>
<td>12</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>M/38 Thigh</td>
<td>22</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>F/40 Arm</td>
<td>15</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td>M/31 NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
</tbody>
</table>

Plus sign indicates present; minus sign, absent; F, Female; M, male; NA: data not available