Agrobacterium-mediated Rice Transformation Summary

Experiment Date: 2/22/2008  
Construct: pTF102  
Cultivar: Nipponbare  
Agro density (OD$_{600}$): 0.05  
Co-cultivation: 25°C/3 days

<table>
<thead>
<tr>
<th>Student</th>
<th># Calli infected</th>
<th># Calli lost to Agro overgrowth (%)</th>
<th># Calli sacrificed for gus assay</th>
<th># Calli to selection</th>
<th>Preliminary transformation frequency (%) (4/14/08)</th>
<th>Final # Bialaphos resistant events</th>
<th>Final transformation frequency (%) (4/22/08)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adam</td>
<td>38</td>
<td>13</td>
<td>34.2</td>
<td>4</td>
<td>21</td>
<td>4.8</td>
<td>3</td>
</tr>
<tr>
<td>Loren</td>
<td>33</td>
<td>10</td>
<td>30.3</td>
<td>5</td>
<td>18</td>
<td>22.2</td>
<td>8</td>
</tr>
<tr>
<td>Meimei</td>
<td>35</td>
<td>15</td>
<td>42.9</td>
<td>2</td>
<td>18</td>
<td>16.7</td>
<td>6</td>
</tr>
<tr>
<td>Mercedes</td>
<td>38</td>
<td>14</td>
<td>36.8</td>
<td>2</td>
<td>22</td>
<td>4.5</td>
<td>4</td>
</tr>
<tr>
<td>Moises</td>
<td>34</td>
<td>15</td>
<td>44.1</td>
<td>4</td>
<td>15</td>
<td>6.7</td>
<td>2</td>
</tr>
<tr>
<td>Nic</td>
<td>28</td>
<td>4</td>
<td>14.3</td>
<td>4</td>
<td>20</td>
<td>15</td>
<td>5</td>
</tr>
<tr>
<td>Sarah</td>
<td>38</td>
<td>9</td>
<td>23.7</td>
<td>5</td>
<td>24</td>
<td>12.5</td>
<td>4</td>
</tr>
<tr>
<td>Xi</td>
<td>39</td>
<td>6</td>
<td>15.4</td>
<td>5</td>
<td>28</td>
<td>14.3</td>
<td>5</td>
</tr>
<tr>
<td>Xiang</td>
<td>36</td>
<td>15</td>
<td>41.7</td>
<td>2</td>
<td>19</td>
<td>21.1</td>
<td>7</td>
</tr>
<tr>
<td>Yan</td>
<td>38</td>
<td>14</td>
<td>36.8</td>
<td>2</td>
<td>22</td>
<td>9.1</td>
<td>3</td>
</tr>
<tr>
<td>Zach</td>
<td>22</td>
<td>8</td>
<td>36.4</td>
<td>2</td>
<td>12</td>
<td>16.7</td>
<td>4</td>
</tr>
<tr>
<td>Class Average</td>
<td>379</td>
<td>123</td>
<td>32.5</td>
<td>37</td>
<td>219</td>
<td>12.8</td>
<td>51</td>
</tr>
</tbody>
</table>