Temporal genetic structure in a poecilogonous polychaete: the interplay of developmental mode and environmental stochasticity

Kesäniemi, Jenni; Mustonen, Marina; Boström, Christoffer; Hansen, Benni W; Knott, Emily

Temporal genetic structure in a poecilogonous polychaete: the interplay of developmental mode and environmental stochasticity

2014

Please cite the original version:

All material supplied via JYX is protected by copyright and other intellectual property rights, and duplication or sale of all or part of any of the repository collections is not permitted, except that material may be duplicated by you for your research use or educational purposes in electronic or print form. You must obtain permission for any other use. Electronic or print copies may not be offered, whether for sale or otherwise to anyone who is not an authorised user.
Additional file 3. Genetic variation in the temporal samples after the removal of full-sib individuals

Genetic variation in the temporal samples after the removal of full-sib individuals (all samples are included but samples in bold have full-sibs removed). Observed ($H_O$) and expected ($H_E$) heterozygosity, inbreeding coefficient ($F_{IS}$, with significant values underlined) are reported.

<table>
<thead>
<tr>
<th>Sample</th>
<th>$H_O$</th>
<th>$H_E$</th>
<th>$F_{IS, OLD}$</th>
<th>$FIS , no , full-sibs$</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIA2008</td>
<td>0.57896</td>
<td>0.65804</td>
<td>0.116</td>
<td>0.115</td>
</tr>
<tr>
<td>FIA2009</td>
<td>0.56272</td>
<td>0.66314</td>
<td>0.140</td>
<td>0.140</td>
</tr>
<tr>
<td>FIA2010</td>
<td>0.68795</td>
<td>0.71434</td>
<td>0.015</td>
<td>0.015</td>
</tr>
<tr>
<td>FIF2008</td>
<td>0.53108</td>
<td>0.64313</td>
<td>0.153</td>
<td>0.153</td>
</tr>
<tr>
<td>FIF2009</td>
<td>0.47757</td>
<td>0.61436</td>
<td>0.202</td>
<td>0.202</td>
</tr>
<tr>
<td>FIF2010</td>
<td>0.56730</td>
<td>0.65473</td>
<td>0.128</td>
<td>0.128</td>
</tr>
<tr>
<td>DKR2009</td>
<td>0.59758</td>
<td>0.69896</td>
<td>0.146</td>
<td>0.126</td>
</tr>
<tr>
<td>DKR2010</td>
<td>0.60993</td>
<td>0.68942</td>
<td>0.092</td>
<td>0.089</td>
</tr>
<tr>
<td>DKV2008</td>
<td>0.65147</td>
<td>0.76540</td>
<td>0.126</td>
<td>0.114</td>
</tr>
<tr>
<td>DKV2009</td>
<td>0.71428</td>
<td>0.77757</td>
<td>0.076</td>
<td>0.067</td>
</tr>
<tr>
<td>DKV2010</td>
<td>0.69450</td>
<td>0.72946</td>
<td>0.030</td>
<td>0.022</td>
</tr>
<tr>
<td>DKH2008</td>
<td>0.59607</td>
<td>0.67679</td>
<td>0.099</td>
<td>0.099</td>
</tr>
<tr>
<td>DKH2010</td>
<td>0.56731</td>
<td>0.72006</td>
<td>0.189</td>
<td>0.187</td>
</tr>
<tr>
<td>NET2009</td>
<td>0.58282</td>
<td>0.70370</td>
<td>0.169</td>
<td>0.173</td>
</tr>
<tr>
<td>NET2010</td>
<td>0.60589</td>
<td>0.68921</td>
<td>0.124</td>
<td>0.122</td>
</tr>
<tr>
<td>NET2011</td>
<td>0.61595</td>
<td>0.75168</td>
<td>0.182</td>
<td>0.182</td>
</tr>
<tr>
<td>UK2009</td>
<td>0.60609</td>
<td>0.79936</td>
<td>0.242</td>
<td>0.242</td>
</tr>
<tr>
<td>UK2010</td>
<td>0.66405</td>
<td>0.79743</td>
<td>0.165</td>
<td>0.165</td>
</tr>
</tbody>
</table>