Table S7. Comparisons of the archaeal communities in bleached mottles (M) and surrounding soil (S) of podzols from Bertioga (BT), and Ilha Comprida (IC1 and IC2) using Integral-Libshuff.

<table>
<thead>
<tr>
<th>Community (X)</th>
<th>BT-M</th>
<th>BT-S</th>
<th>IC1-M</th>
<th>IC1-S</th>
<th>IC2-M</th>
<th>IC2-S</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT-M</td>
<td></td>
<td></td>
<td>0.0000</td>
<td>0.0000</td>
<td>0.0000</td>
<td>0.0000</td>
</tr>
<tr>
<td>BT-S</td>
<td>0.0001</td>
<td></td>
<td>0.0000</td>
<td>0.0203</td>
<td>0.0003</td>
<td>0.0041</td>
</tr>
<tr>
<td>IC1-M</td>
<td>0.0018</td>
<td>0.0036</td>
<td></td>
<td>0.3363</td>
<td>0.1134</td>
<td>0.2356</td>
</tr>
<tr>
<td>IC1-S</td>
<td>0.0016</td>
<td>0.0009</td>
<td>0.0744</td>
<td></td>
<td>0.0168</td>
<td>0.0825</td>
</tr>
<tr>
<td>IC2-M</td>
<td>0.8494</td>
<td>0.9114</td>
<td>0.7935</td>
<td>0.7907</td>
<td></td>
<td>0.9520</td>
</tr>
<tr>
<td>IC2-S</td>
<td>0.0341</td>
<td>0.9404</td>
<td>0.3118</td>
<td>0.9464</td>
<td>0.0362</td>
<td></td>
</tr>
</tbody>
</table>

The numbers in the lower diagonal represent the $P$ value based on the comparisons of the community X (homologous) to Y (heterologous) and in the upper diagonal based on the comparisons of community Y (homologous) to X (heterologous). Bonferroni corrected $P$ for comparison of six libraries is 0.025, using an experimentwise $P = 0.05$. Values in bold face are significant.