<table>
<thead>
<tr>
<th>Primer Pair</th>
<th>Sequence</th>
<th>Tm (°C)</th>
<th>Product Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORIT-1</td>
<td>GTGCCTGCTCGGTATC</td>
<td>54.7</td>
<td>0.7 kb</td>
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<tr>
<td>ORIT-2</td>
<td>CCTGCTCCGGGTCATTATAG</td>
<td>64.4</td>
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<tr>
<td>oriT (F1050)</td>
<td>GGAAAGTTACACGTTAAGG</td>
<td>60.7</td>
<td>0.3 Kb</td>
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<tr>
<td>oriT (R2210)</td>
<td>GTACTCTCTCTTTATATACAAATGG</td>
<td>55.9</td>
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<tr>
<td>Lok 3F</td>
<td>GAAAGAAGAACAATTTACCAG</td>
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<td>CTGCACATCTGTACATATAACTG</td>
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<td>tcdB-F</td>
<td>CAATGAACCTGTACCTTGATAGAAG</td>
<td>59.8</td>
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<tr>
<td>tcdB-R</td>
<td>CTCACCTCCATAGTTATATCTTATACGG</td>
<td>62.1</td>
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</table>

**Table 2. Primers used in this study**

ORIT-1 and 2 primer pair amplify a sequence within oriT of 700 bp. oriT (F1050) and oriT (R2210) bind to sites flanking oriT and in pMTL9301ΔoriT will produce a PCR product of 300 bp. Lok 3F and Lok 1R amplify the region flanking the PaLoc (in CD37 this results in amplification of a 0.75 kb fragment as CD37 does not contain the PaLoc). In 630Δerm the primer should amplify the PaLoc region but this is too large for the conditions used here (19.6 kb). Primers tcdB-F and tcdB-R amplify a region of toxB 400 bp, this is present in 630Δerm but not CD37.