**S7 Table.** Quantification of the percentage of spermatocytes showing SYCP3 aggregates during prophase I stages in squash of seminiferous tubules of *Psma8*+/+ and *Psma8*−/− testis. They have been classified in cells with small or large aggregates (n=2 mice).

<table>
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<tr>
<th></th>
<th>WT</th>
<th>KO</th>
<th>p-value</th>
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<tr>
<td><strong>Leptotene</strong></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Small</td>
<td>75.3 ± 13.6</td>
<td>58.2 ± 9.4</td>
<td>0.28162</td>
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<tr>
<td>Large</td>
<td>16.5 ± 10.5</td>
<td>17.8 ± 9.2</td>
<td>0.90562</td>
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<tr>
<td><strong>Zygotene</strong></td>
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<tr>
<td>Small</td>
<td>30.3 ± 26.3</td>
<td>22.5 ± 0.5</td>
<td>0.71665</td>
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<tr>
<td>Large</td>
<td>9.1 ± 2.6</td>
<td>60.6 ± 5.2</td>
<td>0.00630 **</td>
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<td><strong>Pachytene</strong></td>
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<tr>
<td>Small</td>
<td>8.8 ± 3.1</td>
<td>24.5 ± 3.9</td>
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<tr>
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<td>0.4 ± 0.1</td>
<td>11.3 ± 12.3</td>
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<td><strong>Diplotene</strong></td>
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<tr>
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<td>0.0 ± 0.0</td>
<td>0.0 ± 0.0</td>
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