Table S1A: Copy numbers of *LUC* in presence of species-specific 3′ UTRs of AQP1 mRNA at the 3′ end

<table>
<thead>
<tr>
<th>Host species</th>
<th>LUC copy number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>pLUC</td>
</tr>
<tr>
<td><em>L. donovani</em></td>
<td>1.0</td>
</tr>
<tr>
<td><em>L. infantum</em></td>
<td>1.0</td>
</tr>
<tr>
<td><em>L. major</em></td>
<td>1.0</td>
</tr>
<tr>
<td><em>L. tropica</em></td>
<td>1.0</td>
</tr>
<tr>
<td><em>L. braziliensis</em></td>
<td>1.0</td>
</tr>
<tr>
<td><em>L. panamensis</em></td>
<td>1.0</td>
</tr>
</tbody>
</table>

Table S1B: Copy numbers of AQP1-3′-UTR constructs

<table>
<thead>
<tr>
<th>Host Species</th>
<th>Copy number of AQP1-3′-UTR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Vector alone</td>
</tr>
<tr>
<td><em>L. donovani</em></td>
<td>1.0</td>
</tr>
<tr>
<td><em>L. major</em></td>
<td>1.0</td>
</tr>
</tbody>
</table>